DOTD FORM: 24-102

(Revised March 1, 2022)

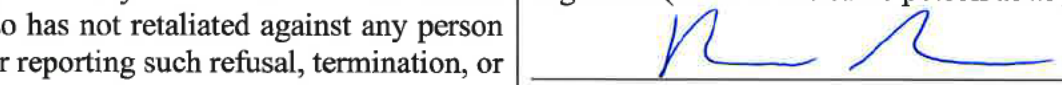
PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

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

1. Contract title as shown in the advertisement	***Off System Highway Bridge Program Patricia St. over Chalmette Vista Canal***
2. Contract number(s) as shown in the advertisement	***Contract No. 4400025053***
3. State Project Number(s), if shown in the advertisement	***H.015017.5***
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	***Meyer Engineers, Ltd.***
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	***EF.0000562*** ***DUNS #043959022***
6. Prime consultant mailing address	***P.O. Box 763, Metairie, LA 70004***
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	***4937 Hearst Street, Suite 1B*** ***Metairie, LA 70001***
8. Name, title, phone number, and email address of prime consultant's contract point of contact	***David H. Dupre, Vice President; Phone: 504-885-9892*** ***Email: ddupre@meyer-e-l.com***
9. Name, title, phone number, and email address of the official with signing authority for this proposal	***Richard C. Meyer, President; Phone: 504-885-9892*** ***Email: rickmeyer@meyer-e-l.com***
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer	

also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	Signature (shall be the same person as #9):  Date: ***December 21, 2022***
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): ***N/A*** Firm(s)' %:

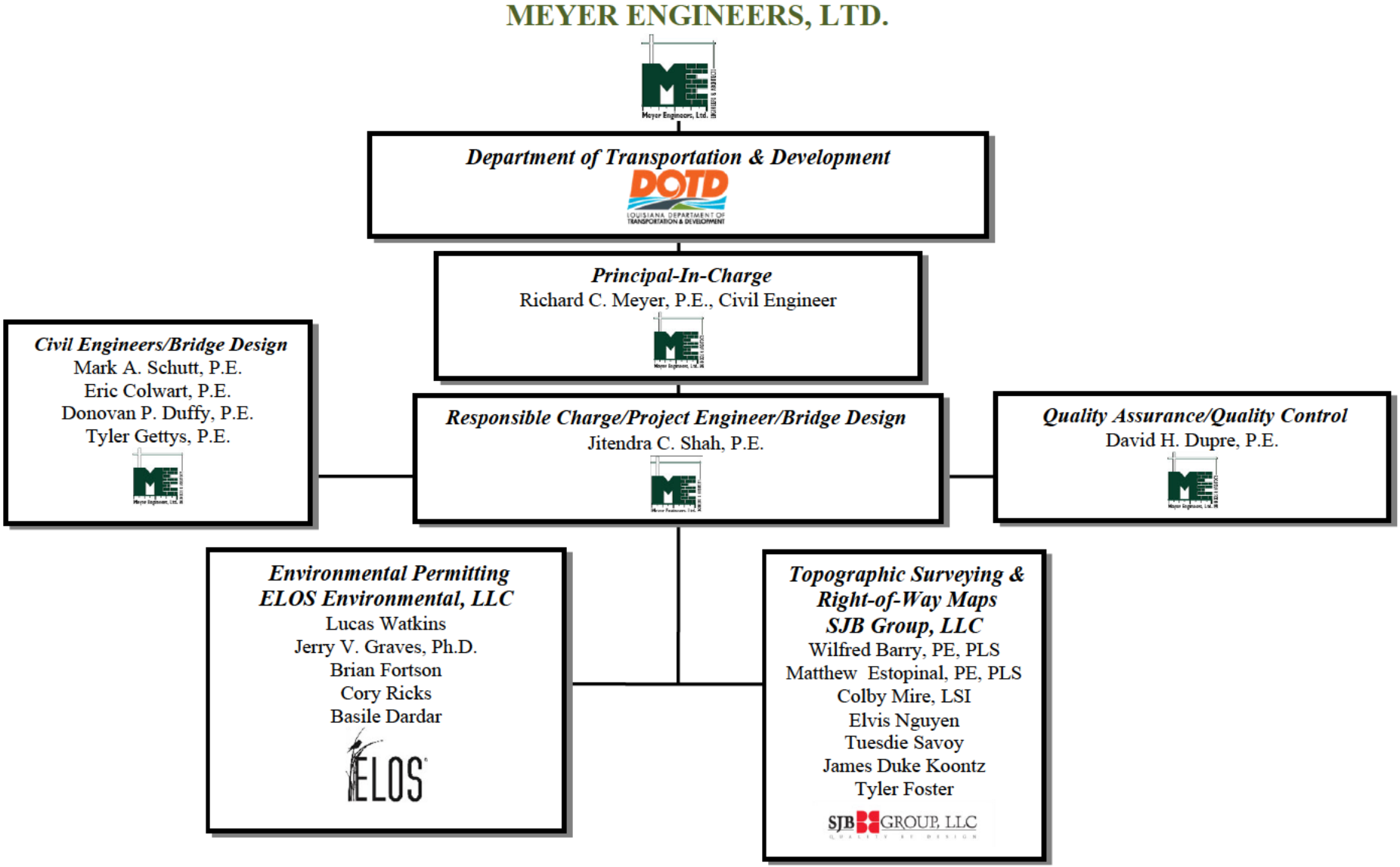
12. Past Performance Evaluation Discipline Table:

Sub-consultants are allowed to be used for this proposal. Fill in the table to identify only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as overall total percent of contract. (Add rows as needed)					
Evaluation Discipline(s)	% of Overall Contract	***Meyer***	***SJB Group***	***ELOS***	Each Discipline must total to 100%
Road	***80%***	***100%***			
Survey	***16%***		***100%***		
Environmental	***4%***			***100%***	
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and sub-consultant.					
Percent of Contract	***100%***	***80%***	***16%***	***4%***	

13. Firm Size:

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Meyer Engineers, Ltd.	***Accountant***	***1***	***3***
	Administrative	***1***	***1***
	Clerical	***1***	***3***
	Engineer	***4***	***9***
	Engineer Intern	***1***	***2***
	Principal	***1***	***1***
	Supervisor – Engineer	***1***	***2***
ELOS Environmental, LLC	***Biologist/Wetlands***	***2***	***10***
	Environmental Professional	***3***	***11***
	Environmental Manager	***1***	***2***
	GIS Analysis	***2***	***6***
	Archaeologist	***1***	***2***
SJB Group, LLC	***Accountant***	***0***	***2***
	Administrative	***0***	***1***
	CADD-Drafter	***0***	***1***
	CADD-Operator	***1***	***1***
	Computer-Analyst	***0***	***1***
	Engineer	***0***	***2***
	Instrument Man	***3***	***3***
	Landscape Architect	***0***	***1***
	Party Chief	***2***	***4***
	Principal	***3***	***4***
	Professional	***2***	***2***
	Rodman	***1***	***1***
	Senior Technician	***4***	***7***
	Supervisor-Eng	***0***	***1***
	Supervisor-Other	***1***	***3***

14. Organizational Chart:



15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	***Richard C. Meyer, P.E.***	***Meyer Engineers, Ltd.***	***Professional Engineer/24012***	***LA***	***03/31/2024***
2	***David H. Dupre, P.E.***	***Meyer Engineers, Ltd.***	***Professional Engineer/23422***	***LA***	***03/31/2024***
3	***Jitendra C. Shah, P.E.***	***Meyer Engineers, Ltd.***	***Professional Engineer/19551***	***LA***	***03/31/2023***
4	***Wilfred Barry, P.E., PLS***	***SJB Group***	***Professional Engineer/17452 Professional Land Surveyor / PLS.0004612***	***LA***	***03/31/2024 03/31/2024***
5	***Brian Fortson***	***ELOS Environmental, LLC***		***LA***	***N/A***

16. Staff Experience:

Firm employed by: ***Meyer Engineers, Ltd.***					
Name	***Richard C. Meyer, P.E.***		Years of relevant experience with this firm/employer	***41***	
Title	***Principal-in-Charge***		Years of relevant experience with other firm(s)/employer(s)	***0***	
Degree(s) / Years / Specialization			***B.S. Civil Engineering 1980, Tulane University***		
Active registration number / state / expiration date			***24012 / LA / 03-31-2022***		
Year registered	***1988***	Discipline	***Civil Engineering***		
Contract role(s) / brief description of responsibilities			***Project Principal / Oversee Project***		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	Richard C. Meyer is the Principal-in-Charge and is involved with all aspects of administering engineering projects including client contact, cost estimates, design, quality control, contract administration, and contract closeout. Mr. Meyer coordinates the Engineering staff and has participated in most facets of Civil Engineering including structural, sanitary and ***storm sewerage, roads and bridges***, airport designs, and ***construction management***. Mr. Meyer is knowledgeable of the DOTD's "Roadway Design Procedures and Details", "Design Guidelines", "Hydraulics Manual", "Testing Procedures Manual", and "Materials Sampling Manual". As Project Principal for the Federal Aid System Projects, Mr. Meyer has administered assistants, certified inspectors, and field representatives for the construction of asphaltic concrete and Portland concrete roadways and drainage systems for over thirty (30) years. The work included interpreting contract documents, preparing pay requests and change orders, and coordination with Federal, State and Parish Representatives. Mr. Meyer is a member of the Louisiana Engineer's Society, the American Society of Civil Engineers, the American Concrete Institute, National Society of Professional Engineers, Louisiana Floodplain Managers Association, and the American Council of Engineering Companies.
01/18-Present	***Mid-Barataria Sediment Diversion – BA – 153, Plaquemines Parish:*** Project Principal for the Mid-Barataria Sediment Diversion – BA – 153 ***bridge***. A portion of the project consists of an ***85' wide concrete bridge*** that will span 2,500' long, including ***approach slabs*** and the spanning of the 300' wide channel. The ***arched bridge*** will maintain a ***25' clearance above the proposed water surface elevation*** of the channel. ***Bridge design*** includes concrete deck, barriers, and girders, battered and plumb pile bents with cylindrical concrete piles, and concrete pile caps.
03/08-09/11 ***04/18-Present***	***S.P. No. H.007272: Howard Avenue Extension (Loyola Avenue – LaSalle Street), Orleans Parish***: Project Principal for the Howard Avenue Extension (Loyola Avenue – LaSalle Street). The project consists of a 1,600' ***concrete roadway***, base course, curbs, sidewalk, ***ADA compliant ramps***, drain lines, utility adjustments, striping, traffic signals, and street lighting. The work also includes right-of-way acquisition. Construction Cost: $3.2M (EST)
06/13-Present	***S.P. No. H.010184: LA 59: Curve Realign and Tunnel at Trace, St. Tammany Parish:*** Project Principal for ***road improvements and pedestrian tunnel***. Construction Cost: $3.6M (EST)
03/22-06/22	***Lock No. 2 Road Bridge Replacement, St. Tammany Parish:*** Project Principal for the roadway design and bridge engineering services for the ***removal and replacement of the existing bridges***. Meyer also prepared the ***Hydrologic and Hydraulic Analysis***.
01/00-06/11	***Harvey Boulevard: Wall Boulevard to Engineers Road, Jefferson and Plaquemines Parishes***: Project Principal for Harvey Boulevard (Wall Boulevard to Engineers Road). This 4,800' long asphalt ***roadway*** included ***four 12-foot-wide traveling lanes*** with a 60-foot-wide median. Also included curbs, new turn lanes, new traffic signals, subsurface drainage, drainage outfalls and ***two (2) 250-foot-long girder span bridges***. Construction Cost: $9.3M
09/95-03/05	***S.P. No. 700-18-0080: Route US 190 Junction 433-US11, St. Tammany Parish:*** Project Principal for ***road improvements*** which included a four-lane rural section, a five-lane urban section, ***two (2) 180-foot long slab span bridges***, subsurface drainage, and a ***pedestrian tunnel***. Construction Cost: $23M

Firm Employed by: ***Meyer Engineers, Ltd.***					
Name	***Jitendra C. Shah, P.E.***		Years of relevant experience with this firm/employer	***37***	
Title	***Quality Control***		Years of relevant experience with other firm(s)/employer(s)	***11***	
Degree(s) / Years / Specialization			***M.S. Civil Engineering 1975, Wayne State*** ***B.S. Civil Engineering, 1973, The Detroit Institute of Technology***		
Active registration number / state / expiration date			***19551 / LA / 03-31-2023***		
Year registered	***1981***	Discipline	***Civil Engineering***		
Contract role(s) / brief description of responsibilities			***Responsible Charge/Project Engineer/Road Design***		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	Jitendra C. Shah will perform Bridge and Roadway Design on this project. Mr. Shah is involved with all aspects of administering engineering projects for Meyer Engineers, Ltd. These aspects include client contact, cost estimates, ***design***, quality control, construction administration, and contract closeout, preparation of reports and plans and specifications. Mr. Shah participates in most facets of Civil Engineering design including structural, sanitary and storm sewerage, water, sidewalks, drainage, ***roads and bridges***, and airport designs. Mr. Shah is knowledgeable of the DOTD's "Roadway Design Procedures and Details", "Design Guidelines", "Hydraulics Manual", "Testing Procedures Manual", and "Materials Sampling Manual". Mr. Shah has completed the FHWA and DOTD sponsored course on Stream Stability and Scour at Highway Bridges. He is an Associate Member of the Institute of Transportation Engineers, and a member of the American Society of Civil Engineers and the Louisiana Engineering Society.
01/18 – Present	***Mid-Barataria Sediment Diversion – BA – 153, Plaquemines Parish:*** Project Manager for the Mid-Barataria Sediment Diversion – BA – 153 ***bridge***. A portion of the project consists of an ***85' wide concrete bridge*** that will span 2,500' long, including ***approach slabs*** and the spanning of the 300' wide channel. The ***arched bridge*** will maintain a ***25' clearance above the proposed water surface elevation*** of the channel. ***Bridge design*** includes concrete deck, barriers, and girders, battered and plumb pile bents with cylindrical concrete piles, and concrete pile caps.
12/01-03/03	***State Project No. 576-26-0007: Highway 3137 Bridge, Plaquemines Parish:*** Project Manager for the Design, and Construction Engineering and Inspection services for the Highway 3137 (Pump Station No. 3) ***Bridge***. The work included a ***250-foot girder span bridge*** on Engineers Road (Highway 3137) in anticipation of Pump Station No. 3 (Whitney Barataria Pump Station). Also included was utility relocations, intake canal, ***detour road*** and coordination of utility adjustments for Pump Station No. 3. The ***bridge*** consisted of ***70-foot pre-stressed type III concrete girder span bridges*** with associated sheeting, ***approach slabs***, and guardrails. A separate girder span bridge was constructed for the utility crossings. All closeout submittals and forms and record drawings were accepted by the DOTD. Tasks included development of the conceptual layout and plans for the bridge , preparation of plans and specifications, and complete design services for a drainage pump station and earthen intake canal, all ***in accordance with DOTD*** and USACE ***requirements***. Work also included coordination of the purchase of property, deed close out submittals, and Record Drawings. Construction Cost: $3.5M
03/22-06/22	***Lock No. 2 Road Bridge Replacement, St. Tammany Parish:*** Project Manager for the roadway design and bridge engineering services for the ***removal and replacement of the existing bridges***. Meyer also prepared the ***Hydrologic and Hydraulic Analysis***.
05/10-12/13	***Dwyer Road Intake Canal, Orleans Parish:*** Project Manager for the ***$50 Million*** Dwyer Road Intake Canal project in Orleans Parish under the SELA Flood Control Program, which included structural, civil, hydraulic, geotechnical, and environmental engineering design services. The scope of work included the design of a ***7,000-foot-long, 12-foot x 10-foot reinforced concrete box culvert*** along Dwyer Road from the Dwyer Road Pump Station to the St. Charles Canal. The project also included relocating a sewer force main, electrical distribution line and an adjustment to water, sewer, gas and telephone lines in conflict.
04/03-06/05	***Filmore Avenue Canal Bridge, Orleans Parish:*** Project Manager for the design and engineering during construction for the Filmore Avenue Bridge over the London Avenue Canal. This provided ***flood protection*** on the London Avenue Canal in accordance with U.S. Army Corps of Engineers High Level Plan for Lake Pontchartrain. The flood protection system designed ***sealed bridges with high parapet walls*** to protect properties against water surface elevation caused by a standard projected hurricane. The bridge system withstood the storm surge from Hurricane Katrina. The ***140' long bridge*** include partial girder span and partial slab spans. The design included pile length calculations, scour analysis, a sheet pile wall and bulkhead. Construction Cost: $2.3M

Firm employed by: ***Meyer Engineers, Ltd.***					
Name	***Eric Colwart, P.E.***		Years of relevant experience with this firm/employer	***15***	
Title	***Civil Engineer/Bridge Design***		Years of relevant experience with other firm(s)/employer(s)	***0***	
Degree(s) / Years / Specialization			***B.S. Civil Engineering, 2005, Louisiana State University***		
Active registration number / state / expiration date			***36290 / LA / 09-30-2023***		
Year registered	***2011***	Discipline	***Civil Engineering***		
Contract role(s) / brief description of responsibilities			***Bridge Design***		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	Eric Colwart will be the Lead Engineer for the bridge design for this project. His experience includes client contact, cost estimates, design, construction administration, preparation of reports, plans and specifications. This also includes plan/profile sheets, preparation of as-builts and record drawings, updating facility plans and CADD details. Mr. Colwart has designed projects in accordance with ***DOTD's "Roadway Design Manual"***, "Complete Streets Manual", "Hydraulics Manual", "Bridge Manual", AASHTO's "Green Book", and the "Louisiana Standards and Specifications for Roads and Bridges".
03/22-06/22	***Lock No. 2 Road Bridge Replacement, St. Tammany Parish:*** Project Engineer for the roadway design and bridge engineering services for the ***removal and replacement of the existing bridges***. Meyer also prepared the ***Hydrologic and Hydraulic Analysis***.
01/18 – Present	***Mid-Barataria Sediment Diversion – BA – 153, Plaquemines Parish:*** Assistant Project Engineer for the design of the Mid-Barataria Sediment Diversion – BA – 153 bridge. A portion of the project consists of an ***85' wide concrete bridge*** that will span 2,500' long, including ***approach slabs*** and the spanning of the 300' wide channel. The arched bridge will maintain a 25' clearance above the proposed water surface elevation of the channel. ***Bridge design*** includes concrete deck, barriers, and girders, battered and plumb pile bents with cylindrical concrete piles, and concrete pile caps.
01/00-10/13	***Dwyer Road Intake Canal, Orleans Parish:*** Assisted with the design for the ***7,000-foot long, 12-foot x 10-foot reinforced concrete box culvert*** along Dwyer Road from the Dwyer Road Pump Station to the St. Charles Canal. The project also included relocating a sewer force main, electrical distribution line, and an adjustment to water, sewer, gas, and telephone lines in conflict. Meyer's design included drainage canals and structures, pre-stressed and post-tensioned concrete structures, bulkheads, highway work, and cost estimates.
01/02-07/16	***Mazoue Ditch Drainage Improvements, Jefferson Parish:*** Assisted with the for design, construction administration, and inspection for the ***drainage improvements***. The project was constructed in six (6) phases as funding became available through the Louisiana Statewide Flood Control Program. The project consisted of the following typical sections: 3,000' long - 11' wide and 10' deep sheet pile section. Approximately 30' long sheet pile and 18" thick bottom concrete slab was installed; 200' long – 11' wide and 10' deep concrete u-channel; 1,050' long – 10' x 8' concrete box culvert. The work also included slope paving, drainage manholes, catch basins, drain line adjustments, utility adjustment, fencing and pavement replacement. Construction Cost: $12.4M
01/11-12/15	***Oakwood/Terrytown Drainage Improvements, Jefferson Parish:*** Assisted with the design of ***drainage improvements and street reconstruction*** along Carol Sue Avenue from Oakwood Canal to Algiers Outfall Canal in Terrytown. Design included approximately 2,500' long new 72" RCPA drain lines, and removal and replacement 11,000 SY of 7" thick concrete roadway with rollover curb. Design included re-establishing vertical alignment for proper drainage. Major utility lines were relocated, and water and sewer line relocation plans were developed. Telephone fiber optical line conflicts were resolved, and gas line relocation was coordinated. The utility relocation plans were developed to minimize damage to the fiber optic cable and street light system per Jefferson Parish requirements. Special sequences and details were developed for relocation of telephone fiber optic cables. Detour plans were developed for traffic routing. Two lanes of traffic were kept open throughout the construction of the project, and special construction sequences were developed as needed. The outfall at the Algiers Outfall Canal was designed to avoid canal bank erosion issues.

