DOTD FORM 24-102
FOR ENGINEERING AND RELATED SERVICES

PREPARED FOR: LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT (DOTD)

CONTRACT NO. 4400030378

CONTRACT NAME: IDIQ CONTRACT FOR DESIGN SERVICES
LOCALE: STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 61 AND 62

PREPARED BY
MEYER ENGINEERS, LTD.
A COMPANY OF THOMPSON HOLDINGS, INC.

a company of
meyer ENGINEERS + ARCHITECTS | thompson HOLDINGS

SUBMITTED ELECTRONICALLY
TUESDAY, OCTOBER 15, 2024

DOTD FORM: 24-102

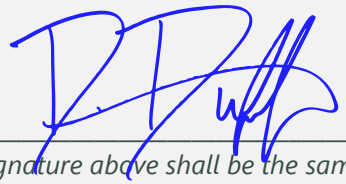
PROPOSAL TO PROVIDE CONSULTANT SERVICES (Revised September 17, 2024)

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.

1-11. PRIME CONSULTANT INFORMATION

1. Contract Name as shown in the advertisement	**IDIQ Contract for Design Services** Statewide with Majority of Work in Districts 61 and 62
2. Contract Number(s) as shown in the advertisement	**Contract No. 4400030378**
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name *(name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)*	**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, P.E.** *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	**Donovan P. Duffy, P.E.** *President* **Phone:** 504-885-9892 **Email:** dduffy@meyer-e-l.com

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

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. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.**	 _____ *Signature above shall be the same person listed in Section 9:* _____ Date: **October 15, 2024**
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):** — **Firm(s)' %:** APS Engineering and Testing, LLC — 5% Vectura Consulting Services, LLC — 5%

12. PAST PERFORMANCE EVALUATION DISCIPLINE TABLE:

As indicated in the advertisement, insert a completed table here. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.
*The **only** past performance evaluation disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.***

Past Performance Evaluation Discipline(s)	**% of Overall Contract**	**Prime** Meyer Engineers, Ltd.	**Firm C** APS Engineering and Testing, LLC	**Firm D** SJB Group, L.L.C.	**Firm E** Vectura Consulting Services, LLC	**Firm F** Modjeski and Masters, Inc.	**Firm F** Thompson Engineering, Inc., of Louisiana	**Each Discipline must total to 100%**
Road	65%	90%					10%	**100%**
Bridge	10%					100%		**100%**
Traffic	5%				100%			**100%**
Geotech	5%		100%					**100%**
Survey	15%			100%				**100%**
*Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant.*								
Percent of Contract	**100%**	**60%**	**5%**	**15%**	**5%**	**10%**	**5%**	**100%**

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	9	9
	Engineer Intern	0	2
	Inspector	0	4
	Inspector – Certified	0	4
	Inspector – Lead	0	1
	Planner	0	1
	Principal	1	1
	Supervisor – Engineer	1	2
Thompson Engineering, Inc., of Louisiana	Accountant	0	13
	Administrative	0	36
	Clerical	0	36
	Engineer	3	80
	Engineer Intern	0	2
	Inspector	0	210
	Inspector – Certified	0	31
	Inspector – Lead	0	20
	Planner	0	3
	Principal	0	15
	Supervisor – Engineer	0	16
	Surveyor	0	18
	Technician	0	78
SJB Group, L.L.C.	Engineer	1	7
	Party Chief	1	6
	Senior Technician	3	3
	Supervisor – Engineer	2	3
	Surveyor	1	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)
APS Engineering and Testing, LLC	Clerical	1	1
	Driller	8	8
	Engineer	3	3
	Engineering-Aide	1	1
	Engineer Intern	2	2
	Inspector	5	5
	Technician	12	12
Vectura Consulting Services, LLC	Clerical	0	1
	Engineer	3	3
	Engineer Intern	0	2
	Inspector	0	2
	Senior – Technician	0	2
	Supervisor – Engineer	2	2
	Supervisor – Other	0	1
	Technician	0	1
Modjeski and Masters, Inc.	CADD Technician	1	7
	Clerical	0	3
	Engineer	1	10
	Engineer – Intern	1	9
	Engineer – Other	0	11
	Principal	2	9
	Professional	0	4
	Senior – Technician	0	3
	Supervisor – Engineer	3	14
	Supervisor – Other	0	7
	Technician	0	2

14. ORGANIZATIONAL CHART

DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

DOTD – Louisiana Department of Transportation & Development

ROAD DESIGN
Meyer Engineers, Ltd.
Thompson Engineering, Inc.◊

Mark A. Schutt, P.E. (Meyer)
Eric M. Colwart, P.E. (Meyer)
Tyler J. Gettys, P.E. (Meyer)
Alec J. Simonson, P.E. (Meyer)

meyer engineers + architects | a company of thompson holdings

PRINCIPAL-IN-CHARGE
Meyer Engineers, Ltd.