Firm employed by: ***Meyer Engineers, Ltd.***					
Name	***David H. Dupre, P.E.***		Years of relevant experience with this employer	***33***	
Title	***Civil Engineer***		Years of relevant experience with other employer(s)	***3***	
Degree(s) / Years / Specialization			***B.S. Civil Engineering 1984, Louisiana State University***		
Active registration number / state / expiration date			***23422/LA/03-31-2022***		
Year registered	***1989***	Discipline	***Civil Engineering***		
Contract role(s) / brief description of responsibilities			***Hydraulic Design***		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	David H. Dupré has over thirty-four (34) years of experience in Civil and Structural Engineering, Project Management and Construction Management and is involved with all aspects of administering engineering projects which include client contact, cost estimates, design plans and specification, construction administration, and preparation of reports. He participates in all facets of Civil Engineering design including ***roads***, bridges, ***drainage***, sanitary sewer, water, and environmental. As ***Vice-President*** he manages the engineering staff and has significant experience with larger/complex road and drainage projects, such as the $50 million Whitney Barataria Pump Station in Jefferson Parish and a portion of the design on the ***$150 million Paths to Progress Road Program*** for LADOTD. He is a former New Orleans Chapter President and Chairman-Elect on the Executive State Board of American Council of Engineering Companies (ACEC). In 2016, Mr. Dupre was honored in receiving the Outstanding Civil Engineer award from the New Orleans Branch of the American Society of Civil Engineers (ASCE). He is also a member of SAME, ASCE, APWA, CMAA and LES. Mr. Dupre has designed projects in accordance with ***DOTD's "Roadway Design Manual"***, "Hydraulics Manual", "Bridge Manual", "Complete Streets Manual", and the "Louisiana Standard Specification for Roads and Bridges". He is LADOTD certified in Traffic Control Technician, Traffic Control Supervisor, and Flagger. He has managed large complex design projects for Jefferson Parish, LADOTD, and the City of New Orleans coordinating multiple civil, survey, and electrical team members. He leads Meyer's effort providing Quality Control/Quality Assurance on projects Mr. Dupre is leading for the firm and for other firm projects he is not the Project Manager.
11/18-04/19	***Bainbridge Street Access to MSY (Stage 0 Study), Jefferson Parish:*** Project Manager for the Bainbridge Street Access to MSY (Stage 0 Study). The purpose of the study was to develop, define, and analyze a range of ***feasible improvements to Bainbridge Street***, between the Louis Armstrong New Orleans International Airport (LANOIA) campus and Veterans Boulevard. Mr. Dupre worked with representatives of the City of Kenner, Jefferson Parish Drainage Department, and Armstrong Airport Representatives, to obtain existing communications, water, sewer, ***drainage***, natural gas and electric lines, and evaluated traffic requirements. Mr. Dupre oversaw preliminary ***hydraulic modeling of Canal No. 19***. Drainage options for Canal #19 were developed and the recommendation was a dual 8' x 15' box culvert. Mr. Dupre coordinated with the Airport, State and Regional representatives to ***identify funding for the project***. Mr. Dupre presented multiple options to local elected officials and Airport stakeholders. Construction Cost: $26.2M (Recommended Option)
01/18-Present	***Mid-Barataria Sediment Diversion – BA – 153, Plaquemines Parish:*** Project Engineer for the Mid-Barataria Sediment Diversion – BA – 153 ***bridge***. A portion of the project consists of an ***85' wide concrete bridge*** that will span 2,500' long, including ***approach slabs*** and the spanning of the 300' wide channel. The ***arched bridge*** will maintain a ***25' clearance above the proposed water surface elevation*** of the channel. ***Bridge design*** includes concrete deck, barriers, and girders, battered and plumb pile bents with cylindrical concrete piles, and concrete pile caps.
08/00-06/11	***State Project No. 742-26-0044: Harvey Boulevard: Wall Blvd. to Engineers Road, Jefferson & Plaquemines Parishes:*** Project Manager for Harvey Boulevard from Wall Boulevard to Engineers Road (approximately 4,800 LF), located in Jefferson Parish and Plaquemines Parish. The ***new asphaltic concrete roadway included four (4) 12' lanes***, concrete curbs, ***new traffic signals*** and subsurface ***drainage***. The project also included two (2) 250-feet long girder span bridges, drainage outfalls, backfilling a major canal, and bulkheading around an existing 30-inch gas line. The work also included ***concrete widening and patching*** along Engineers Road (LA 3017), and a 180' long pile supported approach slab over a backfilled canal to avoid future settlement problems. Construction Cost: $8.9M

RESUME CONTINUED (DAVID DUPRE)	
09/07-12/12	***State Project No. 704-92-0039: LA DOTD Submerged Roads Program, Orleans and St. Bernard Parishes:*** Program Manager for the first phase of the LA ***DOTD Submerged Roads Program***. The project consists of providing design and construction engineering and inspection under a retainer contract which included ***fifteen (15) different Task Orders*** and seven (7) separate bid packages on this ***fast-paced project***. ***Roads improved*** include Wisner, Robert E. Lee, Press, Washington, Poydras, M.L. King, Magazine, Nashville and Jefferson Street in Orleans Parish, and Patricia and Jean Lafitte Street in St. Bernard Parish. The work included base repair, asphalt and ***concrete patching***, mill, asphalt overlay, ***concrete road***, concrete curbs, granite curbs, driveways, sidewalks, handicap ramps, drain line repairs, and catch basin repairs. The project also included traffic control device plans for phases and traffic signal modifications. The construction estimate of all Task Orders under the first phase of the Submerged Roads Program was ***$29 Million***. The project required coordinating with multiple design professionals.

Firm employed by: ***Meyer Engineers, Ltd.***					
Name	***Mark A. Schutt, P.E.***		Years of relevant experience with this firm/employer	***22***	
Title	***Civil Engineer***		Years of relevant experience with other firm(s)/employer(s)	***2***	
Degree(s) / Years / Specialization			***M.S. Civil Engineering, 1999, Tulane University*** ***B.S. Civil Engineering, 1997, Tulane University***		
Active registration number / state / expiration date			***30528 / LA / 03-31-2023***		
Year registered	***2003***	Discipline	***Civil Engineering***		
Contract role(s) / brief description of responsibilities			***Hydraulic Design***		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	Mark A. Schutt, P.E. has over twenty-four (24) years of experience in Civil Engineering and Structural Engineering, and Project Management. He is involved with many aspects of administering engineering projects which include client contact, cost estimates, design plans and specifications, construction administration, and preparation of reports. He participates in most facets of Civil Engineering design including roads, bridges, drainage, sanitary sewer, water, environmental, and structural. He has specialized experience in designing a variety of recreation projects to include boat launches, fishing piers, and bike paths, and has worked on several drainage and wastewater projects in the region. Mr. Schutt's professional memberships include ASCE, APWA, LES, and NSPE.
04/09-06/11	***Harahan Master Drainage Study, Jefferson Parish:*** Project Engineer for preparing a ***Master Drainage Plan*** for the City of Harahan to create a Stormwater Management Program which included the following: Creation of maps ***identifying flood prone areas***; Field investigation of location and conditions of existing culverts as potential problems; Researched previous drainage studies and their recommendations; Analyzed the problem areas identified by the City, Parish, Soniat Drainage Advisory Board and local residents; ***Created computer models*** of existing interior drainage system and improved conditions for 10-year storm event using the EPA Storm Water Management Model (SWMM).
04/18-10/19	***Hurricane Isaac Drainage Improvements, Jefferson Parish:*** Project Engineer for drainage improvements in the Town of Jean Lafitte. Design was done for a 10-year storm event in accordance with Jefferson Parish Drainage Standards and the drainage was tied into the existing drainage system. Subsurface drainage improvements were completed on the following streets: Madeline Lane, Church Street, Oak Drive, and Hwy. 45. Construction Cost: $2.4M
04/12-06/16	***Lafitte Drainage Improvement Program, Jefferson Parish:*** Project Engineer for the engineering and project management services for the design, preparation of plans and specifications, and construction administration for the Drainage Improvement Program. The project included the ***installation of more than 30,000 linear feet of subsurface drainage on 27 different streets*** throughout the Town of Jean Lafitte and surrounding areas to improve the drainage conveyance to the existing pump stations. Tasks included coordination for Community Development Block Grants (CDBG), providing environmental clearance, completing DOTD utility permits, design, construction administration and inspection. Mr. Schutt coordinated work with Town of Jean Lafitte, Jefferson Parish Drainage and Engineering Departments, Jefferson Parish Administration, and U.S. Department of Housing and Urban Development (HUD). Mr. Schutt completed the design of four (4) Bid Packages. Mr. Schutt also provided Project Management, which included coordinating a number of design consultants in the preparation of the Construction Documents for the Bid Packages. Mr. Schutt also completed the Lafitte Master Drainage Plan which precipitated this project. Construction Cost: $6.7M

Firm employed by: ***Meyer Engineers, Ltd.***					
Name	***Donovan P. Duffy, P.E.***		Years of relevant experience with this firm/employer	***7***	
Title	***Civil Engineer***		Years of relevant experience with other firm(s)/employer(s)	***10***	
Degree(s) / Years / Specialization			***B.S. Civil Engineering, 2013, Louisiana State University***		
Active registration number / state / expiration date			***41844 / LA / 03-31-2024***		
Year registered	***2017***	Discipline	***Civil Engineering***		
Contract role(s) / brief description of responsibilities			***Civil Engineering Design***		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	Donovan Duffy, P.E. has over ten years of experience in Civil and Structural Engineering and Construction Management and has a Master's in Business Administration. He has extensive experience leading design and construction administration operations within a diverse range of industries and government entities. He specializes in drainage design, including hydraulic modeling. He is also involved in many fields of civil engineering design including roads, drainage, sanitary sewer: collection, lift stations, force mains and treatment systems, water treatment and distribution networks, environmental and recreation. His experience in construction administration includes coordination with contractors and clients; organization, oversight, and record-keeping of preconstruction and construction progress meetings; shop drawing review; evaluation of change orders and pay requests; and various other construction coordination responsibilities. He is experienced in ***Hydraulic Modeling*** using SWMM, PCSWMM, HEC-RAS, HydroCad, ARCGIS, and QGIS software. He recently attended a ***PCSWMM seminar*** in Atlanta to serve as a guest presenter for his modeling efforts on numerous projects in the South Louisiana area. He has designed projects in accordance with DOTD's "Roadway Design Manual", "Hydraulics Manual", "Bridge Manual", AASHTO's "Green Book", the "Louisiana Standard Specifications for Roads and Bridges", "American Concrete Institute Standards", "Recommended Standards for Wastewater Facilities (Ten States Standards), and the "AISC Manual of Steel Construction".
10/20-Present	***Guerenger Canal Crossing Bridge, St. Bernard Parish:*** Project Engineer for the installation of a new 40' wide x 65' long (Con-Span) ***concrete bridge span structure*** for Entergy and St. Bernard Parish. The design includes special vehicle loading criteria as provided by Entergy for their future sub-station. The project also included the concrete roadway / approach slabs and drainage for the bridge and access road. Using ***PCSWMM***, Meyer analyzed the ***hydraulic impacts*** of the bridge addition on the Guerenger Canal to ensure the bridge section would not impede existing drainage for both 25-year and 100-year storm intervals. Construction Cost: $1.2M (EST)
04/18-Present	***Beaver Creek Drainage Improvements / Retention Pond, Tangipahoa Parish:*** Project Engineer preparing the ***Hydrology & Hydraulics Report and Benefit Cost Analysis*** for the Beaver Creek drainage basin in the Village of Tangipahoa at the intersection of LA Hwy. 51 and LA Hwy. 44 (Center Street) which will include analyzing the effects of the upstream and downstream flow for the Beaver Creek drainage basin between Interstate 55 and Tangipahoa River and performing ***Hydraulic Analysis*** for the 25-year and 100-year design storm event using ***HEC-RAS and PCSWMM***. Construction Cost: $2.8M (EST)
12/16-12/19	***St. Bernard Master Drainage Plan, St. Bernard Parish:*** Project Manager in charge of the ***Drainage Master Plan*** for St. Bernard Parish. The study limits were the Orleans Parish line, Mississippi River levee, and the Lake Borgne Basin Levee District Back Protection Levees. During the first phase maps were prepared to identify flood prone areas, repetitive loss areas, and areas which have flooded in the past. The second phase of the project included ***hydraulic modeling, and impact hydraulic analysis*** for all major canals in St. Bernard Parish. ***Lidar data*** was used to show the water surface elevations for the required design storms. During the third phase of the project, a preliminary probable construction cost, a prioritized list of recommended projects and a final report were completed.

RESUME CONTINUED (DONOVAN DUFFY)	
09/18-08/20	***Montz Master Drainage Plan, St. Charles Parish:*** Project Manager who prepared the ***Master Drainage Plan*** for Montz in St. Charles Parish. The study limits were from LA 3217 in Laplace to the spillway levee in St. Charles Parish. The scope included performing a ***hydraulic impact study*** for both existing and proposed conditions. The study included working along Airline Highway and took the future West Shore Levee project into consideration.
11/20-Present	***Oak Park Drainage / Helen Pond Drive Improvements, St. Tammany Parish:*** Project Manager preparing a ***Hydrology & Hydraulic (H&H) Report*** for the Oak Park Estates and Ruelle Du Chene Subdivision in Mandeville. The proposed H&H model shall reflect proposed improvements to streets contained in Oak Park Subdivision. The project also includes a proposed retention pond (approximately 10 acres) located east on Gail Street on undeveloped land. Construction Cost: $2.2M (EST)

Firm employed by: ***Meyer Engineers, Ltd.***					
Name	***Tyler J. Gettys, P.E.***		Years of relevant experience with this firm/employer	***2***	
Title	***Civil Engineer***		Years of relevant experience with other firm(s)/employer(s)	***4***	
Degree(s) / Years / Specialization			***B.S. Civil Engineering, 2017, Louisiana State University***		
Active registration number / state / expiration date			***46806 / LA / 09-30-2024***		
Year registered	***2022***	Discipline	***Civil Engineering***		
Contract role(s) / brief description of responsibilities			***Civil Engineering Design***		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	Tyler J. Gettys has over six (6) years of engineering experience and will assist with engineering design and CADD drafting. His experience includes roadway design, bridge replacements, safety projects, roundabouts, and signalized intersections. He has developed typical sections, summary of quantities, design plan and profiles, geometric details/graphical grades, pavement marking/signing sheets, sequencing of construction and detour signing, diversion bridges and cross sections. He is proficient in Bentley Software Systems including MicroStation, Inroads & ProjectWise, AutoTURN, IHSDM Safety Predictive Analysis, AASHTO Ware Project Preconstruction Software, AutoCAD, GIS systems, HYDRWIN Hydraulic Software and Watershed Modeling System (WMS).
01/21-Present	***Jefferson Highway at Bluebonnet Boulevard, East Baton Rouge Parish:*** Assisting with the design for the Jefferson Highway at Bluebonnet Boulevard Intersection project. As ***part of the MOVEBR Program***, the project includes ***extending the north and south bound left turn lanes and right turn lanes*** on Bluebonnet. Other work includes drain inlet structures, driveways, and light pole relocations. Construction Cost: $1.3M (EST)
09/20-Present	***Bainbridge Canal Closure and Roadway Improvements, Jefferson Parish:*** Assisting with the design for the ***drainage and road improvements*** between Veterans and Terr Drive. The project consists of the replacement of approximately 1,900 feet of earthen canal with concrete box culverts. The work also includes roadway improvements, drai street lighting, traffic improvements, and landscaping. Construction Cost: $21.4M (EST)
01/18-Present	***State Project No. H.013850: Duplessis Road Safety Widening, Ascension Parish:*** Assisting with the design for the Duplessis Road Safety ***Widening*** Project. Duplessis Road is categorized as an ***Urban Collector Roadway*** that provides a ***connection between major LA DOTD roads***: Airline Highway (US 61) and Old Jefferson Highway (LA Highway 73). As part of the Move Ascension roadway improvement program, Meyer is tasked with designing the ***full roadway reconstruction*** of the 1.65-mile portion of the road to ***widen the road*** from 18' wide to 26' wide (two (2) 11' lanes and two (2) 2' wide paved shoulders). The ***roadway and shoulder safety widening*** will aide in vehicle recovery and provide a safer roadway for traveling motorists. Also included in this project is the drainage design and layout of the new subsurface and roadside ditch sections. Construction Cost: $5.2M (EST)
2018-2021	Mr. Gettys ***previously worked for the Louisiana Department of Transportation and Development (LADOTD) (2018-2021), where he was a Roadway Designer who designed/developed roadway plans***. Below are projects he worked on with LADOTD: ⚜ ***State Project No. H.012852: I-20 WB Off Ramp at LA 617, Ouachita Parish:*** Roadway Designer: I-20WB Off Ramp is classified as an Urban Ramp Roadway that ***provides connectivity*** between the major LADOTD and U.S. routes of LA 617 and U.S. I-20. As part of the LADOTD Safety Program, the I-20 WB Ramp was selected to have a ***signalized right turn lane added at the intersection of the ramp and LA 617***. Additionally, the existing right turn lane was modified from a yield condition to a signalized one providing a total of two (2) signalized right turn lanes. The roadway safety and widening and signalization aids in reducing rear end crashes at the intersection. The project consisted of PCCP, base course, roadway striping, and new curb and gutter. Construction Cost: $800K ⚜ ***State Project No. H.001140: LA 124: Hooter Creek Bridge, Catahoula Parish:*** Roadway Designer: LA 124 is classified as a Rural Collector Roadway with a concrete slab span bridge crossing Hooter Creek. The roadway is a major route for timber trucks, thus replacing the bridge will continue to provide a logging route for years to come. The existing bridge had deteriorated to the point where it had to be replaced and roadway approach for the bridge realigned and brought up to current DOTD standards. The project consisted of ***spot replacing asphalt roadway***, base course, grading, and a concrete slab span bridge. Engineering design consisted of roadway geometrics, superelevation, construction sequencing, the alignment design of a detour bridge, and roadway plan preparation. Construction Cost: $1.7M ⚜ **State Project No. H.012052: LA 3092 Roundabout | Calcasieu Parish:** Roadway Designer: LA 3092 is classified as an Urban Arterial Roadway that is at the intersection of local parish roads West Gauthier and Lake Street. A ***traffic study and roundabout justification report*** concluded that a roundabout at the intersection would reduce traffic and increase safety over the next 20 years. Additionally, drainage structures at the intersection are undersized and will be replaced with subsurface drainage. The project consisted of a ***PCCP roundabout, drainage structures***, base course, detour roadways, grading, curb, and gutter. Engineering design consisted of roundabout geometrics, design calculations, construction sequencing, and roadway plan preparation. Construction Cost: $2.3M (EST)

Firm employed by	SJB Group, LLC				
Name	**Wilfred Barry, PE, PLS**		**Years of relevant experience with this employer**	47	
Title	*Secretary*		**Years of relevant experience with other employer(s)**	1	
Degree(s) / Years / Specialization			Bachelor of Science / 1974 / Civil Engineering Louisiana State University		
Active registration number / state / expiration date			PE.0017452 / Louisiana / 03.31.2024		
Year registered	1978	**Discipline**	Civil Engineering		
Active registration number / state / expiration date			PLS.0004612 / Louisiana / 03.31.2024		
Year registered	1989	**Discipline**	Land Surveying		
Contract role(s) / brief description of responsibilities			**Principal-in-Charge.** Mr. Barry has over forty-five years of experience in the engineering and surveying fields and will serve as Principal-in-Charge for SJB Group on this project. Mr. Barry is actively engaged in the overall management of the firm's Surveying, SUE and Engineering services, which require daily interaction with parish and private authorities regulating land use and zoning, development activities, and property ownership and transfer. **Mr. Barry fulfills MPR 4 for this contract.**		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
11/21 – 03/22	**LA 30 Roundabouts Subsurface Utility Investigation (Tanger Mall and I-10) – City-Parish Project No. 20-2057** *Principal-in-Charge / SUE Engineer.* SJB Group performed ASCE 38-02 Quality Level A SUE and utility surveying to identify utility conflicts for all utilities owned by the City of Gonzales and the proposed LA 30 Roundabouts at Tanger Mall and I-10 in Ascension Parish. Prior to Quality Level A services, extensive Quality Level D records research was completed to aid in the subsequent SUE design. The accurate location of these utilities was critical to alleviate disruptions to utility services and conflicts and delays to the construction of the project in this heavily congested area.
10/21 – 03/22	**Purpera Avenue Drainage Improvements** *Principal-in-Charge / SUE Engineer.* SJB Group provided a topographic survey and Subsurface Utility Engineering designating (Quality Level B) and locating services (Quality level A) in accordance with ASCE 38-02 for all utilities owned by the City of Gonzales. Prior to Quality Level A and B services, extensive Quality Level D records research was completed to aid in the subsequent SUE design. The overall efforts established an extensive topographic survey and Quality Level B map with Quality Level A information throughout the project corridor. The accurate location of these utilities was critical to allow for the proper design of the drainage system.
05/21 – 10/21	**MovEBR Jefferson at Corporate Intersection – City-Parish Project No. 20-CP-HC-0034** *Principal-in-Charge / SUE Engineer.* SJB Group performed a topographic survey, property survey, Right- of-Way maps, and Quality Level C and Quality Level B SUE services for all utilities of the Jefferson Hwy and Bluebonnet intersection as a sub-consultant to

	Buchart Horn. Prior to Quality Level B and C services, extensive Quality Level D records research was completed to aid in the subsequent SUE design. The accurate location of these utilities is of the utmost importance for successful design and construction of this roadway project.
04/21 – 07/21	**Hooper Road Widening (LA 3034 – LA 37) - LA DOTD Project No. H.009300.5** *Principal-in-Charge.* SJB Group completed a topographic survey and subsurface utility engineering project for a one mile stretch of LA Hwy 408 in East Baton Rouge Parish, LA. The topographic survey was an update to a survey done previously by SJB and included locating and verifying all changes to the one mile site since the previous survey was completed in 2014. An updated drainage map was also completed for this project. ASCE 38-02 Quality Level B was completed for the entire project corridor. Prior to Quality Level B services, extensive Quality Level D records research was completed to aid in the subsequent SUE design.
03/21 – 05/22	**MovEBR Nicholson Segment 2 – City-Parish Project No. 20-CP-HC-0032** *Principal-in-Charge.* SJB Group was tasked to provide topographic survey, scanning, property and right-of-way survey, and ASCE 38-02 Quality Level B and C subsurface utility engineering by City-Parish for the MovEBR project on Nicholson Rd. in East Baton Rouge Parish, LA. This effort required detailed record research, field investigations and data management. The accurate location of these utilities is critical for the ultimate design and construction of the project.
11/17 – 08/18	**LA 23: Belle Chasse Bridge & Tunnel HBI – LA DOTD Project No. H.004791.5** *Principal-in-Charge / SUE Engineer.* SJB Group performed SUE services for the design of a new bridge and tunnel crossing the Intracoastal Canal along LA 23 in Plaquemines Parish. This project required ASCE 38-02 Quality Level A and B services. Prior to Quality Level A and B services, extensive Quality Level D records research was completed to aid in the subsequent SUE design. After compiling the Quality Level B map, the Quality Level A scope of the project was started in an effort to establish exact location and elevations on critical utility systems found in the Quality Level B mapping. The overall efforts established an extensive Quality Level B map with Quality Level A information throughout the project corridor.
10/17 – 02/18	**Ford Street Extension – LA DOTD Project No. H.011310** *Principal-in-Charge / SUE Engineer.* SJB Group performed subsurface utility engineering for a topographic survey to extend Ford Street from Plank Road to Howell Blvd. This project required ASCE 38-02 Quality Level B services throughout the project limits and ASCE 38-02 Quality Level A services for all utility lines greater than 4" in diameter. SJB designated 13,000 linear feet of subsurface utilities and performed 9 test holes. Prior to Quality Level A and B services, extensive Quality Level D records research was completed to aid in the subsequent SUE design. The overall efforts established an extensive Quality Level B map with Quality Level A information throughout the project corridor.
04/15 – 09/15	**Central SSO-PS 42 Force Main Construction – Project No. 10-FM-MS-0036A** *Principal-in-Charge / SUE Engineer.* SJB Group performed topographic surveying, property surveying, right-of-way maps, and SUE tasks on the Central Consolidation PS 42 Force Main Project for East Baton Rouge Parish. SJB provided ASCE 38-02 Quality Level A services. Prior to Quality Level A services, extensive Quality Level D records research was completed to aid in the subsequent SUE design.

Firm employed by	SJB Group, LLC				
Name	**Matthew Estopinal, PE, PLS**		**Years of relevant experience with this employer**	1.5	
Title	*Chief Operating Officer / Survey Department Manager*		**Years of relevant experience with other employer(s)**	15	
Degree(s) / Years / Specialization			Bachelor of Science / 2009 / Civil Engineering Louisiana State University		
Active registration number / state / expiration date			PE.0039151 / Louisiana / 03.31.2023		
Year registered	2014	**Discipline**	Civil Engineering		
Active registration number / state / expiration date			PLS.0004955 / Louisiana / 03.31.2023		
Year registered	2006	**Discipline**	Land Surveying		
Contract role(s) / brief description of responsibilities			**Survey Project Manager.** Mr. Estopinal has more than fifteen years of experience as a Professional Land Surveyor in the state of Louisiana on transportation and community development related projects. His work experience includes ALTA surveys, boundary surveys, topographic surveys, and Right-of-Way maps for state, municipal, and private clients. His duties include coordination of staff, responsible charge of all plan production, all field inspections and the preparation of detailed construction plans on all types of work. He is thoroughly familiar with City-Parish and LA DOTD procedures, manuals, and software programs with respect to all requirements. **Mr. Estopinal fulfills MPR 4 for this contract.**		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
03/22 – Ongoing	**LA 385: Ryan Street Intersection Improvements – LA DOTD Project No. H.012685.5** *Project Manager.* A topographic survey was required in Calcasieu Parish, Louisiana near the intersection of I-210 and LA 385 (Ryan Street) and near the campus of McNeese State University. The survey included all utilities with depths and all drainage, along with finish floor elevations of all buildings that fell within the survey limits. The total linear distance is approximately 2.67 miles.
02/22 – 06/22	**LA 3021: Dual Turn Lanes @ LA 38 – LA DOTD Project No. H.014752.5** *Project Manager / QA/QC.* LA DOTD tasked SJB Group to perform a topographic survey in Orleans Parish, Louisiana. The survey was located at the intersection of LA 39 (N. Claiborne Ave.) and LA 46 (Elysian Fields Ave.), and included all utilities with depths, drainage, and finish floor elevations of all buildings within the survey limits. The project had a total linear distance of approximately 3,600 feet.
11/21 – 12/21	**Conway Development Topographic Survey for Novus Reb Engineering** *Project Manager.* This project consisted of performing a topographic survey of a tract in the Conway development and is limited to running cross-sections through the topo limits. Shots were taken with the use of a robotic total station and 360d prism mounted on a closed cab UTV. Horizontal and vertical control was established at the site with Leica SmartNET RTN.

07/21 – 02/22	**UP RR Corridor (Plaquemine) – LA DOTD Project No. H.012851** *Project Manager / QA/QC.* SJB Group performed a complete topographic survey including all utilities, depths and drainage, along with finish floor elevations of all buildings that fell within the survey limits at the intersection of LA 1 and Bayou Rd., and the intersection of Belleview Dr. and Railroad Ave.
03/21 – 05/22	**MovEBR Nicholson Segment 2 – City-Parish Project No. 20-CP-HC-0032** *Survey Project Manager.* A topographic survey with scanning, property and right-of-way survey, and subsurface utility engineering were completed by SJB Group for this project.
07/20 - Ongoing	**Rural Bridge Replacement Initiative - LA DOTD Contract No. 44-17597** *Project Manager.* Topographic surveys, right-of-way mapping, and road design performed for the proposed 33 bridge replacements for LA DOTD Districts 03, 07, 61, and 62 as a Sub-consultant. Each site required a complete topographic survey of the project limits, as well as a complete inventory for each drainage structure (type, size, length, and invert), and cross sections of all drainage ways.
03/20 – 12/21	**St. Francisville Sewer Treatment Plant, Pump Stations, and Force Mains** *Project Manager.* The project includes a topographic survey and boundary and servitude maps for the force main route (approximately 8,000 linear feet), pump station, and treatment plant site.
01/18 - 12/18	**I-49 Lake Charles – LA DOTD Project No. H.004273.5** *Liaison/Coordinator.* This project required topographic and property/Right-of-Way surveying maps for the proposed I-49 improvements in Lafayette. While working for Stantec, Mr. Estopinal served as in-house coordinator and liaison between Stantec and sub-contractor firms performing the surveying work on the project.
05/16 – 12/19	**Water Campus in Downtown Baton Rouge** *Project Manager.* A topographic survey and drainage design were completed for the Water Campus location in downtown Baton Rouge. Project included rehabbing five existing roads (Arches St, Aztec St, Gila St, Oklahoma St and Terrace Ave) and addition of the new Water St. Project progressed from survey to design to construction stakeout and construction administration.
09/95 – Ongoing	**Various Community Development Projects in Louisiana** *Surveyor of Record/Project Manager/Party Chief.* These projects included the topographic & boundary surveys of parent tracts, resubdivisions and Final Plat mapping dedicating new lots of records and Right-of-Ways for development projects, located primarily in southeastern parts of the State. Additionally work included the resurvey, resubdivision or combination of lots for non-development properties or commercial outparcels.

Firm employed by	SJB Group, LLC		
Name	**Colby Mire, LSI**	**Years of relevant experience with this employer**	6
Title	*Assistant Survey Department Manager*	**Years of relevant experience with other employer(s)**	0
Degree(s) / Years / Specialization	Bachelor of Science / 2015 / Construction Engineering Technology Southeastern Louisiana University		
Active registration number / state / expiration date	LSI.0000736 / Louisiana / 09.30.2024		
Year registered 2022	**Discipline** Land Surveyor Intern		
Contract role(s) / brief description of responsibilities	**Senior Survey Technician.** Mr. Mire has worked as a rodman, party chief, senior technician, and project manager for SJB Group. He has worked on numerous projects involving topographic, boundary, and right-of-way surveys, as well as mobile LiDAR scanning. His field experience includes numerous DOTD projects, boundary surveys, construction stakeouts, and topographic and right-of-way surveys throughout Louisiana. Mr. Mire is familiar with LA DOTD Location and Survey procedures, manuals, and software programs.		

Experience dates (mm/yy – mm/yy)	Experience and qualifications relevant to the proposed contract; ***i.e.***, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/22 – Ongoing	**S. Lewis St Widening - LA DOTD Project No. H.013522 (Prime: Meyers Engineers, Ltd.)** *Project Manager/Senior Technician.* This project consists of providing a topographic survey for the S. Lewis Street widening project in accordance with DOTD procedures. The topographic survey shall extend past the apparent right-of-way to accommodate the road widening.
06/22 – Ongoing	**US 167 - Camellia Blvd-Churchill Dr - LA DOTD Project No. H.013716 (Prime: Digital Engineering & Imaging, Inc.)** *Project Manager/Senior Technician.* This project includes thorough topographic survey of the area identifying trees, bushes/shrubs, utility poles, direction of overhead wires, type of pavement surfaces, water meters, sewer cleanouts, fences, water valves, manholes, drainage structures, gas meters, traffic signals, traffic signs, bus shelters, fire hydrants, type of drainage pipes, driveway width, etc. as well as perform Right-of-Way survey for the project limits.
07/21 – 02/22	**UP RR Corridor (Plaquemine) - LA DOTD Project No. H.012851** *Project Manager/Senior Technician.* This project included a topographic survey with all utilities and depths at the intersection of LA 1 and Bayou Road, and the intersection of Belleview Dr. and Railroad Ave.
04/21 – 07/21	**Hooper Road Widening (LA 3034 – LA 37) - LA DOTD Project No. H.009300.5** *Project Manager/Senior Technician.* A Topographic survey and subsurface utility engineering were completed by SJB for a one mile stretch of LA Hwy 408 in East Baton Rouge Parish, LA. The topographic survey was an update to a survey done previously by SJB and included locating and verifying all changes to the one mile site since the previous survey was completed in 2014.

07/20 - Ongoing	**Rural Bridge Replacement Initiative - LA DOTD Contract No. 44-17597** *Junior Project Manager.* Topographic surveys, right-of-way mapping, and road design performed for the proposed 33 bridge replacements for LA DOTD Districts 03, 07, 61, and 62 as a Sub-consultant. Each site required a complete topographic survey of the project limits, as well as a complete inventory for each drainage structure (type, size, length, and invert), and cross sections of all drainage ways.
04/20 – 11/20	**US 11 Norfolk Southern RR Overpass (HBI) - LA DOTD Project No. H.000688.5** *Junior Project Manager.* This project included topographic survey and mobile LiDAR scanning in St. Tammany Parish along US 11 between I-12 and US 190.
04/20 – 06/20	**US 90 - Pearl River Bridges (HBI) - LA DOTD Project No. H.000284.5** *Junior Project Manager.* Topographic survey and mobile LiDAR scanning along US 90 and west of Pearl River in St. Tammany Parish. The project began 3,000 feet west of the intersection between US 90 and US 190. The total distance of the survey once complete was 4,000 miles.
04/19 – 08/19	**LA 182 Barrow Street Bridge - LA DOTD Project No. H.012735.5** *Junior Project Manager.* SJB conducted a topographic survey and subsurface utility engineering Quality Level B for design. The purpose of this project was to replace a bridge structure located at the intersection of Park Avenue and Barrow street in downtown Houma.
04/19 – 08/19	**LA 1 / LA 415 Connector - LA DOTD Project No. H.05121.5** *Party Chief.* This project included a topographic survey and drainage map in West Baton Rouge Parish for the design of a future connector roadway from LA 415 to LA 1. The project ran along a corridor beginning north of the intersection of I-10 and LA 415 and continuing in a southeasterly direction to the intersection of Beaulieu Lane and LA 1. This project tied into existing topographic surveys for State Project No. H.004100 on the northern end and H.001234 on the southern end.
10/18 – 04/19	**I-10 Paris Road - Lake Pontchartrain - LA DOTD Project No. H.012591** *Junior Party Chief.* This project included complete topographic survey including utilities with depths and all drainage for an 8.24 mile stretch of Interstate 10 in New Orleans East. The project began near the I-510 overpass and ended at the bridge abutment of the I-10 bridge over Lake Pontchartrain.
07/17 – 01/19	**I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59) - LA DOTD Project Nos. H.011137 and H.011152** *Junior Party Chief.* SJB Group was prime on these projects and performed Topographic Survey alongside Lazenby.
06/17 – 02/18	**US 190 Collins Blvd Widening - LA DOTD Project No. H. 004987** *Junior Party Chief.* SJB performed a topographic survey and a drainage map in St. Tammany Parish. The project began 2,770 feet north of the intersection of North Collins Blvd (Hwy 190) and Branch Crossing Dr. From this point, the project proceeded south along North Collins Blvd. for approximately 3.5 miles, ending 920 feet south of the intersection of Rogers Lane and Hwy 190. This project allowed for improvements along North Collins.