Donovan P. Duffy, P.E.

meyer engineers + architects | a company of thompson holdings

SYMBOL KEY

◊ = Thompson Engineering, Inc., of Louisiana is a sister company to Meyer Engineers, Ltd.
[redacted] = Performing Traffic Analyses

QUALITY CONTROL
Meyer Engineers, Ltd.

Jitendra C. Shah, P.E.
Nicole B. Dunn, P.E.

meyer engineers + architects | a company of thompson holdings

ROAD DESIGN
Thompson Engineering, Inc., of Louisiana◊

Drew T. Davis, P.E., Env. Sp. (Thompson)◊
Matthew C. Rogers, P.E. (Thompson)◊
Adam C. Jackson, P.E. (Thompson)◊

thompson engineering

PROJECT MANAGER/CIVIL ENGINEER
Meyer Engineers, Ltd.

David H. Dupré, P.E.

meyer engineers + architects | a company of thompson holdings

GEOTECHNICAL ENGINEERING
APS Engineering & Testing, LLC (DBE)

Sergio L. Aviles, P.E.
Sairam (Sai) V. Eddanapudi, P.E.
Surendra R. Pathak, P.E.

APS Engineering and Testing

BRIDGE DESIGN
Modjeski & Masters, Inc.

Cullen J. Ledet, P.E.
Yu Ouyang, P.E.
Jared Wiseman, P.E.
Stacey P. Carr, P.E.
Jason W. Miles, P.E.
Mott J. Holt, P.E.

MODJESKI and MASTERS

TOPOGRAPHIC SURVEYING
SJB Group, L.L.C.

Matthew Estopinal, P.E., P.L.S.
Charles T. Brewer, RF, PS, PLS, RPLS, RPP
Colby Mire, P.L.S.
Karen M. Kennedy, P.E.
Austin LaCombe, P.E.
Marshall Pounds
Elvis Nguyen

SJB GROUP – QUALITY BY DESIGN

TRAFFIC ENGINEERING
Vectura Consulting Services, LLC (DBE)

[redacted]heelagh B. Ferlito, P.E., P.T.O.E.
[redacted]aurence L. Lambert, II, PE, PTOE, PTP
[redacted]Reece Rodrigue, P.E., P.T.O.E., RSP1
[redacted]risten G. Farrington, P.E., P.T.O.E., RSP1
Bridget S. Robicheaux, P.E., P.T.O.E.

VECTURA CONSULTING SERVICES, LLC

meyer engineers + architects | a company of thompson holdings

MEYER ENGINEERS, LTD.

15. MINIMUM PERSONNEL REQUIREMENTS

MEYER ENGINEERS, LTD.

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 AND DISCIPLINE MEETING MPR/ CERTIFICATION & NUMBER *(Ex: P.E. # – Civil)*	STATE OF LICENSE	LICENSE / CERTIFICATION EXPIRATION DATE
1,2	Donovan P. Duffy, P.E.	Meyer Engineers, Ltd.	P.E. #0041844 – Civil	LA	03/31/2026
2,3	Jitendra C. Shah, P.E.	Meyer Engineers, Ltd.	P.E. #0019551 – Civil P.E. #0019551 – Environmental	LA	03/31/2025
2,3	David H. Dupre, P.E.	Meyer Engineers, Ltd.	PE #0023422 – Civil P.E. #0023422 – Environmental	LA	03/31/2026
3	Mark A. Schutt, P.E.	Meyer Engineers, Ltd.	P.E. #0030528 – Civil	LA	03/31/2025
3	Eric M. Colwart, P.E.	Meyer Engineers, Ltd.	P.E. #0036290 – Civil	LA	09/30/2025
3	Nicole B. Dunn, P.E.	Meyer Engineers, Ltd.	P.E. #0044444 – Civil	LA	09/30/2026
3	Tyler J. Gettys, P.E.	Meyer Engineers, Ltd.	P.E. #0046806 – Civil	LA	09/30/2026
3	Alec J. Simonson, P.E.	Meyer Engineers, Ltd.	P.E. #0045838 – Civil	LA	03/31/2026

[redacted]

SJB GROUP, L.L.C.