Firm employed by	SJB Group, LLC			
Name	**Elvis Nguyen**		**Years of relevant experience with this employer**	7
Title	*Field Crew Coordinator*		**Years of relevant experience with other employer(s)**	6
Degree(s) / Years / Specialization		N/A		
Active registration number / state / expiration date		N/A		
Year registered	N/A	**Discipline**	N/A	
Contract role(s) / brief description of responsibilities		**Senior Survey Technician.** Mr. Nguyen has more than thirteen years of experience in the land surveying field. He has lead field crews in performing boundary, topographic, right-of-way, and construction stakeout surveys throughout the State of Louisiana and is capable of leading a crew in remote areas. He is familiar with topographic and right-of-way map requirements of the EBR Department of Public Works and LA DOTD. Mr. Nguyen was recently promoted within SJB Group to Field Crew Coordinator and works as a Senior Technician.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
03/22 – Ongoing	**LA 385: Ryan Street Intersection Improvements - LA DOTD Project No. H.012685.5** *Party Chief/Senior Technician.* A Topographic survey was required in Calcasieu Parish, LA near the intersection of I-210 and LA 385 (Ryan St) and near the campus of McNeese State University. The survey includes all utilities and all drainage, along with finish floor elevations of all buildings that fell within the survey limits. The total linear distance was approximately 2.67 miles.
02/22 – 06/22	**LA 3021: Dual Turn Lanes @ LA 39 - LA DOTD Project No. H.014752.5** *Party Chief.* LA DOTD tasked SJB Group to perform a topographic survey in Orleans Parish, Louisiana. The survey was located at the intersection of LA 39 (N. Claiborne Ave.) and LA 46 (Elysian Fields Ave.), and included all utilities with depths, drainage, and finish floor elevations of all buildings within the survey limits. The project had a total linear distance of approximately 3,600 feet.
08/21 – 11/21	**LA 109: Gully Bridge - LADOTD Project No. H.012041.5** *Party Chief.* A topographic survey was performed including all utilities with depths and drainage, and floor elevations of all buildings that fall within the survey limits in Calcasieu Parish near the intersection of I-12 and LA 109.
07/21 – 02/22	**UP RR Corridor (Plaquemine) – LA DOTD Project No. H.012851** *Party Chief.* SJB Group performed a topographic survey with all utilities and depths at the intersection of LA 1 and Bayou Rd., and the intersection of Belleview Dr. and Railroad Ave.
07/20 - Ongoing	**Rural Bridge Replacement Initiative - LA DOTD Contract No. 44-17597** *Senior Technician.* Topographic surveys, right-of-way mapping, and road design performed for the proposed 33 bridge replacements for LA DOTD Districts 03, 07, 61, and 62 as a Sub-consultant. Each site required a complete topographic survey of

	the project limits, as well as a complete inventory for each drainage structure (type, size, length, and invert), and cross sections of all drainage ways.
04/20 – 11/20	**US 11 Norfolk Southern RR Overpass (HBI) – LA DOTD Project No. H.000688.5** *Party Chief*. This project included topographic survey and mobile LiDAR scanning in St. Tammany Parish along US 11 between I-12 and US 190.
01/20 – 08/20	**LA 73: US 61 (Airline) – Essen Lane – LA DOTD Project No. H.010652.5** *Party Chief*. SJB Group LLC performed a topographic survey of LA 73 (Jefferson Highway) between US 61 (Airline Highway) and LA 3064 (Essen Lane) for a total distance of approximately 2.2 miles. This project allowed for the replacement of existing pavement and repairing of curbing and sidewalks.
08/19 – 11/19	**LA 3002 Access Management – LA DOTD Project No. H.011645.5** *Party Chief.* SJB Group LLC performed a topographic survey of LA 3002 (Range Avenue) for a total distance of 1.033 miles. This project required a combination of conventional surveying methods and mobile LIDAR to collect data for the repair of curbing and to add "J-Turn" lanes to Range Avenue.
01/19 – 05/19	**LA 182 Barrow Street Bridge – LADOTD Project No. H.012735.5** *Party Chief.* SJB Group was contracted to provide a topographic survey and subsurface utility engineering Quality Level B for design. The purpose of this project was to replace a bridge structure located at the intersection of Park Avenue and Barrow street in downtown Houma.
04/19 – 08/19	**LA 1 / LA 415 Connector – LA DOTD Project No. H.05121.5** *Party Chief.* SJB Group LLC performed a topographic survey and drainage map in West Baton Rouge Parish for the design of a future connector roadway from LA 415 to LA 1. The project ran along a corridor beginning north of the intersection of I-10 and LA 415 and continuing in a southeasterly direction to the intersection of Beaulieu Lane and LA 1. This project tied into existing topographic surveys for S.P. No H.004100 on the northern end and H.001234 on the southern end.
10/18 – 04/19	**I-10 Paris Road – Lake Pontchartrain – LA DOTD Project No. H.012591** *Party Chief.* SJB Group provided a complete topographic survey including utilities with depths and all drainage for an 8.24 mile stretch of Interstate 10 in New Orleans East. The project began near the I-510 overpass and ended at the bridge abutment of the I-10 bridge over Lake Pontchartrain. This project included topographic survey, LiDAR scanning, and SUE.
05/18 – 12/18	**I-10: Loyola Interchange Improvements – LA DOTD Project No. H.011670.5** *Party Chief.* SJB Group performed a full topographic survey, Quality Level B SUE, and utility surveying for the design of an overpass connector for the interchange of Loyola and I-10 in New Orleans providing additional access to the New Orleans Airport.
06/17 – 02/18	**US 190 Collins Blvd Widening – LA DOTD Project No. H.004987** *Party Chief*. SJB performed a topographic and boundary survey 2,770 feet north of the intersection of North Collins Blvd. (Hwy 190) and Branch Crossing Dr. in St. Tammany Parish. SJB Group also produced a drainage map for this project. This project allowed for improvements along North Collins.

Firm employed by	SJB Group, LLC			
Name	**Tuesdie Savoy**	**Years of experience with this firm/employer**	1	
Title	*CAD Technician*	**Years of experience with other firm(s)/employer(s)**	30	
Degree(s) / Years / Specialization		Associates of Science / 1989 / Drafting and Design Ascension Technical Institute		
Active registration number / state / expiration date		N/A		
Year registered	N/A	**Discipline**	N/A	
Contract role(s) / brief description of responsibilities		**Senior Survey (CAD) Technician.** Ms. Savoy has been in the Drafting and Design Industry for 30 years across several disciplines in both oil and gas and the Municipal sector. She has worked as a CAD Technician on several road widening projects, multi-use path projects, and sidewalks projects for the State of Louisiana and City-Parish governments.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
06/22 – Ongoing	**US 167 - Camellia Blvd-Churchill Dr - LA DOTD Project No. H.013716 (Prime: Digital Engineering & Imaging, Inc.)** *CAD Technician.* This project includes a thorough topographic survey of the area identifying trees, bushes/shrubs, utility poles, direction of overhead wires, type of pavement surfaces, water meters, sewer cleanouts, fences, water valves, manholes, drainage structures, gas meters, traffic signals, traffic signs, bus shelters, fire hydrants, type of drainage pipes, driveway width, etc. as well as perform Right-of-Way survey for the project limits.
04/22 – 09/22	**Pelican State Credit Union (Prime: FMM Maintenance)** *CAD Technician.* This project included topographic survey, construction documents, and permitting for the existing Pelican State Credit Union Branch drainage improvements on O'Neal Lane in Baton Rouge.
03/22 – 05/22	**Southern University Campus (Prime: PEC)** *CAD Technician.* Topographic survey and Boundary Survey were completed in support of drainage repair and road overlay project at the Southern University Campus in Baton Rouge, LA.
02/22 – 06/22	**LA 3021: Dual Turn Lanes @ LA 38 – LA DOTD Project No. H.014752.5** *CAD Technician.* LA DOTD tasked SJB Group to perform a topographic survey in Orleans Parish, Louisiana. The survey was located at the intersection of LA 39 (N. Claiborne Ave.) and LA 46 (Elysian Fields Ave.), and included all utilities with depths, drainage, and finish floor elevations of all buildings within the survey limits. The project had a total linear distance of approximately 3,600 feet.
02/22 – Ongoing	**Livonia Acres Residential Subdivision (Prime: Pointe Prospect, LLC)** *CAD Technician.* This project includes Boundary Survey and Re-subdivision, Topographic Survey, SUE, Drainage Impact Study, Construction Drawings, Construction Staking, Final Plat, and As-Built Drawings.

02/22 – Ongoing	**Roddy Road @ LA 933 Roundabout - Parish of Ascension Project No. MA-19-03** *CAD Technician.* This project includes road design, topographic survey and Right-of-Way maps in accordance with LA DOTD Location and Survey Manual for the design of a single lane asphalt roundabout at the intersection of Roddy Road and LA 933 in Gonzales, LA.
01/22 – Ongoing	**Siegen-Holiday Circle Public Dedication (Prime: Stantec Consulting)** *CAD Technician.* Boundary/Servitude Survey and Partial Topographic Survey of the Siegen Plaza site on Siegen Lane, Baton Rouge, LA.
12/21 – 02/22	**Materra/Woman's Hospital/Airline (Prime: Stantec Consulting)** *CAD Technician.* Topographic Survey and Re-subdivision Map.
12/21 – Ongoing	**MOVEBR – Synchronization and Communication Signal Rebuilds Group 2** *CAD Technician.* Drafting Field Roll Packages.
10/21 – 3/22	**I-110: North to Plank Road – LA DOTD Project No. H.010319.5 (Prime: Buchart Horn)** *CAD Technician.* SJB Group completed the topographic survey and drawings for the stretch of I-110 from North to Plank Road.
09/21 – Ongoing	**MOVEBR – S. Sherwood Forest Boulevard Sidewalks – City-Parish Project No. 20-EN-HC-0026** *CAD Technician.* Drafting Plan and Profile Sheets.
09/21 – Ongoing	**MOVEBR – Sherwood Forest Boulevard Multi-Use Path – City-Parish Project No. 20-EN-HC-0027** *CAD Technician.* Drafting Plan and Profile Sheets.
07/21 – 09/22	**I-10: LA 415 to Essen – LA DOTD Project No. H.004100** *CAD Technician.* SJB Group performed the property survey, title takeoffs, and right-of-way maps for the segment of I-10 from LA 415 to Essen Lane.
10/20 - Ongoing	**MovEBR – Siegen at Highland Intersection Improvements – City-Parish Project No. 20-CP-HC-0004** *CAD Technician.* SJB Group has completed the topographic survey for this project and has received a Supplement 1 Task Order to perform the property survey and right-of-way maps for the intersection.
07/20 - Ongoing	**Rural Bridge Replacement Initiative - LA DOTD Contract No. 44-17597** *CAD Technician.* Topographic surveys, right-of-way mapping, and road design performed for the proposed 33 bridge replacements for LA DOTD Districts 03, 07, 61, and 62 as a Sub-consultant. Each site required a complete topographic survey of the project limits, as well as a complete inventory for each drainage structure (type, size, length, and invert), and cross sections of all drainage ways.
7/17 – 11/20	**Raven Petroleum Facility** *CAD Technician.* Developed grading plans, site plans, foundations and steel drawing for various equipment and supports, steel structures and platforms for equipment access, ground flare yard grading and supports.

Firm employed by SJB Group, LLC			
Name	**James Duke Koontz**	**Years of experience with this firm/employer**	1
Title	*Survey Party Chief*	**Years of experience with other firm(s)/employer(s)**	34
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A **Discipline**	N/A	
Contract role(s) / brief description of responsibilities		**Survey Party Chief.** Mr. Koontz has over thirty years of experience as a survey party chief, field coordinator, and survey technician. Accuracy and completeness of data is Mr. Koontz's utmost priority. He has extensive experience throughout the State of Louisiana performing boundary, construction stakeout, as-built, ALTA, topographic, hydrographic and right-of-way surveys using both conventional and GPS instruments.	

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
09/22 – Ongoing	**US 90: Tulane Avenue – Danzinger Bridge – LA DOTD Project No. H.014886.5 (Prime: Stanley Consulting)** *Party Chief.* SJB Group is providing the topographic survey and LiDAR Scan as a sub-consultant to Stanley Consulting for the LA DOTD Tulane Avenue to Danzinger Bridge project along US 90.
09/22 - Ongoing	**LA 73 at Cornerview Roundabout – Parish of Ascension Project No. MA-22-04** *Party Chief.* SJB Group is providing the topographic survey, road design, drainage design, right-of-way-maps, and SUE Quality Level C services for the placement of a roundabout at LA 73 and Cornerview Road in Ascension Parish.
07/22 – Ongoing	**S. Lewis St Widening - LA DOTD Project No. H.013522 (Prime: Meyers Engineers, Ltd.)** *Party Chief.* This project consists of providing a topographic survey for the S. Lewis Street widening project in accordance with DOTD procedures. The topographic survey shall extend past the apparent right-of-way to accommodate the road widening.
06/22 – Ongoing	**US 167 - Camellia Blvd-Churchill Dr - LA DOTD Project No. H.013716 (Prime: Digital Engineering & Imaging, Inc.)** *Party Chief.* This project includes thorough topographic survey of the area identifying trees, bushes/shrubs, utility poles, direction of overhead wires, type of pavement surfaces, water meters, sewer cleanouts, fences, water valves, manholes, drainage structures, gas meters, traffic signals, traffic signs, bus shelters, fire hydrants, type of drainage pipes, driveway width, etc. as well as perform Right-of-Way survey for the project limits.
02/22 – 06/22	**LA 3021: Dual Turn Lanes @ LA 38 – LA DOTD Project No. H.014752.5** *Party Chief.* LA DOTD tasked SJB Group to perform a topographic survey in Orleans Parish, Louisiana. The survey was located at the intersection of LA 39 (N. Claiborne Ave.) and LA 46 (Elysian Fields Ave.), and included all utilities with depths, drainage, and finish floor elevations of all buildings within the survey limits. The project had a total linear distance of approximately 3,600 feet.
02/22 – Ongoing	**Livonia Acres Residential Subdivision (Prime: Pointe Prospect, LLC)**

	Party Chief. This project includes Boundary Survey and Re-subdivision, Topographic Survey, SUE, Drainage Impact Study, Construction Drawings, Construction Staking, Final Plat, and As-Built Drawings.
02/22 – Ongoing	**Roddy Road @ LA 933 Roundabout - Parish of Ascension Project No. MA-19-03** *Party Chief.* This project includes road design, topographic survey and Right-of-Way maps in accordance with LA DOTD Location and Survey Manual for the design of a single lane asphalt roundabout at the intersection of Roddy Road and LA 933 in Gonzales, LA.
01/22 – Ongoing	**Siegen-Holiday Circle Public Dedication (Prime: Stantec Consulting)** *Party Chief.* Boundary/Servitude Survey and Partial Topographic Survey of the Siegen Plaza site on Siegen Lane, Baton Rouge, LA.
12/21 – 02/22	**Materra/Woman's Hospital/Airline (Prime: Stantec Consulting)** *Party Chief.* Topographic Survey and Re-subdivision Map.
10/21 – 3/22	**I-110: North to Plank Road – LA DOTD Project No. H.010319.5 (Prime: Buchart Horn)** *Party Chief.* SJB Group completed the topographic survey for the stretch of I-110 from North to Plank Road.
06/21 – 10/22	**LA 56: Boudreaux Canal MB Replacement – LA DOTD Project No. H.002244.5** *Party Chief.* This project included property surveys, title take offs, and a right-of-way map along LA 56.
04/21 - Ongoing	**MovEBR Nicholson Segment 2 – City-Parish Project No. 20-CP-HC-0032** *Party Chief.* SJB Group is providing the topographic survey, property survey, right-of-way mapping, and SUE Quality Level B & C services.
03/21 - Ongoing	**MovEBR Lee Drive (Highland Road – Siegen Road) – City-Parish Project No. 20-CP-HC-0044** *Party Chief.* SJB Group is providing the topographic survey, right-of-way survey and mapping, and Quality Level C SUE along Lee Drive as a sub-consultant to Arcadis.
07/20 - Ongoing	**Rural Bridge Replacement Initiative - LA DOTD Contract No. 44-17597** *Party Chief.* Topographic surveys, right-of-way mapping, and road design performed for the proposed 33 bridge replacements for LA DOTD Districts 03, 07, 61, and 62 as a Sub-consultant. Each site required a complete topographic survey of the project limits, as well as a complete inventory for each drainage structure (type, size, length, and invert), and cross sections of all drainage ways.
11/19 – 06/22	**LA 1026: Roundabout at Eden Church Road – LA DOTD Project No. H.012348.5** *Party Chief.* This project included property surveys, title take offs, and a right-of-way map to prepare for the placement of a roundabout at Eden Church Road on LA 1026.

Firm employed by	SJB Group, LLC		
Name	**Tyler Foster**	**Years of experience with this firm/employer**	6
Title	*CAD Technician*	**Years of experience with other firm(s)/employer(s)**	0
Degree(s) / Years / Specialization		Associates of Science / 2016 / Drafting and Design Technology ITI Technical College	
Active registration number / state / expiration date		N/A	
Year registered	N/A	**Discipline**	N/A
Contract role(s) / brief description of responsibilities		**SUE CAD Operator.** Mr. Foster is involved with the preparation of boundary surveys, right-of-way maps, topographic surveys, utility mapping, stakeout computations, and as-built survey maps. Additionally, he has experience in the preparation of SUE field sketches, electronic drawings, Quality Level B deliverable maps, and Quality Level A test hole data forms. He has experience in design and drafting using CAD design software packages as well as MicroStation In Roads.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; ***i.e.***, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
08/21 – 03/22	**UPRR Corridor (Plaquemine) – LA DOTD Project No. H.012851** *CAD Technician.* SJB Group performed Quality Level B, C, and D subsurface utility engineering and utility surveying for the project located in Iberville Parish along the Union Pacific Railroad Corridor between the intersection of LA 1 and Bayou Road and the intersection of Belleview Drive and Railroad Avenue.
04/21 – 07/21	**Hooper Road Widening (LA 3034 – LA 37) – LA DOTD Project No. H.009300.5** *CAD Technician.* SJB performed a topographic survey, subsurface utility engineering, and an update of an existing drainage map for a one mile stretch of LA Hwy 408. The topographic survey was an update to a survey done previously by SJB and included locating and verifying all changes to the one mile site since the previous survey was completed.
03/21 – 06/21	**LA 91: Bayou Plaquemine Brusly Bridge Replacement – LA DOTD Project No. H.010885.5** *CAD Technician.* SJB Group performed a topographic survey for Louisiana Department of Transportation and Development for a bridge replacement of the Bayou Plaquemine/Brusly Bridge.
12/19 – 01/20	**Nelson Road Extension & Bridge – LA DOTD Project No. H.005967** *CAD Technician.* The project was located along the Nelson Road corridor, which is located south of Contraband Bayou in Calcasieu Parish, near Lake Charles, Louisiana. The project included the realignment of Nelson Road, new bridge construction, and relocation of an existing railroad. SJB performed ASCE 38-02 Quality Level B services throughout the project limits and ASCE 38-02 Quality Level A services for all utility lines greater than 4" in diameter crossing the survey alignment.

11/19 – 10/21	**US 190: LA 437 – US 190 BUS (PH 1) – LA DOTD Project No. H.001344** *CAD Technician.* This project required the roadway widening located along US 190 from LA 437 to US 190 (BUS) and adding a new westbound bridge over the Bogue Falaya River in St. Tammy Parish in the City of Covington, LA. SJB Group performed Quality Level A and B SUE for design conflicts.
01/19 – 08/19	**LA 182 Barrow Street Bridge – LA DOTD Project No. H.012735** *CAD Technician.* SJB Group was hired by LA DOTD to provide Quality Level B SUE throughout Topographic Survey limits.
11/18 – 07/19	**Plank Road and Florida Blvd – Baton Rouge Transit** *CAD Technician.* SJB Group performed subsurface utility engineering and utility surveying for the design of new bus stops for the Capital Area Transit System along Florida Boulevard and Plank Road in East Baton Rouge Parish. This project required ASCE 38-02 Quality Level B services at certain locations where bus stops were being proposed in order to eliminate conflicts with underground utilities.
05/18 – 11/18	**I-10 Loyola Interchange Improvements – LA DOTD Project No. H.011670** *CAD Technician.* SJB Group performed SUE and utility surveying for the design of an overpass connector for the interchange of Loyola and I-10 in New Orleans providing additional access to the New Orleans Airport. This project required ASCE 38-02 Quality Level B services throughout the entire project limits and all associated surveying including above ground utility lines and features.
07/17 – 11/17	**I-12: US 190 to LA 59 – LA DOTD Project No. H.011152** *CAD Technician.* SJB Group, LLC performed subsurface utility engineering for a topographic survey to extend the existing topographic survey limits in nine areas. The additional topographic survey and ASCE Quality Level B locating services was performed along LA 59, north and south of I-12 in St Tammany Parish. SJB Group also performed the topographic survey of the original and extended limits.
10/16 – 10/16	**LA 44 Turn Lane at LA 621 – LA DOTD Project No. H.009956** *CAD Technician.* SJB Group was hired to perform SUE services for the LA 44 Turn Lane at LA 621 in Ascension Parish for LA DOTD under the retainer contract.
05/16 – 02/17	**Chef Menteur Pass Bridges and Approaches – LA DOTD Project No. H.000263.5** *CAD Technician.* SJB Group provided a topographic survey and subsurface utility engineering services for a proposed bridge replacement in Orleans Parish. Mr. Foster designed drainage maps and utility sheets.
02/16 – 02/17	**Hooper Road Extension – Rt. LA 408 – LA DOTD Project No. H.005403.5** *CAD Technician.* SJB Group performed a topographic survey of utilities and their depths as well as drainage maps. The survey was for the extension of Hooper Road across the Amite River. Mr. Foster created primary control data sheets, drainage maps, and utility sheets.

Firm employed by	ELOS Environmental, LLC		Meets MPR No. 1
Name	Lucas Watkins	Years of relevant experience with this employer	16
Title	Principal / Environmental Scientist	Years of relevant experience with other employer(s)	6

Degree(s) / Years / Specialization	BS/ 2000 / Forest Management MS / 2005 / Biological Sciences
Active registration number / state / expiration date	LDAF Certified Arborist, No. 19-1827
Year registered: 2010 / Discipline	Arborist
Contract role(s) / brief description of responsibilities	Mr. Watkins will serve as the principal (MPR #1), providing leadership, direction, senior-level oversight, and quality control for all aspects of the project.

Experience dates	Experience and qualifications relevant to the proposed contract
Lucas Watkins is the President and founding Principal of ELOS. His experience includes environmental regulatory compliance and project management. This includes the management of large-scale, multi-faceted projects, such as disaster recovery debris removal efforts, wetland restoration implementation, government grant management, and complex construction projects. His key strengths include wetland delineations, wetland permitting, wetland restoration, NEPA compliance, ASTM Phase I ESAs, stormwater management, FERC regulatory overview and guidance, endangered species surveys, and timber and forest management. He has substantial experience in permitting municipal infrastructure, levees, borrow pits, oil and gas exploration, productions, and transmission activities as well as working on other public and private sector environmental-related issues. Mr. Watkins works to ensure that ELOS acquires the best tools and techniques to guarantee efficient and cost-effective delivery of services to clients.	
09/20 – Ongoing	**S.P. H.008915.2, LA 3234 EXTENSION TO HAMMOND AIRPORT EA (LADOTD, N-Y ASSOCIATES)** Principal. Provided senior-level oversight and quality control for final reports. This project included a wetland delineation, section 404 and 401 permit applications, cultural resources site visit and report, and a threatened and endangered species survey.
08/20 – Ongoing	**S.P. H.013958, RURAL BRIDGE INITIATIVE – CARPENTERS BR RD OVER WHISKEY CHITTO CR (LADOTD, BURK-KLEINPETER, INC.)** Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 03/22	**S.P. H.013959, RURAL BRIDGE INITIATIVE – REEDS BRIDGE ROAD OVER CALCASIEU RIVER RELIEF (LADOTD, BURK-KLEINPETER, INC.)** Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 01/22	**S.P. H.013963, RURAL BRIDGE INITIATIVE – UNNAMED WATERWAY ROUTE (LADOTD, BURK-KLEINPETER, INC.)** Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 09/21	**S.P. H.013966, RURAL BRIDGE INITIATIVE – LA 321: CREEK BRIDGES (LADOTD, BURK-KLEINPETER, INC.)**

	Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 09/21	S.P. H.013968, RURAL BRIDGE INITIATIVE – LA 404: BAYOU AND CANAL BRIDGES (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation and permit applications.
08/20 – 02/22	S.P. H.013970, RURAL BRIDGE INITIATIVE – LA 717: KLONDIKE CANAL AND BAYOU BRIDGES (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – Ongoing	S.P. H.013976, RURAL BRIDGE INITIATIVE – LA 376: BAYOU BRIDGES (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 01/22	S.P. H.013982, RURAL BRIDGE INITIATIVE – LA 10 SPUR, LA 1042: BRIDGES NEAR GREENSBURG (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation and permit applications.
08/20 – Ongoing	S.P. H.013984, RURAL BRIDGE INITIATIVE – LA-0016/WRIGHT'S CREEK, HOLDEN'S CREEK, UNNAMED DRAIN, TALLEY'S CREEK, BERRY'S CREEK (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 01/22	S.P. H.013996, RURAL BRIDGE INITIATIVE – LA 1074, LA 1075: BRIDGES NEAR RIO (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 09/21	S.P. H.013989, RURAL BRIDGE INITIATIVE – GRAYBOW ROAD/PALMETTO CREEK (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/17 – 07/18	I-10 HIGHLAND LA 73 DESIGN-BUILD - EAST BATON ROUGE PARISH, LA TO ASCENSION PARISH, LA (LADOTD, SIGMA CONSULTING GROUP, INC.) Project Manager. Environmental compliance manager responsible for permitting and construction monitoring for the fast-track interstate widening project from Highland Road in Baton Rouge to LA 73 in Prairieville.
03/14 – 06/17	LOUISIANA-3234 EXTENSION - TANGIPAHOA PARISH, LOUISIANA (LADOTD, N-Y ASSOCIATES INC.)

[redacted]

Firm employed by	ELOS Environmental, LLC		Meets MPR No. 1
Name	Jerry V. Graves, Ph.D.	Years of relevant experience with this employer	<1
Title	Vice President of Coastal Resilience	Years of relevant experience with other employer(s)	19

Degree(s) / Years / Specialization	PhD. / 2012 / Urban Studies MPA / 2007 / Hazard Policy BA / 2003 / Political Science
Active registration number / state / expiration date	N/A
Year registered: N/A — Discipline	N/A
Contract role(s) / brief description of responsibilities	Mr. Graves will serve as a senior environmental scientist and project management planner.

Experience dates	Experience and qualifications relevant to the proposed contract
	Jerry V. Graves specializes in project management, urban and environmental planning, and emergency management. Dr. Graves is an experienced hazard mitigation, resilience, and coastal restoration planner. He is also an experienced administrator who previously worked in the public sector for over a decade. Dr. Graves currently serves as the Vice President of Coastal Resilience at ELOS, where he provides a wide range of project management and consulting services to clients throughout the region.
09/22 - Ongoing	**LOUISIANA DEPARTMENT OF WILDLIFE AND FISHERIES CONSULTING SERVICES - BATON ROUGE, LA.** Serves as project manager for an agency-wide project funding strategy effort and writes grants for a variety of federal programs.
01/16 - Ongoing	**ST. BERNARD PARISH COASTAL PROGRAM CONSULTING - ST. BERNARD PARISH, LA.** Serves as project manager for Graves Public Services (2016-2020), Arcadis (2020-2022), and ELOS (2022-currently), while supporting all coastal restoration planning, funding, and implementation efforts in St. Bernard Parish.
08/22 - Ongoing	**JEFFERSON PARISH COASTAL PROGRAM CONSULTING - JEFFERSON PARISH, LA.** Serves as project manager in support of the parish's effort to develop a management and mitigation strategy for the sustainable redevelopment of Grand Isle, LA.
01/20 – 07/22	**CPRA ENVIRONMENTAL CONSULTING SERVICES - BATON ROUGE, LA.** Served as project manager for Arcadis during the CPRA 2023 State Master Plan process and oversaw the development and implementation of the agency's construction cost estimation tool and project database.
01/20 – 07/22	**LOUISIANA WATERSHED INITIATIVE (LWI) PROGRAM CONSULTING - BATON ROUGE, LA.** Served as project manager for Arcadis (sub-consultant to CSRS) during the development of the LWI Regional Planning Framework and Nonstructural Mitigation Program Alignment Guidance for State Agencies.
01/21 – 07/22	**FLORIDA DEPARTMENT OF ECONOMIC OPPORTUNITY (DEO) CDBG-MIT PROGRAM CONSULTING - TALLAHASSEE, FL.** Served as project manager for Arcadis (sub-consultant to CRI) during the development and implementation of DEO's CDBG-MIT program.

01/18 – 09/20	ST. BERNARD PORT, HARBOR, AND TERMINAL DISTRICT GRANT SERVICES - CHALMETTE, LA. Served as principal consultant (Graves Public Services) and provided funding strategy and grant writing services for port security and development projects.
02/15 – 09/17	RAPIDES AREA PLANNING COMMISSION RESILIENCE PLAN - ALEXANDRIA, LA. Served as senior consultant (Graves Public Services) as a subcontractor to Frye-Magee to develop a comprehensive resilience plan for Rapides Parish.

Firm employed by	ELOS Environmental, LLC			Meets MPR No. 2
Name	Brian Fortson		Years of relevant experience with this employer	7
Title	Senior Ecologist		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization			Juris Doctorate/2006/Civil Cum Laude BS/1995/Wetland Ecology	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Fortson will serve as the Senior Environmental Scientist and provide regulatory agency guidance. Brian's extensive knowledge of state and federal environmental regulations enables him to navigate the permitting process.	

Experience dates	Experience and qualifications relevant to the proposed contract
Mr. Fortson has 30+ years of environmental experience with permitting various complex developmental infrastructure projects. Mr. Fortson serves as a Senior Environmental Scientist at ELOS, working with regulatory agencies such as USDA, NRCS, FEMA, USACE, DNR, and LDEQ. Brian's knowledge of state and federal environmental regulations and years of experience enables him to navigate the permitting process. Mr. Fortson also provides senior guidance to the environmental scientists at ELOS on vegetation identification and threatened and endangered species surveys.	
01/15 – 01/16	**STATE PROJECT NO. STP-445-1(002), US 51 BUSINESS (LA 22 TO I-12) (LADOTD, N-Y ASSOCIATES)** Senior Environmental Scientist. Mr. Fortson supervised and participated in field investigations to support wetland delineations and findings reports, biological surveys, and threatened and endangered species reports. He also provided coordination among natural resource agencies, consultation with landowners, and outreach to public groups.
08/17 – 07/18	**S.P. H.972275, LAND USE AND TRANSPORTATION STUDY HARRISON AVE EXT (LADOTD, PROFESSIONAL ENGINEERING CONSULTANTS CORP.)** Senior Environmental Scientist. Assisted in the preparation of a DOTD Stage 0 Environmental Checklist for the extension of Harrison Avenue in Abita Springs from LA 59 to LA 36, a distance of 1.7 miles. Desktop and field data were collected to identify relevant resources in the project area. He assisted in the identification of land use, wetlands, community facilities, recreational assets, historic and cultural sites, and hazardous waste sites.
09/17 – 02/21	**S.P. H.008915.2, LA 3234 EXTENSION TO HAMMOND AIRPORT ENVIRONMENTAL ASSESSMENT (LADOTD, N-Y ASSOCIATES)** Senior Environmental Scientist. Responsible for the supervision of fieldwork, wetland delineations, biological surveys, wetland value assessments, and Section 404 application for three alternative alignments being studied for the extension of E. University Avenue from LA 1065 to the Hammond Airport.
05/21 – 03/22	**ST. TAMMANY TRACE BRIDGE REPLACEMENT** Senior Environmental Scientist. Served as a Project Manager overseeing the permitting process, coordinating with regulatory agencies, and providing senior-level insight for the replacement of the Trace Bridge over Little Bayou Castine on Tammany Trace.

Firm employed by	ELOS Environmental, LLC			Meets MPR No. 2
Name	Cory Ricks		Years of relevant experience with this employer	6
Title	Project Manager / Environmental Scientist		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			BS / 2015 / Biology	
Active registration number / state / expiration date			R-I-99273-17-01464	
Year registered	2017	Discipline	proActive Safety Services Renovator Initial	
Contract role(s) / brief description of responsibilities			Cory will serve as the Project Manager, providing his expertise for wetland delineations and jurisdictional determinations, as well as managing the collection of field data and the development of reports.	

Experience dates	Experience and qualifications relevant to the proposed contract
Mr. Ricks serves as ELOS's wetland delineation specialist. Mr. Ricks has led wetland delineation efforts for multiple projects for local entities, mitigation banks, and infrastructure developments. He has provided assistance with NEPA documentation, permitting, GIS mapping, and cultural resources for a variety of projects. He currently manages a team of environmental scientists, field biologists, and data processors who all assist on a variety of environmental and disaster recovery projects.	
08/20 – Ongoing	**S.P. H.013958, RURAL BRIDGE INITIATIVE – CARPENTERS BR RD OVER WHISKEY CHITTO CR (LADOTD, BURK-KLEINPETER, INC.)** Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 03/22	**S.P. H.013959, RURAL BRIDGE INITIATIVE – REEDS BRIDGE ROAD OVER CALCASIEU RIVER RELIEF (LADOTD, BURK-KLEINPETER, INC.)** Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 01/22	**S.P. H.013963, RURAL BRIDGE INITIATIVE – UNNAMED WATERWAY ROUTE (LADOTD, BURK-KLEINPETER, INC.)** Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 09/21	**S.P. H.013966, RURAL BRIDGE INITIATIVE – LA 321: CREEK BRIDGES (LADOTD, BURK-KLEINPETER, INC.)** Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 09/21	**S.P. H.013968, RURAL BRIDGE INITIATIVE – LA 404: BAYOU AND CANAL BRIDGES (LADOTD, BURK-KLEINPETER, INC.)** Project Manager. This bridge replacement project included a wetland delineation and permit applications.

08/20 – 02/22	S.P. H.013970, RURAL BRIDGE INITIATIVE – LA 717: KLONDIKE CANAL AND BAYOU BRIDGES (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – Ongoing	S.P. H.013976, RURAL BRIDGE INITIATIVE – LA 376: BAYOU BRIDGES (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 01/22	S.P. H.013982, RURAL BRIDGE INITIATIVE – LA 10 SPUR, LA 1042: BRIDGES NEAR GREENSBURG (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation and permit applications.
08/20 – Ongoing	S.P. H.013984, RURAL BRIDGE INITIATIVE – LA-0016/WRIGHT'S CREEK, HOLDEN'S CREEK, UNNAMED DRAIN, TALLEY'S CREEK, BERRY'S CREEK (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 01/22	S.P. H.013996, RURAL BRIDGE INITIATIVE – LA 1074, LA 1075: BRIDGES NEAR RIO (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 09/21	S.P. H.013989, RURAL BRIDGE INITIATIVE – GRAYBOW ROAD/PALMETTO CREEK (LADOTD, BURK-KLEINPETER, INC.) Project Manager. This bridge replacement project included a wetland delineation, permit applications, and a threatened and endangered species survey.
07/16 – Ongoing	S.P. H.008915.2, LA 3234 EXTENSION TO HAMMOND AIRPORT EA (LADOTD, N-Y ASSOCIATES) Environmental Scientist. Performed the wetland delineation for all three routes and provided a report of the findings. Provided assistance for GIS mapping of the Wetlands Findings Report, Phase 1 Environmental Assessment Survey, and the Biological Assessment Survey. Provided a report of the threatened and endangered species known in the project area. Lead efforts on providing stream and waterbody data for each report. This project included a wetland delineation, section 404 and 401 permit applications, cultural resources site visit and report, and a threatened and endangered species survey.
10/17 – Ongoing	MOVE ASCENSION TRANSPORTATION MASTER PLAN DEVELOPMENT AND IMPLEMENTATION Environmental Scientist. Conducted wetland delineations and managed field crews conducting delineations.

Firm employed by	ELOS Environmental, LLC			Meets MPR No. 2
Name	Basile Dardar		Years of relevant experience with this employer	1
Title	Biologist		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization			BS/2014/Biological Sciences	
Active registration number / state / expiration date			NA	
Year registered	NA	Discipline	NA	
Contract role(s) / brief description of responsibilities			Mr. Dardar will serve as the Environmental Biologist, providing his expertise for inspections, permitting, environmental surveying, developing reports, research, sampling, testing, and coordinating with agencies and clients.	

Experience dates	Experience and qualifications relevant to the proposed contract
Mr. Dardar provides environmental expertise, accurate reporting, and a high degree of professionalism to every project. Mr. Dardar is also a certified oyster biologist, as well as a certified diver.	
08/20-08/22	**S.P. H.013958, Rural Bridge Initiative – Carpenters Br Rd Over Whiskey Chitto CR (LADOTD, Burk-Kleinpeter, Inc.)** Mr. Dardar provided environmental biology consulting for the bridge replacement project, which included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 03/22	**S.P. H.013959, Rural Bridge Initiative – Reeds Bridge Road Over Calcasieu River Relief (LADOTD, Burk-Kleinpeter, Inc.)** Mr. Dardar served as an environmental biologist for the bridge replacement project, which included a wetland delineation, permit applications, and a threatened and endangered species survey.
08/20 – 02/22	**S.P. H.013970, Rural Bridge Initiative – LA 717: Klondike Canal and Bayou Bridges (LADOTD, Burk-Kleinpeter, Inc.)** Mr. Dardar served as an Environmental Biologist for the bridge replacement project, which included a wetland delineation, permit applications, and a threatened and endangered species survey.
07/22-Ongoing	**St. Tammany Parish Lake Road** Mr. Dardar serves as an environmental biologist for the bridge replacement project, which includes collecting data and documentation, impact analysis, solicitation of views (SOV), preparing a document DOTD and federal highway administration (FHWA) compliant categorical exclusion (CE), conducting a wetland delineation, and obtaining USCG and scenic rivers permits. He assists with all field work and assisting for report preparation.
04/22- Ongoing	**S.P. H.01362 Yellow Water Road Bridge** Mr. Dardar serves as an environmental biologist for the bridge replacement project, which includes floodplain, recreational, cultural/historic, wildlife impacts desktop analysis, USACE permits, wetland delineation and jurisdictional determination, threatened and endangered species, solicitation of views, and categorical exclusion checklist. He assists with all field work and report preparation.

17. Firm Experience:

PROJECT NO. 1					
Firm name	***Meyer Engineers, Ltd.***		Past Performance Evaluation Discipline(s)*	***Bridge***	
Project name	***Lock No. 2 Bridge Replacement***		Firm responsibility (prime or sub?)	***Prime***	
Project number		Owner's name	***St. Tammany Parish Department of Engineering***		
Project location	***St. Tammany Parish***		Owner's Project Manager	***Jason Cambre***	
Owner's address, phone, email	***21454 Koop Drive, Ste. 2F, Mandeville, LA 70471; 985-898-2552; jpcambre@stpgov.org***				
Services commenced by this firm (mm/yy)	***04/22***		Total consultant contract cost ($1,000's)	***$145***	
Services completed by this firm (mm/yy)	***On-Going***		Cost of consultant services provided by this firm ($1,000's)	***$67***	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Meyer Engineers, Ltd. (Meyer) is providing engineering services as required for the Lock No. 2 Bridge project located on Lock No. 2 Road in Bush, Louisiana. The project consists of preliminary and final construction plans to produce bid documents, as-designed bridge rating for the Lock No. 2 Bridge Replacement. Meyer will perform all necessary reviews of the preliminary and final plans to verify concept, constructability, and accuracy of designs with associated reports, conclusions, calculations, and recommendations. The project included LADOTD bridge design review due to Federal Highway Administration participation.

Bridge design services included ***removal and replacement of existing bridges*** using DOTD standard plans and details to include as-designed and as-built bridge ratings. Road design services included pavement structural design and preliminary and final roadway design. ***Hydrologic and hydraulic analysis of the site*** include viable drainage alternatives as specified by DOTD's Hydraulic Manual.