4	Matthew S. Estopinal, P.E., P.L.S.	SJB Group, L.L.C.	P.E. #0039151 – Civil P.L.S. #0004955	LA	3/31/2025 (P.E.) 3/31/2025 (P.L.S.)
4	C. Tim Brewer, R.F., P.L.S., R.P.L.S., R.P.P.	SJB Group, L.L.C.	P.L.S. #0005009	LA	09/30/2025
4	Colby Mire, P.L.S.	SJB Group, L.L.C.	P.L.S. #0005308	LA	09/30/2025

16. STAFF EXPERIENCE

Firm employed by: MEYER ENGINEERS, LTD.					
Name	Donovan P. Duffy, P.E.		**Years of relevant experience with this employer**	8	
Title	President		**Years of relevant experience with other employer(s)**	4	
Degree(s) / Years / Specialization			B.S. (Louisiana State University) / 2013 / Civil Engineering		
Active registration number / state / expiration date			P.E. #0041844 / LA / 03-31-2026		
Year registered	2017	**Discipline**	Civil Engineering		
Contract role(s) / brief description of responsibilities			Principal-in-Charge / Meets MPR No. 1		

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 years of experience specified in the applicable MPR(s).*
	Mr. Donovan P. Duffy, P.E., has over twelve years of experience in Civil and Structural Engineering and Construction Management. He has extensive experience leading design and construction administration operations within a diverse range of industries and government entities. He specializes in structural engineering including analysis of existing structures and foundations, as well as design of concrete foundations, concrete structures, and steel framing for new buildings and structures. 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 pre-construction and construction progress meetings; shop drawing review; evaluation of change orders and pay requests; and various other construction coordination responsibilities. 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", and the "AISC Manual of Steel Construction".
Experience dates: 12/18 - Present	**State Project No: H.013850 | This project was located primarily in LA DOTD DISTRICT 61.** **Project Name & Locale: Duplessis Road Safety Widening, Ascension Parish | Role: Project Principal** Mr. Duffy was Project Principal for the full roadway reconstruction of the 1.65-mile portion of the road to widen the road from 18' wide to 26' wide (two 11' lanes and two 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 new subsurface and roadside ditch sections. **Construction Cost: $5.2M (Estimated)**
Experience dates: 09/22 – Present	**State Project No. H.014374 | This project was located primarily in LA DOTD DISTRICT 62.** **Project Name & Locale: US 11 and Spartan Roundabout, St. Tammany Parish | Role: Project Principal** **Project Principal** for the design, plan preparation, and construction administration for the US 11 at Spartan Drive project located in Slidell. The LADOTD Urban Systems project includes the construction of a roundabout to replace the existing 4-way signalized intersection. Meyer is tasked with designing the roundabout at the intersection as well as the full roadway reconstruction for road approaches to both US Hwy. 11 and Spartan Drive.
Experience dates: 06/22 – Present	**State Project No: H.011310 | This project was located primarily in LA DOTD DISTRICT 61.** **Project Name & Locale: Ford Street Extension, East Baton Rouge Parish | Role: Project Principal** Mr. Duffy was Project Principal for the Ford Street Extension in East Baton Rouge Parish. The design is being coordinated by DOTD in conjunction with East Baton Rouge Parish. The project will extend 2,700' from LA 67 (Plank Road) to Howell Place Boulevard. The extension will consist of a concrete roadway with 2-11' lanes, 30' wide raised median, subsurface drainage, and sidewalks on both sides. Water and sewer design is also included. The plans include typical sections, plan and profile sheets, design drainage map, geometric details, pavement markings, signing layout, construction signing and sequence of construction, temporary erosion plan, and cross sections.
Experience dates: 06/22 - Present	**Project Name & Locale: US 190 @ LA 433 Intersection Improvements, St. Tammany Parish | Role: Project Principal** **This project was located primarily in LA DOTD DISTRICT 62.** Mr. Duffy was Project Principal for preparing a Stage 0 Study for intersection improvements which may include tying Dixie Ranch Road into this intersection. Several alternatives to the design are several roundabout layouts as well as intersection improvements. Meyer is coordinating with subconsultants, Parish Officials, Stakeholders, and DOTD. Meyer is preparing conceptual drawings with critical scheduling and AutoTurn analysis, and typical sections for the alternates. Meyer is also coordinating on right-of-way issues, utility relocations, and drainage analysis. Meyer will prepare a Stage 0 Preliminary Scope and Budget Checklist as well as the Stage 0 Environmental Checklist. Alternatives are being compared in an Alternative Comparative Evaluation Matrix. All results and analysis will be compiled in a report.

16. STAFF EXPERIENCE

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Jitendra C. Shah, P.E.	**Years of relevant experience with this firm/employer**	40	
Title	Civil Engineer	**Years of relevant experience with other firm(s)/employer(s)**	11	
Degree(s) / Years / Specialization		M.S. (Wayne State University) / 1975 / Civil Engineering B.S. (Detroit Institute of Technology) / 1973 / Civil Engineering		
Active registration number / state / expiration date		P.E. #0019551 / LA / 03-31-2025		
Year registered	1981 **Discipline**	Civil Engineering		
Contract role(s) / brief description of responsibilities		Civil Engineer / Quality Control Manager / Meets MPR No. 2		

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 years of experience specified in the applicable MPR(s).*
	Mr. Jitendra C. Shah, P.E. is involved with all aspects of administering engineering projects which include client contact, cost estimates, design, quality control, construction administration, and contract closeout, preparation of reports and plans and specifications. He participates in most facets of Civil Engineering design including structural, sanitary and storm sewerage, water, sidewalks, drainage, roads and bridges, and airport designs. He has completed the DOTD/RPC sponsored course, *Designing Streets for Pedestrian & Bicycle Safety*. He has completed the FHWA & DOTD joint-sponsored course, *Stream Stability and Scour at Highway Bridges*. He is an Associate Member of the Institute of Transportation Engineers (ITE), and a member of the American Society of Civil Engineers (ASCE) and the Louisiana Engineering Society (LES).
Experience dates: 11/14 – 05/18	**Project Name & Locale: S. Galvez Street (Toledano Street to Martin Luther King Boulevard), Orleans Parish | Role: Project Engineer** Mr. Shah was Project Engineer for the design of the reconstruction of S. Galvez from Toledano Street to Martin Luther King Boulevard (approximately 1,800 feet). The construction of the concrete roadway included two 12-foot-wide traveling lanes and 8′ parking lane in each direction separated by a median. Additional features included curbs, new traffic signals, subsurface drainage, water line, sewer line, and street lighting replacement. **Construction Cost: $5.5M**
Experience dates: 01/18 – Present	**Project Name & Locale: Holmes Boulevard Rehabilitation (Browning Lane to Behrman Highway), Jefferson Parish | Role: Project Engineer** Project Engineer for the Holmes Boulevard Rehabilitation Project. The project consisted of removing and replacing the existing two lane undivided concrete roadway and adding a 6′ foot continuous shoulder/bike lane on either side of Browning Lane to Behrman Highway. The six-foot continuous shoulder on each side serves as a bike lane and was constructed using a 10″ pervious concrete section 4.5 feet wide with a 1.5-foot-wide barrier curb and gutter of standard concrete for a total width of 6′ feet. A 3′ foot mountable curb island is to be used to separate the bike lane from the automobile travel lanes. **Construction Cost: $5.8M (Estimated)**
Experience dates: 03/09 – Present	**Project Name & Locale: 11th Street Widening & Resurfacing (New Orleans Avenue to Queens Road), Jefferson Parish | Role: Project Engineer** Project Engineer designing the widening and resurfacing of 11th Street from New Orleans Avenue to Queens Road. The existing 20′ asphalt roadway will be widened to 24′ and the existing drainage system will be improved. Additional roadway improvements will include patching areas where the existing pavement has failed and milling and overlaying the existing asphalt road section. Improvements to the drainage system will include swale ditches designed to carry drainage to the side streets, catch basins to collect subsurface drainage, and new or upgraded subsurface drainage lines. Existing sidewalks will be removed and replaced as necessary. **Construction Cost: $1.5M (Estimated)**
Experience dates: 08/12 – 05/20	**Project Name & Locale: Treme-Lafitte Neighborhood Infrastructure Rehabilitation, Orleans Parish | Role: Project Manager** Project Manager for the design of the infrastructure rehabilitation project for the Treme-Lafitte Neighborhood. The neighborhood consists of about 200 blocks in the City of New Orleans bounded by Esplanade Avenue, St. Louis Street, N. Broad Street, and N. Rampart Street. The project consists of the repair or replacement of roadway pavement, curbs, sidewalks, and driveways damaged by Hurricane Katrina. The project also consists of upgrading of the water line system including modifications to the existing system and upgrading or constructing handicapped ramps at intersections to bring the neighborhood up to current ADA standards. **Construction Cost: $5.8M (Estimated)**
Experience dates: 09/07-12/12	**State Project No. 704-92-0039** **Project Name & Locale: LA DOTD Submerged Roads Program, Orleans & St. Bernard Parishes; Role: Project Manager** Project Manager for the retainer contract which included ten different Task Orders for five separate bid packages. The project was for the permanent repair to Federal aid eligible roads resulting in damage due to Hurricane Katrina. The work included base repair, asphalt and concrete patching, mill, asphalt overlay, concrete roads, concrete curbs, granite curbs, driveways, sidewalks, handicap ramps, drain line repairs, and catch basin repairs. **Construction Cost: $62M (All Task Orders)**