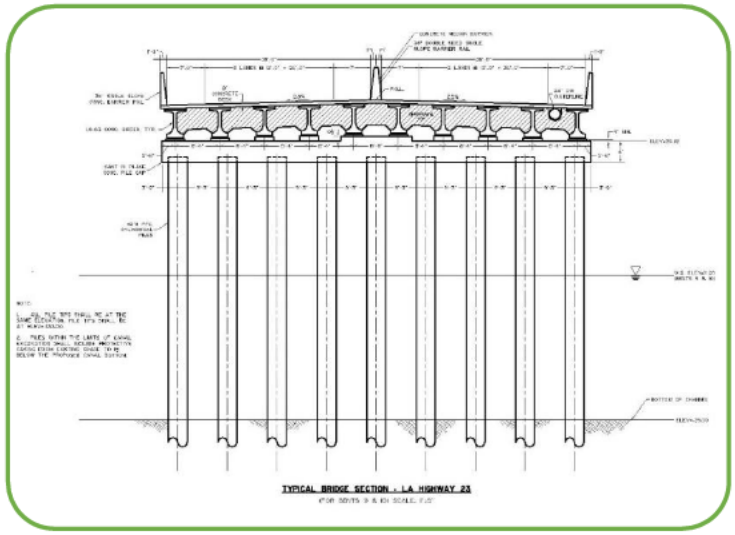
Meyer's tasks include the following:

- Preliminary Plans
- Final Plans & Load Rating Analysis
- Bridge Engineering
- Road Design
- Hydrologic and Hydraulic Analysis
- Geotechnical Engineering
- Topographic Surveying
- Environmental Engineering

Team Members: Richard Meyer | Jitendra Shah | Eric Colwart
100% of the work for this project was performed in Louisiana.

PROJECT NO. 2					
Firm name	***Meyer Engineers, Ltd.***		Past Performance Evaluation Discipline(s)*	***Bridge***	
Project name	***Mid-Barataria Sediment Diversion – Bridge (BA-153)***		Firm responsibility (prime or sub?)	***Sub***	
Project number		Owner's name	***Coastal Protection and Restoration Authority***		
Project location	***Plaquemines Parish***		Owner's Project Manager	***Mr. Brad Barth***	
Owner's address, phone, email	***150 Terrace Avenue, Baton Rouge, LA 70802; 225-342-7308; Brad.Barth@LA.GOV***				
Services commenced by this firm (mm/yy)	***01/18***		Total consultant contract cost ($1,000's)	***$39,000***	
Services completed by this firm (mm/yy)	***On-Going***		Cost of consultant services provided by this firm ($1,000's)	***$779***	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)



The Coastal Protection and Restoration Authority (CPRA), along with prime engineering consultant AECOM, will construct a sediment diversion complex near the town of Lafitte in Jefferson Parish from the west bank of the Mississippi River to the Mid-Barataria Basin. The ±2.0 mile long, 300' ***wide channel and control structure will divert sediment to build and nourish coastal wetlands***. Task Order #3 covered the Basis of Design (BOD) Phase during which the Design Team performed a feasibility-level (15% level of completion, alternatives analysis of major diversion complex components (intake, conveyance and discharge)). This effort was concluded by 11/5/2018 and subsequently Task Order #4 covered taking the approved alternative through 30% level civil, structural, geotechnical, electrical and mechanical designs of the major diversion components.

Meyer Engineers, Ltd. (Meyer) has been tasked with completing the following component s of work: ***Plans and structural bridge design of the Highway 23*** roadway which will be elevated to cross the proposed sediment diversion channel. The ***85' wide concrete bridge will be 2,500' long, including approach slabs and the spanning of the 300' wide channel***. The arched bridge will maintain a 25' clearance above the proposed water surface elevation of the channel. Bridge design includes concrete deck, barriers, and girders, battered and plumb pile bents with cylindrical concrete piles, and concrete pile caps. An existing 24" water line will also be relocated to the bridge requiring a bracketed support system. All plans and design calculations will be in accordance with the ***LADOTD Bridge Design Manual and AASHTO LRFD Bridge Design Specifications***. The estimated construction estimate of the bridge and roadway is $26 Million. Meyer is coordinating the bridge design with other disciplines involved in the diversion project including roadway design, geotechnical soil analysis, and hydraulic design and analysis of the channel. Meyer is also coordinating the bridge design with LADOTD who will review all plans and calculations and give input in the design process. Construction Cost: $1B (Entire Project)

Team Members: Richard Meyer | David Dupre | Jitendra Shah | Eric Colwart | Mark Schutt
100% of the work for this project was performed in Louisiana.

PROJECT NO. 3					
Firm name	***Meyer Engineers, Ltd.***		Past Performance Evaluation Discipline(s)*	***Bridge***	
Project name	***Bridge Crossing - E. Genie Street at Golden Drive***		Firm responsibility (prime or sub?)	***Prime***	
Project number		Owner's name	***St. Bernard Parish***		
Project location	***St. Bernard Parish***		Owner's Project Manager	***Mr. Donald Bourgeois***	
Owner's address, phone, email	***1125 East St. Bernard Highway, Chalmette, LA 70043; 504-278-1593; dbourgeois@sbpg.net***				
Services commenced by this firm (mm/yy)	***04/22***	Total consultant contract cost ($1,000's)		***$127***	
Services completed by this firm (mm/yy)	***On-Going***	Cost of consultant services provided by this firm ($1,000's)		***$110***	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

The project consists of the demolition of an existing canal crossing and ***construction of a new bridge*** on East Genie Street near the intersection of Golden Drive.

The existing canal crossing, which consists of two (2) large concrete culverts and concrete roadway, will be demolished, and disposed of, and the canal in this area will then be excavated to match the existing canal profile.

A ***new 75' long concrete slab span bridge*** will then be constructed which will consist of three (3) 25' long slab spans on bent caps with pre-cast concrete piles, 25' clear vehicle width, two (2) 6' pedestrian paths, and associated guardrails and handrails. Sidewalk extending from the new bridge to Golden Drive will then be constructed, including new ADA ramps at the intersection.

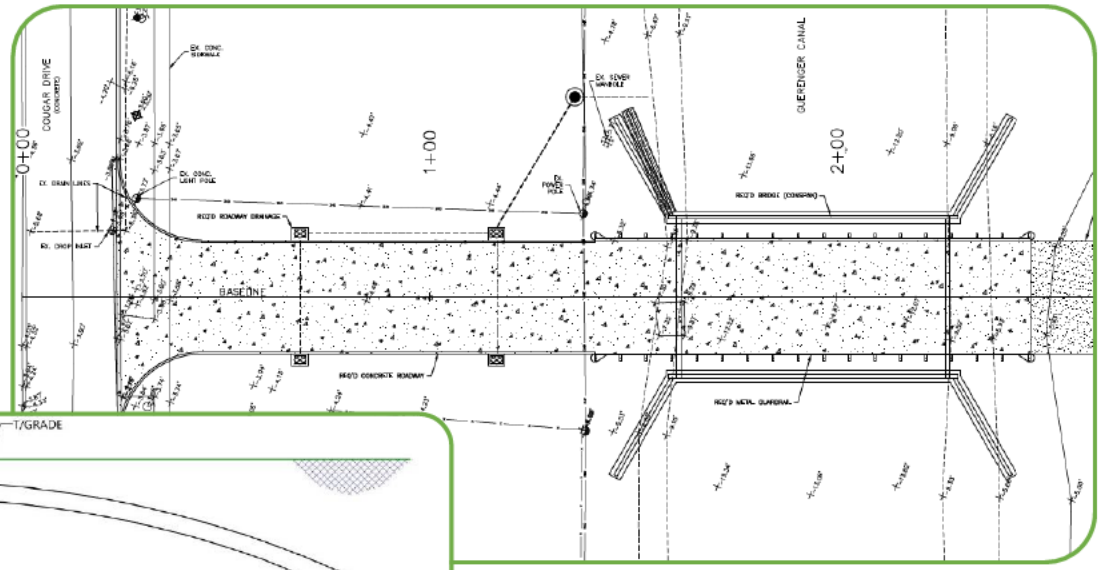
Team Members: Richard Meyer | Eric Colwart
100% of the work for this project was performed in Louisiana.

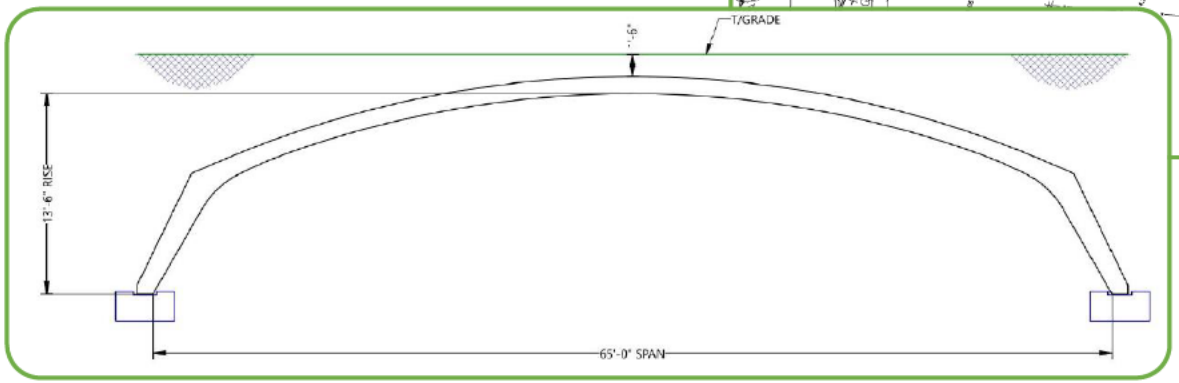
PROJECT NO. 4					
Firm name	***Meyer Engineers, Ltd.***	Past Performance Evaluation Discipline(s)*	***Bridge***		
Project name	***SBP Guerenger Canal Bridge Addition***	Firm responsibility (prime or sub?)	***Prime***		
Project number		Owner's name	***St. Bernard Parish***		
Project location	***St. Bernard Parish***	Owner's Project Manager	***Mr. Donald Bourgeois***		
Owner's address, phone, email	***1125 East St. Bernard Highway, Chalmette, LA 70043; 504-278-1593; dbourgeois@sbpg.net***				
Services commenced by this firm (mm/yy)	***10/20***	Total consultant contract cost ($1,000's)	***$102***		
Services completed by this firm (mm/yy)	***On-Going***	Cost of consultant services provided by this firm ($1,000's)	***$67***		

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

The project consists of a new ***40' wide x 65' long*** (Con-Span) ***concrete bridge structure*** for Entergy and St. Bernard Parish. The design includes special vehicle loading criteria as provided by Entergy for their future sub-station.

The project also included the concrete roadway/approach slabs and drainage for the bridge and access road. Using PCSWMM, Meyer analyzed the hydraulic impacts of the bridge addition on the Guerenger Canal to ensure the bridge section would not impede existing drainage for both the 25-year and 100-year storm intervals. Construction Cost: $1.2M (EST)





Team Members: Richard Meyer | David Dupre | Jitendra C. Shah | Eric Colwart | Donovan Duffy
100% of the work for this project was performed in Louisiana.

PROJECT NO. 5					
Firm name	***Meyer Engineers, Ltd.***		Past Performance Evaluation Discipline(s)*	***Bridge***	
Project name	***Filmore Avenue Canal Bridge***		Firm responsibility (prime or sub?)	***Prime***	
Project number		Owner's name	***City of New Orleans***		
Project location	***Orleans Parish***		Owner's Project Manager	***Mr. Nguyen Phan***	
Owner's address, phone, email	***1300 Perdido Street, New Orleans, LA 70112; 504-658-8001; ndphan@cityofno.com***				
Services commenced by this firm (mm/yy)	***02/97***	Total consultant contract cost ($1,000's)		***$300***	
Services completed by this firm (mm/yy)	***10/06***	Cost of consultant services provided by this firm ($1,000's)		***$300***	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

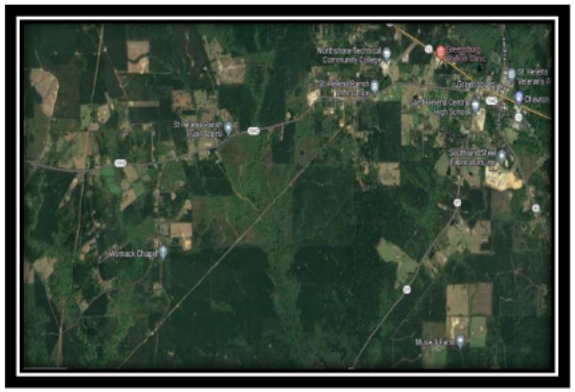
Meyer Engineers, Ltd. (Meyer) designed and performed engineering during construction for the Filmore Avenue Bridge over the London Avenue Canal.

This provided flood protection on the London Avenue canal in accordance with the U.S. Army Corps of Engineers High Level Plan for Lake Pontchartrain. The flood protection system designed sealed bridges with high parapet walls to protect properties against water surface elevation caused by a standard projected hurricane. The bridge system withstood the storm surge from Hurricane Katrina.

The ***140' long bridge*** included partial girder span and partial slab spans. The design included pile length calculations, scour analysis, a sheet pile wall, and bulkhead.

Team Members: Richard Meyer | David Dupre | Jitendra Shah
100% of the work for this project was performed in Louisiana.

PROJECT NO. 6					
Firm name	ELOS Environmental, LLC		Past Performance Evaluation Discipline(s)*	Environmental	
Project name	LA 10 SPUR, LA 1042 Bridges Near Greensburg Rural Bridge Initiative		Firm responsibility (prime or sub?)	Sub	
Project number	H.013982	Owner's name	LADOTD		
Project location	St. Helena Parish, LA		Owner's Project Manager	Andrew Ranck, P.E.	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA, (225) 379-1232, dotdcs@la.gov				
Services commenced by this firm (mm/yy)	08/20	Total consultant contract cost ($1,000's)	$16		
Services completed by this firm (mm/yy)	01/22	Cost of consultant services provided by this firm ($1,000's)	$16		



Services Provided: wetland delineations, preliminary jurisdictional determination, United State Army Corps of Engineers (USACE) nationwide permit applications, threatened and endangered species research, Categorical Exclusions checklist (CE), and solicitation of views (SOV).

ELOS was contracted by Burke-Kleinpeter to provide environmental services for H.013982. The Louisiana Department of Transportation and Development (LADOTD) proposed the replacement of four existing bridges including one site at LA 1042 over Choctaw Creek, one site at LA 1042 over an unnamed creek, one site at LA 10 Spur over Raby Branch, and one site at LA 10 Spur over St. Joseph Branch in St. Helena Parish. **This project is one of many bridges part of the DOTD Rural Bridges Phase I projects, for which ELOS was the environmental consultant conducting the environmental reviews and documentation.** This project primarily involved wetland delineations and a wetlands finding report. Evidence observed and documented indicates that approximately 0.22 acre of the site location meets the established criteria to be considered "Section 404 wetlands." In addition, approximately 2.19 acre of this site meet the established criteria to be considered "other waters of the U.S." The DOTD will mitigate the wetlands impacted by construction activities for this project by minimizing impacts as listed in the Louisiana Standard Specifications for Roads and Bridges, 2016 edition, and mitigate for lost wetland habitats by reseeding with appropriate plants and seedlings. No threatened and endangered species surveys were required for this project.

Site 1. LA 1042/ Choctaw Creek: Recall No. 058492)

Site 2. LA 1042/ unnamed creek: Recall No. 058494

Site 3. LA 10 Spur/ Raby Branch: Recall No. 620045

Site 4. LA 10 Spur/ St. Joseph Branch: Recall No. 620046

Firm Personnel Involved: Cory Ricks, Hunter Perrilloux, Mike Hill, and Basile Dardar

PROJECT NO. 7					
Firm name	ELOS Environmental, LLC		Past Performance Evaluation Discipline(s)*	Environmental	
Project name	LA-4 Rural Bridge Initiative		Firm responsibility (prime or sub?)	Sub	
Project number	H.014268	Owner's name	LADOTD		
Project location	Jackson and Caldwell Parish		Owner's Project Manager	Andrew Ranck, P.E.	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA, (225) 379-1232, dotdcs@la.gov				
Services commenced by this firm (mm/yy)	09/21	Total consultant contract cost ($1,000's)	$16		
Services completed by this firm (mm/yy)	N/A	Cost of consultant services provided by this firm ($1,000's)	$16		

Services Provided: wetland delineations, preliminary jurisdictional determination, United State Army Corps of Engineers (USACE) nationwide and Department of Natural Resources CUP/Consistency Determination permit applications, threatened and endangered species research, Categorical Exclusion checklist (CE) and solicitation of views (SOV). ELOS was contracted by Burke-Kleinpeter to provide environmental services for H.014268. The Louisiana Department of Transportation and Development (LADOTD) proposed the replacement of 8 separate bridges located on LA-4 in Jackson and Caldwell Parishes. **This project is one of many bridges part of the DOTD Rural Bridges Phase II projects, for which ELOS was the environmental consultant conducting the environmental reviews and documentation.** This project involved surveys for threatened and endangered species, including investigations for the Northern Long-eared Bat, Louisiana Pine Snake, and the Red Cockheaded Woodpecker. Evidence observed and documented indicates that approximately 17.40 acres of these sites meet the established criteria to be considered "wetlands" and approximately 6.05-acres of these sites meet the established criteria to be considered "other waters of the U.S.".

Site 1. Unnamed Creek: Recall No. 021100
Site 2. Unnamed Creek: Recall No. 021120
Site 3. Bear Creek: Recall No. 021130
Site 4. Squirrel Creek: Recall No. 046750
Site 5. Sugar Creek: Recall No. 046760
Site 6. Bill's Creek: Recall No. 046782
Site 7. Lost Creek Relief: Recall No. 046786

Firm Personnel Involved: Cory Ricks, Hunter Perrilloux, Mike Hill, and Basile Dardar

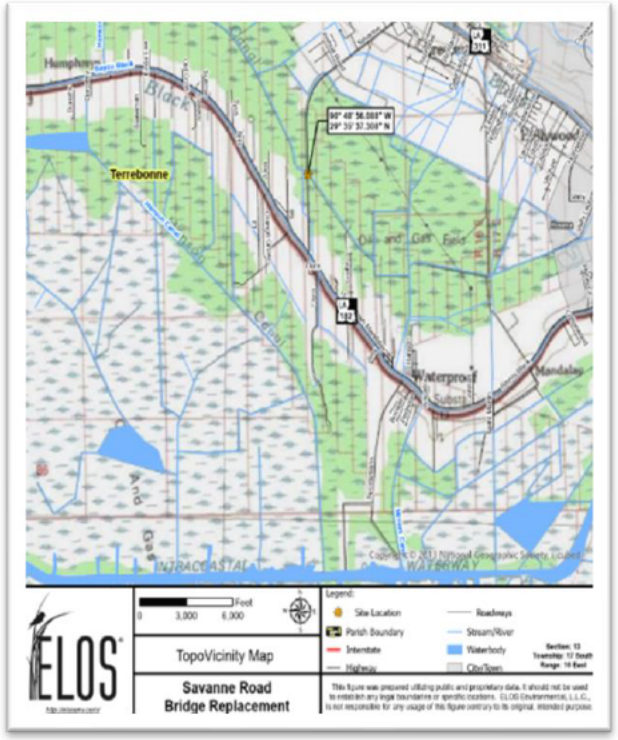
PROJECT NO. 8					
Firm name	ELOS Environmental, LLC		Past Performance Evaluation Discipline(s)*	Environmental	
Project name	Savanne Road Bridge Over Hanson Canal		Firm responsibility (prime or sub?)	Sub	
Project number	H.014267	Owner's name	LADOTD		
Project location	Terrebonne Parish, LA		Owner's Project Manager	Andrew Ranck, P.E.	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA, (225) 379-1232, dotdcs@la.gov				
Services commenced by this firm (mm/yy)	08/20	Total consultant contract cost ($1,000's)		$16	
Services completed by this firm (mm/yy)	N/A	Cost of consultant services provided by this firm ($1,000's)		$16	

Services Provided: Scenic Rivers and Streams Permits, USACE Permits, Wetland Delineation and Jurisdictional Determination, Threatened and Endangered Species, Solicitation of Views, and Categorical Exclusion Checklist.