16. STAFF EXPERIENCE

Firm employed by: MEYER ENGINEERS, LTD.					
Name	Nicole B. Dunn, P.E.		**Years of relevant experience with this employer**	1	
Title	Civil Engineer		**Years of relevant experience with other employer(s)**	9	
Degree(s) / Years / Specialization			B.S. (Louisiana State University) / 2015 / Civil Engineering		
Active registration number / state / expiration date			P.E. #0044444 / LA / 09-30-2026		
Year registered	2020	**Discipline**	Civil Engineering		
Contract role(s) / brief description of responsibilities			Quality Control Specialist		

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 years of experience specified in the applicable MPR(s).*
	Nicole Dunn has over ten years of experience in the contract administration field with a foundation in DOTD Road Design and Plan Preparation. She has worked for LADOTD for the last ten years, the last seven of which she worked in District 61's PE office, overseeing LADOTD projects in Ascension, Assumption, and St. James Parishes totaling over $500M worth of road/bridge construction contracts. She is very knowledgeable of quality assurance reviews during plan development, contract administration procedures, and is proficient in DOTD's construction management software programs. **She is an ATTSA certified Traffic Control Supervisor and Flagger**.
Experience dates: 06/24 – Present	**State Project No. H.012752 | Project Name & Locale: LA 46 @ Weinberger Rd, St. Bernard Parish | Role: Project Engineer** **Project Engineer** for the LA 46 at Weinberger Rd project which realigns Weinberger Rd southeast of its current location to facilitate cohesion with a future corridor. LA 46 is undergoing turn lane modifications and subsurface drainage installations. Weinberger Rd's pavement structure includes sections of both concrete and asphalt pavement in conjunction with working with the RR company's crossings.
Experience dates: 06/17 – 04/24	**District 61 Project Engineer (LADOTD) | Ascension, Assumption, Iberville, and St. James Parishes | Roles: Project Engineer, Contract Administrator** **Performed all Contract Administration on LADOTD construction projects in Area C.** Preconstruction / Design: Identify the project scope with the designers in the earliest phases of the project, review plan sets, complete constructability reviews, and coordinate field meetings to address specific items or utility needs of the project. Focus on Plan QA/QC at each development milestone with attention to specification appropriateness and cohesion between engineering disciplines. Construction Engineering / Construction Administration: Review project submittals, shop drawings, and coordinate traffic control needs/press releases; make adjustments for differing site conditions and complete change orders with specific attention to funding categories for estimate purposes; complete all stockpile material assessments/inputs into Site Manager throughout the progression of the project; reviewed diaries/estimates using Site Manager and Headlight; various construction tasks performed include checking drainage grades, analyzing all IRI data in Proval, and insuring plan intent and specifications are adhered to; managed inspection, construction office team, and equipment. Maintenance / Emergency Work: Emergency shift work included responding to debris events, high water, and ice/snow events; specific duties included reporting SITRep data, salting bridges, reporting impassible roadways, and overseeing aquadam installation.
Experience dates: 12/15 – 06/17	**LADOTD Road Design:** Experience in Road Design Tasks for Completion Milestones, Stage 3 Plan Review Distribution, and Plan QA/QC for current specifications. Designer for H.008312, LA 1042 Bridges near Greensburg (95% Preliminary-100% Final Plans), Designer for H.000263, Chef Menteur Pass Bridge and Approach, in Preliminary milestones.
Experience dates: 06/15 – 12/15	**LADOTD Pavement and Geotechnical Section:** Boring log QA/QC for soil classifications, developed soil profiles and performed pile designs on various off-system bridge projects throughout Louisiana. Assisted with multiple PDA tests on both concrete and steel piles. Worked alongside the geotechnical drill crew and the geotechnical lab.
Experience dates: 06/14 – 08/14	**LADOTD Pavement Preservation Section:** Plan Checking for DOTD Roadway Plan Preparations. Created the Pavement Preservation Health Index for the 13-14 fiscal year. Collected data on the asphalt overlays used in various states in order to compare how Louisiana uses thin overlays.

16. STAFF EXPERIENCE

Firm employed by: MEYER ENGINEERS, LTD.					
Name	David H. Dupre, P.E.		**Years of relevant experience with this employer**	36	
Title	Project Manager / Civil