ELOS was contracted by Infinity to provide environmental services for the improvement of DOTD Bridge Replacement projects. LADOTD proposed the replacement of the existing Savanne Road Bridge over Hanson Canal **(Recall No. 020165)** with a new concrete reinforced bridge at approximately 90° 48' 56.088" West and 29° 35' 37.308" North.

The existing bridge, located approximately 0.82 miles north of LA 182 in Terrebonne Parish, was recommended for replacement by the Louisiana Department of Transportation and Development (LA DOTD). The existing structure was a 4-span, 57-foot-long, and 24-foot-wide concrete bridge. The proposed action was to replace the existing bridge with three 20-foot spans, totaling 60 feet, with 3:1 riprap abutments and a proposed finished grade at branch crossing at 5.51 in accordance with current LADOTD and AASHTO guidelines.

This project included a wetland delineation and jurisdictional determination from the USACE, a Section 404 permit from the USACE, a scenic rivers and streams permit from the LDWF, and a threatened and endangered species survey for West Indian Manatees (*Trichechus manatus*). ELOS was also tasked with preparing and mailing the solicitation of views letters to the relevant agencies and responding to comments. This project qualified for a categorical exclusion (CATEX), meaning a detailed environmental analysis was not required. ELOS prepared and submitted the CATEX documentation.



Firm Personnel Involved: Cory Ricks, Hunter Perrilloux, Mike Hill, and Claire LaBarbera

PROJECT NO. 9					
Firm name	**SJB Group, LLC**	**Past Performance Evaluation Discipline(s)***	Survey, Other (SUE)		
Project name	MOVEBR-Nicholson Segment 2 (Ben Hur to Bluebonnet)	**Firm responsibility (prime or sub?)**	Sub-Consultant		
Project number	20-CP-HC-0032	**Owner's name**	Volkert (Prime)		
Project location	East Baton Rouge Parish, Louisiana	**Owner's Project Manager**	Jan Evans		
Owner's address, phone, email	4141 Bienville Street, Ste. 102, New Orleans, LA | (225) 218-9440 | Jan.Evans@volkert.com				
Services commenced by this firm (mm/yy)	03/21	**Total consultant contract cost ($1,000's)**		$723	
Services completed by this firm (mm/yy)	2023	**Cost of consultant services provided by this firm ($1,000's)**		$723	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Team Members Involved: Wilfred Barry, Karen Kennedy, Austin LaCombe, Tyler Foster, Matthew Estopinal, James Koontz, Charles Young, Colby Mire, Elvis Nguyen, Kyle Haigler

Firm's Role: Topographic Survey, Property Survey, Right-of-Way Maps, Subsurface Utility Engineering

SJB Group is performing a topographic survey, SUE, property surveys, and right-of-way mapping of a 4.1 mile stretch of Nicholson Drive (LA 30) from Bluebonnet Boulevard to Ben Hur Road in East Baton Rouge Parish for a City-Parish widening project.

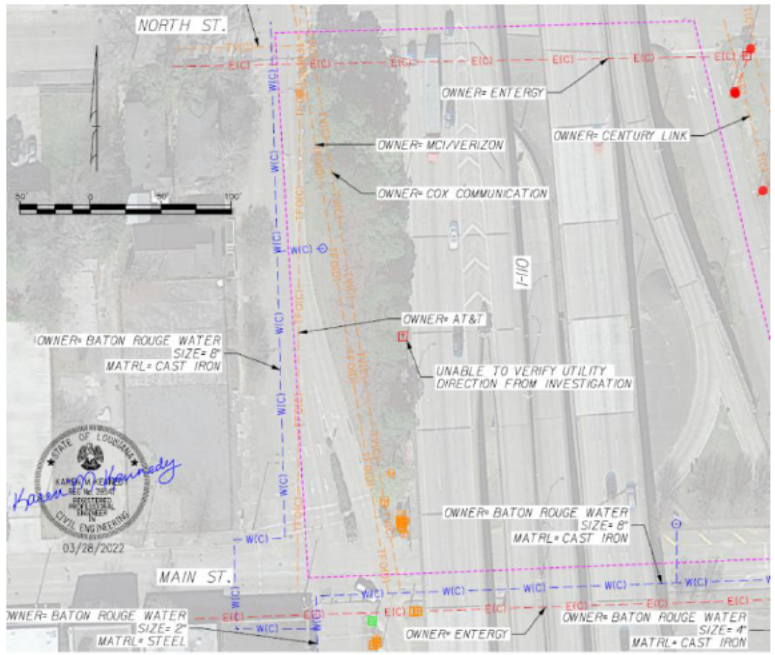
The Topographic Survey was completed with all principles and objectives set forth in the latest LA DOTD Location and Survey Manual and MovEBR Design Guidelines. A complete inventory of drainage channels was included for preparation of an existing drainage map by Volkert. The property survey and right-of-way mapping will include two sets of maps as necessary because the project includes both LA DOTD and East Baton Rouge Parish rights of way. All property surveys and right-of-way mapping will be completed using the Standards of Practice for route surveys as outlined in the Laws and Rules of the LAPELS Board, and in accordance with both the MovEBR right-of-way guidelines and LA DOTD Location and Survey Manual. This project includes Quality Level A and B SUE services within the project limits. Utilities located include water, gas, telephone, cable, and fiber optic. Appropriate geophysical methods were used to properly designate all underground utilities. The designations and above ground features were surveyed by SJB Group. This information and the utility records were used to complete the Quality Level B Drawings prepared in accordance with ASCE 38-02 standards. Any conflicts between records and geophysical markings were resolved through additional records research and engineering judgement. After completion of additional design, any potential conflicts were located with a Quality Level A test hole. The test hole will include precise information on the location, depth, size, and type of utility. A sealed and signed test hole data sheet will be provided in accordance with ASCE 38-02 standards.

PROJECT NO. 10					
Firm name	**SJB Group, LLC**	**Past Performance Evaluation Discipline(s)***	Survey, Other (SUE)		
Project name	**I-110: North Street to Plank Road**	**Firm responsibility (prime or sub?)**	Sub-Consultant		
Project number	H.01319.5	**Owner's name**	Louisiana Department of Transportation and Development		
Project location	East Baton Rouge Parish, Louisiana	**Owner's Project Manager**	Steve LeBlanc		
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 | (225) 379-1101 | Steve.LeBlanc2#@la.gov				
Services commenced by this firm (mm/yy)	10/21	**Total consultant contract cost ($1,000's)**	$188		
Services completed by this firm (mm/yy)	05/22	**Cost of consultant services provided by this firm ($1,000's)**	$188		

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Team Members Involved: Wilfred Barry, Matthew Estopinal, Karen Kennedy, Austin LaCombe, Tyler Foster, Colby Mire, Elvis Nguyen, Tuesdie Savoy, James Koontz, Charles Young

Firm's Role: Topographic Survey and Subsurface Utility Engineering (SUE)



SJB Group performed a limited topographic survey and subsurface utility engineering (SUE) as a sub-consultant to Buchart Horn for this LA DOTD Project to assist in the lighting design for this project.

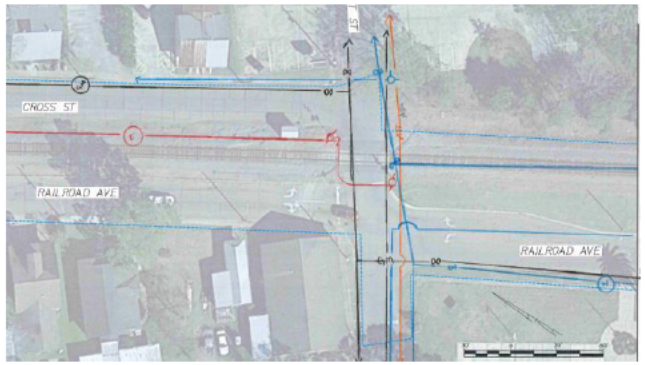
A limited topographic survey including all utilities with depths, all drainage, and finish floor elevations of all buildings that fell within the limits was completed in accordance with the Location and Survey Manual and all current accepted Location and Survey Automation procedures. The project also required ASCE 38-02 Quality Level C and D services throughout the entire project limits. Utilities included water, gas, telephone, cable, and fiber optic. Above ground topographic features were surveyed by SJB Group. This information and the utility records were used to complete the Quality Level C Drawings prepared in accordance with ASCE 38-02 standards. Engineering judgement was used to correlate records and above ground surveyed features. The close proximity to the interstate and various fiber optic systems made this an interesting and challenging project to complete.

PROJECT NO. 11					
Firm name	**SJB Group, LLC**	**Past Performance Evaluation Discipline(s)***	Survey, Other (SUE)		
Project name	**UP RR Corridor (Plaquemine)**	**Firm responsibility (prime or sub?)**	Prime		
Project number	H.012851.5	**Owner's name**	Louisiana Department of Transportation and Development		
Project location	Iberville Parish, Louisiana	**Owner's Project Manager**	Barrett Smith		
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 | (225) 379-1101 | barrett.smith@la.gov				
Services commenced by this firm (mm/yy)	07/21	**Total consultant contract cost ($1,000's)**	$194.2		
Services completed by this firm (mm/yy)	02/22	**Cost of consultant services provided by this firm ($1,000's)**	$194.2		

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Team Members Involved: Matthew Estopinal, Colby Mire, Karen Kennedy, Austin LaCombe, Tyler Foster, Elvis Nguyen, Kyle Haigler
Firm's Role: Topographic Survey and Subsurface Utility Engineering

SJB Group was tasked through a LA DOTD IDIQ retainer contract to provide subsurface utility engineering (SUE), utility surveying, and a topographic survey for this project in Iberville Parish. The project limits ran along the Union Pacific Railroad Corridor between the intersection of LA 1 and Bayou Road, and the intersection of Belleview Drive and Railroad Avenue. The project had a total linear distance of approximately 5,500 ft. A complete topographic survey including all utilities with depths, all drainage, and finish floor elevations of all buildings that fell within the limits was completed in accordance with the Location and Survey Manual and all current accepted Location and Survey Automation procedures. A drainage map was required as part of the survey and was done in accordance with the LA DOTD Location and Survey Photogrammetry Manuel. The SUE work was completed in accordance with CI/ASCE Standard 38-02. This project required ASCE 38-02 Quality Level B and C services within designed limits. The Quality Level C limits included a distance of 5,500 feet along Railroad Avenue. The Quality Level B designations were completed at the intersection of Bayou Road and LA 1 Intersection. To perform the work, an LA One Call Ticket was completed to initiate contact with all LA One Call Members. A site visit was conducted to investigate any other utility features that might identify a utility owner that was not included in the LA One Call locate and records were requested for all identified utility owners.



Meyer Engineers, Ltd.
Engineer & Architect

18. Approach and Methodology:

INTRODUCTION

The Meyer Team has years of experience and success on DOTD projects. Our team is very familiar with DOTD procedures and manuals including the DOTD Roadway Design Manual, the Bridge Design and Evaluation Manual, Bridge Design Technical Memoranda, and the Hydraulics Manual. Our team has also prepared plans in accordance with the DOTD Federal Aid Off-System Highway Bridge Program Guidelines. For the Off System Highway Bridge Program Stateline Road over Creek project, our team includes ***Meyer Engineers, Ltd.*** to be the Project Manager and perform the bridge and road design and hydraulic analysis. ***SJB Group, LLC*** will perform the topographic survey. ***ELOS Environmental, LLC*** will perform the environmental investigation. We have organized our team based upon previous experience in working together and our DOTD project success.

PROJECT UNDERSTANDING

The Off System Highway Bridge Program Stateline Road over Creek plan development is to design the replacement of the bridge on State Line Road over a small un-named creek north of Kentwood in Tangipahoa Parish. The existing 2-lane bridge is a 20' wide x 80' long with wooden guardrails. The bridge is in a heavily wooded rural area. There is a residential property on the northeast side of the bridge whose driveway would be impacted by the bridge approach guardrail and whose fence may be impacted by construction. There are overhead utility lines and underground utility markers which will require coordination with local utility companies. Due to a lack of roads connecting to State Line, a temporary detour road may be required to keep traffic open for access to residence's during construction.

QUALITY ASSISTANCE/QUALITY CONTROL

Meyer has developed a QA/QC plan in accordance with Part I – Chapter 3 of the DOTD Bridge Design and Evaluation Manual. This QA/QC plans is included in section 21. This project will be reviewed at each phase using this QA/QC plan.

PRE-DESIGN MEETING

If Meyer's team is selected, after contract execution and notice to procced, Meyer will request a predesign (kickoff) meeting with the DOTD Project Manager and a Tangipahoa Parish representative and request the following information if available:

- Bridge Inspection Reports
- Stage 0 Study

- Previous Stage 1 (Environmental) Documents
- Traffic Studies, Data, Expected Detours, or Other Recommendations
- Existing information including As-Builts, GIS Maps from the Parish, Geotechnical Analysis, and Right-of-Way Maps.

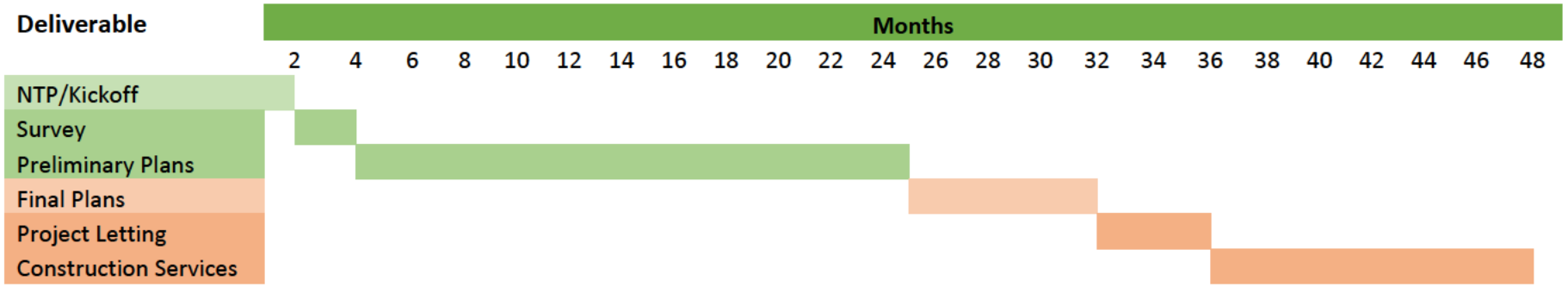
The Pre-Design Meeting will be used to establish the following:

- Project Criteria and Communication Protocols
- Maintenance of Traffic Requirements and Options
- Utility Issues
- Preliminary Project Schedule
- Structure Preferences and if a Culvert is an Option in lieu of Bridge Replacement

SCHEDULE

Meyer will develop the critical data project schedule using decisions made during the Pre-Design Meeting.

PROJECT SCHEDULE



TOPOGRAPHIC SURVEY

SJB Group, LLC (SJB) will provide the survey for the project. SJB has successfully completed many surveying projects for DOTD. The survey will be performed in accordance with DOTD's Location and Survey Manual, and the survey procedures given in the DOTD Federal Aid Off-System Highway Bridge Program Guidelines. Prior to beginning the survey, Meyer and SJB will meet at the site with a Tangipahoa Parish representative. The survey will extend a minimum of 500' from each end of the bridge and a minimum of 25' beyond the existing/apparent R/W with cross-sections developed per the manual guidelines. An Existing Drainage Map will be developed using quad maps for inclusion in the plan set. The Survey Check List provided in the Off-System Bridge Program Guidelines will be used to ensure all survey requirements and items have been addressed and included.

HYDRAULIC AND SCOUR ANALYSIS

Hydraulic analysis will be performed in accordance with the DOTD Hydraulics Manual and the Hydraulic Design Guidelines for the Off-System Bridge Replacement and Rehabilitation Program. A Hydraulic Report will be submitted including hydrologic and hydraulic design analysis and recommendations. Information including the Existing Drainage Map, LiDAR, and FEMA Firm maps will be used to establish the site's drainage basin. Computer software including HYDR1130 and HEC-RAS will be used to determine peak discharges and water surface elevations. This information will be included in the Hydraulic Report and will be used to complete the Hydraulic Data Table for inclusion in the plan set. The report will also include the analysis of pipe and box culvert alternates as required by DOTD guidelines and as applicable to the specific project parameters. After the structure has been verified a supplemental Scour Report will be submitted with scour calculations in accordance with FHWA Publication HEC 18.

ENVIRONMENTAL CLEARANCE

ELOS Environmental, LLC (ELOS) will perform environmental related work for the Meyer Team. Work includes:

- Wetland Delineation: ELOS will conduct a ground level investigation to determine if wetlands exist and if so, classify them. A Wetlands Finding Report will be prepared and submitted in accordance with United States Army Corps of Engineers (USACE) guidelines.
- Solicitation of Views (SOV) and Categorical Exclusions: Following approval of the replacement structure presented in the Hydraulic Report, ELOS will submit a request for a Preliminary Jurisdictional Determination to the USACE. An SOV Package will be completed in accordance with Off-System Bridge Program Guidelines.
- Permit Drawings: Permit drawings will be prepared as necessary and as requested including USACE permit drawings.

DESIGN SUBMITTALS

Design submittals will be as per DOTD requirements as shown below:

DESIGN SUBMITTALS	
ANTICIPATED SUBMITTALS	
PRELIMINARY PLANS	***FINAL PLANS***
50% Preliminary Plans	50% Final Plans (Pre Advance Check Prints)
70% Preliminary Plans (Pre Plan-in-Hand)	70% Final Plans (Advance Check Prints)
90% Preliminary Plans (Plan-in-Hand)	90% Final Plans (Revised Post Advance Check Prints)
100% Preliminary Plans (Post Plan-in-Hand)	100% Final Plans (Tracing)

50% PRELIMINARY PLANS

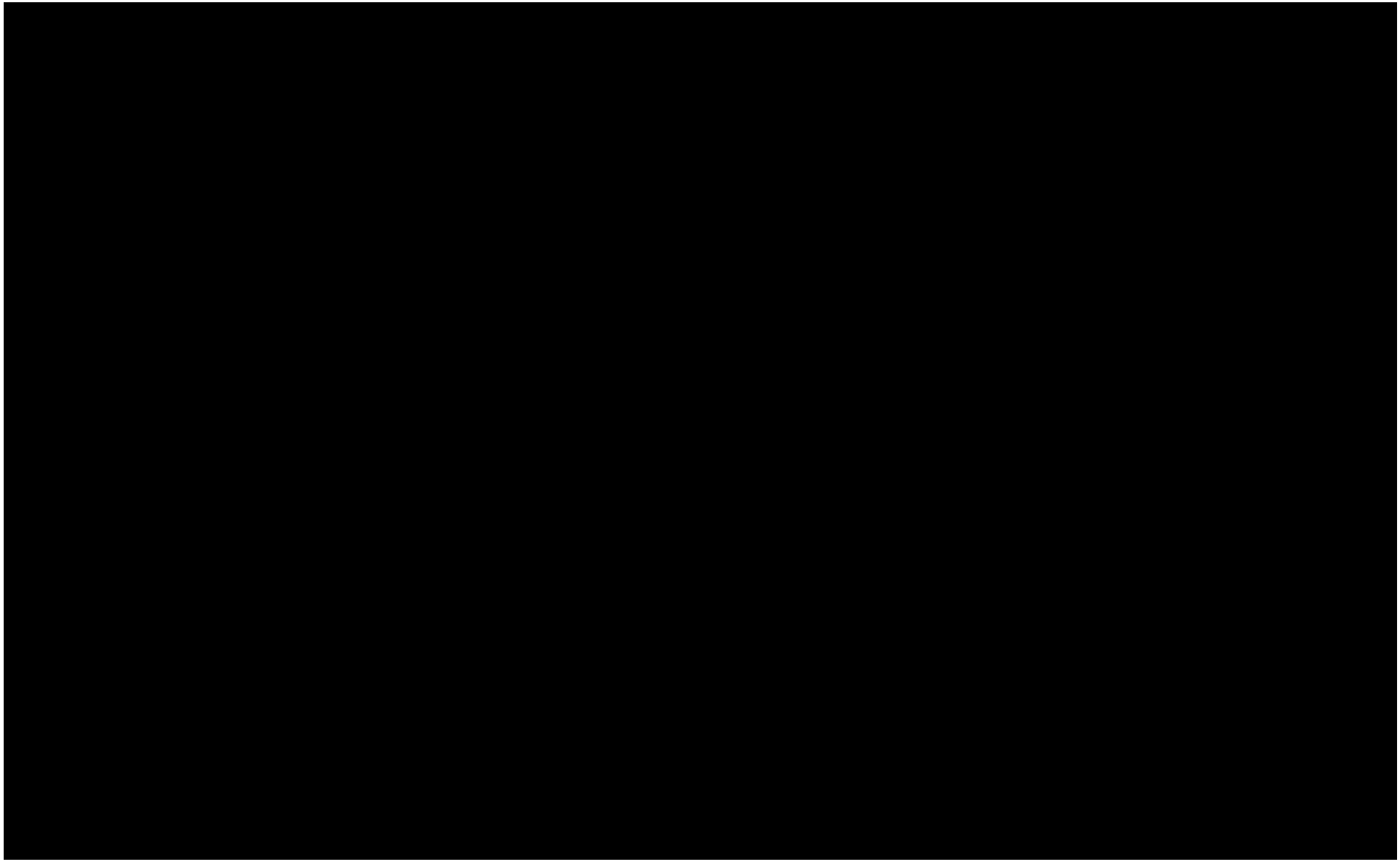
50% Preliminary Plans will be developed in accordance with DOTD plan preparation and Off-System Bridge Program Guidelines. At a minimum, the plan sheets at this phase will include a title sheet with layout map, a plan/profile sheet, and the existing drainage map. The plan/profile sheet will include the limits of asphalt roadway replacement and transitions on both sides of the bridge, any associated roadside utility work including drainage, approach slab and bridge limits and widths, pile bent locations, and guardrail layout. The profile portion will include roadway slopes and bridge deck elevations. If it is determined that a temporary detour road may be needed, a preliminary detour plan may also be included.

70% PRELIMINARY PLANS (PRE PLAN-IN-HAND)

Comments on the 50% Preliminary Plans will be addressed and Pre Plan-In-Hand plans will be developed. Additional plan sheets will be developed and included per Off-System Bridge Program Guidelines. Additional plan sheets at this stage will include typical sections, drainage maps, signing sheets, general bridge plan, and cross-sections. Upon submittal of these plans, Meyer will request that DOTD schedule a Plan-In-Hand meeting.

90% PRELIMINARY PLANS (PLAN-IN-HAND)

Meyer will assist in coordinating and conducting the Plan-in-Hand Meeting. In addition to review of all comments, Meyer will also discuss permit requirements and utility relocation and conflicts. Following the PIH meeting, all comments will be addressed, and the revised plans will be resubmitted to DOTD. During this phase, Meyer will also complete and submit the Constructability/Biddability Review Form.



19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Meyer Engineers, Ltd.	*CE&I/OV*	*H.001498*	*LA 24 & LA 316 Company Canal Bridge*	*$281,861*
	Road	*H.004727*	*Howard Avenue Extension (Loyola Avenue – LaSalle Street)*	*$19,782*
	CE&I/OV	*H.013520*	*Barringer Drive Sidewalks*	*$58,965*
	CE&I/OV	*H.014048*	*S. Tangipahoa Roads Pavement Rehab.*	*$652,441*
	Road	*H.013522*	*S. Lewis Street Widening*	*$359,251*
ELOS Environmental, LLC	*Environmental*	*H.014242*	*LA-124 Big Branch, Sandy etc.*	*$5,085*
	Environmental	*H.014243*	*LA-472 Indian and Big Bear*	*$57*
	Environmental	*H.014245*	*LA-119 Creeks & Bayou Pierre*	*$111*
	Environmental	*H.014247*	*LA-399 Creeks, Little 6 Mile Creek*	*$6,200*
	Environmental	*H.014248*	*LA-124 Creeks, Broke Leg Bayou*	*$57*
	Environmental	*H.014249*	*LA-126 Creek*	*$3,690*
	Environmental	*H.014250*	*LA-577 Creek & Bull Bayou*	*$3,496*
	Environmental	*H.014268*	*LA-4 Creeks, Bear, Squirrel*	*$134*
	Environmental	*H.013958*	*Carpenters*	*$3,783*
	Environmental	*H.013970*	*LA 717*	*$5,476*
	Environmental	*H.013984*	*LA 16 Bridge*	*$2,054*
	Environmental	*H.014265*	*N. River Road Bridge Over Irving Branch*	*$6,655*
	Environmental	*H.014267*	*Savanne Road Bridge Over Hanson Canal*	*$6,640*
SJB Group, LLC	*Other (DBE)*		*DBE Supportive Services – Region A (2020 – 2023)*	*$55,955*
	CPM	*H.013579.6*	*Pecue Lane/I-10 Interchange II – East Baton Rouge Parish*	*$2,175*
	CPM	*H.001820.6*	*LA 485: Bridges Near Allen – Natchitoches Parish*	*$40,639*
	CPM	*H.001344.6*	*US 190: LA 437-US190 BUS (PH 1) – St. Tammany Parish*	*$53,180*
	CPM	*H.002375.6*	*Amite R. Br Near French Settlement – Livingston Parish*	*$996*
	CPM	*H.002980.6*	*I-10 Overpass over US 165 and MP R.R. – Calcasieu/Jefferson Parish*	*$138,304*

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
SJB Group, LLC (continued)	***CPM***	***H.010018.6***	***I-10: NO East Drain Canal Bridge Replace – Orleans Parish***	***$25,315***
	CPM	***H.003184.6***	***I-10: Texas State Line – E. of Coone Gully – Calcasieu Parish***	***$131,752***
	CPM	***H.004634.6***	***Juban Rd Widening (I-12 – US 190) – Livingston Parish***	***$17,331***
	CPM	***H.012588.6***	***I-10: Atch Basin Br – W Baton Rouge P/L – Iberville Parish***	***$27,035***
	CPM	***H.001234.6***	***LA 1: Port Allen Canal Br Repl (Ph1) (HBI) – West Baton Rouge Parish***	***$26,885***
	CPM	***H.000665.6***	***UP R.R. Overpass Near Bonita (HBI) – Morehouse Parish***	***$36,496***
	Other (SUE)	***H.001820.6***	***LA 485: Bridges Near Allen – Natchitoches Parish***	***$78,839***
	Survey	***H.012685.5***	***LA 385: Ryan Street Intersection IMPRS – Calcasieu Parish***	***$34,363***
Burk-Kleinpeter (Prime) SJB Group, LLC (Subconsultant)	***Survey/Road***	***H.013952; H.013963; H.013966; H.013968; H.013982; H.013984; H.013996; H.013976; H.013997; H.013970***	***Contract No. 44-17597 16 State Project Numbers (33 Structures) Rural Bridge Replacement Initiative, Districts 03, 07, 61, and 62***	***$83,721***
Digital Engineering & Imaging (Prime) SJB Group, LLC (Subconsultant)	***Survey***	***H.013716.5***	***US 167: Camellia Blvd – Churchill Dr. (LAF) – Lafayette Parish***	***$39,953***
Stanley Consultants, Inc. (Prime) SJB Group, LLC (Subconsultant)	***Survey***	***H.014886.5***	***US 90: Tulane Ave – Danzinger Bridge – Orleans Parish***	***54,432***

20. Certifications/Licenses:

If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

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

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

PROJECT QUALITY CONTROL PLAN

Contract No. 4400025053

Off System Highway Bridge Program Patricia St. over Chalmette Vista Canal

CLIENT NAME:

SUBMITTED BY:

Jitendra C. Shah, P.E.

Project Manager

Meyer Engineers, Ltd.

1.0 INTRODUCTION

This Project Quality Control Plan (PQCP) has been prepared in accordance with Meyer Engineers, Ltd. (Meyer) corporate policy for delivering services of the highest quality and the Scope of Services for the design of bridges & approaches. Meyer maintains and annually updates a documented quality system that conforms to the most current quality control standards. This plan has been developed in accordance with Part I-Chapter 3 of the LaDOTD Bridge Design and Evaluation Manual (BDEM), "Policy for QC/QA", which complies with the FHWA/AASHTO's "Guidance on QC/QA in Bridge Design in Response to NTSB Recommendation". Meyer understands that as the consultant they are fully responsible for QC/QA and LADOTD is not responsible for performing QC/QA of consultant's work.

1.1 PROJECT DESCRIPTION

This project consists of rural bridge and approaches for a bridge replacement on Patricia Street over Chalmette Vista Canal in St. Bernard Parish as part of the LaDOTD Off System Highway Bridge Program.

1.2 DEFINITION OF TERMS

The LaDOTD BDEM provides the following definitions of QC/QA in bridge design. Meyer will assign staff qualified to perform the below tasks:

- Quality Control (QC): Procedures of checking the accuracy and consistency of the calculations and the drawings, detecting and correcting design omissions and errors before the design plans are finalized, and verifying the specifications for the load-carrying members are adequate for the service and operation loads.

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

- Designer: Engineer directly responsible for the development of design calculations, drawings, special provisions including non-standard items, and cost estimate. The designer must be licensed by the State of Louisiana as a professional engineer.

- Detailer: Individual directly responsible for the creation of CAD drawings.

- Design Checker: Engineer responsible for performing a full technical review of the design calculations, drawings, special provisions including Non-Standard items, and cost estimate. The designer checker must be licensed by the State of Louisiana as a professional engineer.

- Detail Checker: Individual responsible for performing a full review of the CAD drawings.

- Engineer of Record (EOR): The EOR is the engineer responsible for supervision and/or preparation of plans, sealing calculations, plans, and special provisions if required. The EOR must be licensed in the State of Louisiana as a professional engineer and must have commensurate experience in the design of similar structures.

In addition to the above staff member, Meyer will assign a QC/QA Manager to assure all quality control procedures specified herein have been followed.

2.0 STAFF ORGANIZATION FOR SPECIFIED PROJECT:

Engineer of Record (EOR):	Jitendra C. Shah, P.E.
QC/QA Manager:	David H. Dupre, P.E.
Designer:	Eric M. Colwart, P.E.
Design Checker:	Mark A. Schutt, P.E.
Detailer:	Tyler Gettys, P.E.
Detail Checker:	Mark A. Schutt, P.E.

2.1 PROJECT DESIGN CRITERIA:

The design criteria including bridge type, size, and location (T,S&L) for this specific project shall be determined by the EOR and Designer prior to proceeding with design. The EOR and Designer shall review the BDEM "Appendix A- Design Criteria Checklist" and specify which criteria are relevant to the project and which are not applicable. The designer shall maintain a well-organized design calculation book with all relevant design criteria included. All design calculations shall bare the firms name and address and lines for the project name/number, sheet number, Designer's name, date of design, Design Checker's name, and date of review. All design calculations shall be done in a clear and well-

organized manner with specific references to relevant code sections noted. The Designer shall consult the BDEM "Appendix A- Design Criteria Checklist" throughout the design process to ensure all applicable items have been addressed and included in the design calculation book. The final calculation book shall be in accordance with the BDEM "Appendix B-Final Calculation Book Checklist". The process for completing and reviewing design calculations shall be as follows:

1. Designer originates calculations in typed text or black/white copy. Designer initials and dates calculation.
2. Design Checker highlights correct calculations in yellow highlighter, marks needed corrections in red ink, and makes notes to the Designer in blue ink.
3. Designer places a green checkmark next to red-marks they agree with, and a green x-out on red-marks when it is agreed with the Design Checker that a revision is not needed. Designer revises the calculations and date and places a green circle around the red-marked items which have been addressed and returns the calculations and marked-up copy to the Design Checker.
4. The Design Checker highlights in yellow correctly addressed red-marks and makes additional comments per above as necessary.
5. Above is repeated as necessary until review process is complete.
6. Completed calculations and markups are given to the EOR for review.
7. If acceptable, Designer and Design Checker initial and date the calculations and they are placed back in the design calculation book.

2.2 PLAN DEVELOPMENT:

The EOR and Designer shall review the BDEM "Appendix K-Consultant Submittal Review Checklist" and determine the scope of drawings required at each submittal. The Designer shall provide the Detailer with this information and design criteria, calculations, sketches, etc. required to begin plan development. The Designer shall communicate with the Detailer and supervise the detailing throughout plan development to ensure that the plans adequately and accurately present the design information. The Designer shall verify that the plans contain accurate and adequate information relevant to the submittal phase, including pay items and quantities, prior to giving plans to Design Checker. The process for completing and reviewing plans is as follows:

1. Once the Designer has verified the plans contain accurate and adequate information, they are given to the Design Checker and Detail Checker.
2. Design Checker reviews the plans for technical accuracy in accordance with the design calculations and checks pay items when applicable. Detail Checker reviews that the plans are in accordance with all applicable DOTD standards and verifies dimensions and quantities. Each highlights correct information in yellow. Needed corrections are marked in red ink and notes to the Designer or Detailer are marked in blue ink with their initials and the checkers initials.

3. Designer/Detailer places a green checkmark next to red-marks they agree with, and a green x-out on red-marks when it is agreed with the Design/Detail Checker that a revision is not needed. Detailer revises the plans and places a green circle around the red-marked items which have been addressed and returns the plans and marked-up copy to the Designer.
4. When the Designer verifies that all comments have been addressed, the revised plans and marked-up copy are given to the Design and Detail Checkers.
5. The Design and Detail Checkers highlight in yellow correctly addressed red-marks and makes additional comments per above as necessary.
6. Above is repeated as necessary until review process is complete.
7. Completed plans and markups are given to the EOR for review.
8. If acceptable, the phase submittal stamp is placed on the plans.

3. QA INFORMATION PACKAGE:

Once the above process has been completed for the 90% Final Plans phase, the Designer shall prepare a QA Information Package in accordance with the BDEM "Appendix C-QA Information Package Checklist" and submit the package to the QC/QA Manager to perform quality assurance (QA).

4. QUALITY ASSURANCE REVIEW:

The QC/QA Manager shall review all documents in the QA Information Package to assure that quality control procedures outlined above have been followed and that all documents in the package are in accordance with LADOTD Bridge Design practices, policies, and procedures.

The following items are included for reference and use in the above QC/QA procedures:
BDEM "Appendix A- Design Criteria Checklist"
BDEM "Appendix B-Final Calculation Book Checklist"
BDEM "Appendix C-QA Information Package Checklist"
BDEM "Appendix D-QC/QA Certification"
BDEM "Appendix K-Consultant Submittal Review Checklist"
QC Color Code

APPENDIX A—DESIGN CRITERIA CHECKLIST

Design criteria for each project shall include, but not limited to, the following sections:

__ **Cover sheet**

The following information must be included on the cover sheet:

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

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

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

__ **Design Assumptions and Design Exceptions**

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

__ **General Information**

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

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

__ **Hydraulic Design Criteria**

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

__ **Design Factors**

The ductility factor Π_D, redundancy factor Π_R, and operational importance factor Π_I shall be listed in this section.

__ **Design Loads**

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

__ **Limit States**

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

__ **Bridge Barrier**

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

LADOTD BRIDGE DESIGN AND EVALUATION MANUAL
PART I – POLICIES AND PROCEDURES
CHAPTER 3
POLICY FOR QC/QA

__ **Guardrail**

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

__ **Approach Slab**

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

__ **Deck and Deck Drainage**

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

__ **Bearing**

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

__ **Joint**

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

__ **Superstructure**

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

__ **Substructure**

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

__ **Piles and Drilled Shafts**

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

__ **Geotechnical Design**

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

__ **Mechanical Design**

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

__ **Electrical/Lighting Design**

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

__ **As-Designed Bridge Rating Criteria**

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

__ **Software**

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

APPENDIX B—FINAL CALCULATION BOOK CHECKLIST

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

__ **Cover Sheet**

The following information must be included on the cover sheet:

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

__ **Final Calculation Book Check List**

__ **QC/QA Certifications**

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

__ **Design Criteria**

__ **Final Hydraulic Analysis Report from Hydraulic Engineer**

__ **Final Geotechnical Analysis Report from Geotechnical Engineer**

__ **Superstructure Design Calculations**

__ **Substructure Design Calculations**

__ **Quantity Calculations**

__ **Special Provisions/NS-Items**

__ **Construction Cost Estimate**

__ **As-Designed Rating Report**

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

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

__ **A PDF File of the Calculation Book (Including the As-Designed Rating Report)**

__ **All Electronic Design Files**

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

The final calculation book for in-house projects shall include the same files listed above for consultant projects. The final calculation book and other final design documents for all projects including in-house and consultant projects shall be uploaded to the archiving location designated in the record retention policy within 30 calendar days after the stamped final plans are delivered.

APPENDIX C—QA INFORMATION PACKAGE CHECKLIST

Project No.:

Project Description:

_____ Calculation Book

_____ Plans

_____ Special Provisions

_____ Cost Estimate

_____ Other Documents _____

LADOTD BRIDGE DESIGN AND EVALUATION MANUAL
PART I – POLICIES AND PROCEDURES
CHAPTER 3
POLICY FOR QC/QA

APPENDIX D—QC/QA CERTIFICATION

Project No.:

Project Name:

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

Team Members	Name	PE Registration No.	Responsible Plan Sheets	Responsible Special Provisions	Construction Cost Estimate	Signature
Designers						
Design Checkers						
Detailers						
Detail Checkers						
Reviewers						
Peer Reviewer						
Geotechnical Engineer						
Hydraulic Engineer						
EOR						

QC COLOR CODE

REMEMBER TO USE SIGN-OFF STAMP!

ORIGINATOR
(DESIGNER)

Typed Text, Blueline Prints, Calculations, Black/White Copy

NOT IN: RED, YELLOW, OR GREEN

CHECKER
(OTHER THAN DESIGNER)

Yellow for Correct

Red for "Corections"

"Additions or Deletions" changes

Use blue for notes to Originator

BACKCHECKER
(DESIGNER)

Green Check Mark for Agreement

"Corections"

Green Stet and Crossout when it is agreed "No Changes"

Ok

"Additions or Deletions" changes

UPDATER
(ORIGINATOR/ DRAFTER)

Green Encirclement when Updated

"Corections"

RECHECKER
(OTHER THAN DESIGNER)

Yellow over Red and Green to indicate updated correctly

Ok

"Additions or Deletions" changes

REVIEWERS
(NOT INVOLVED IN ACTIVIITES LISTED ABOVE)

Insures QC process was followed.

Comments in Blue identified by initials and dates.

22. Sub-consultant information:

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
ELOS Environmental, LLC	*607 W. Morris Avenue Hammond, LA 70403*	*Drake Arnone, President of Business Development darnone@elosenv.com*	*985-662-5501*
SJB Group, LLC	*P.O. Box 1751 Baton Rouge, LA 70821*	*Karen Kennedy, P.E. Karen.Kennedy@sjbgroup.com*	*225-769-3400*

23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank.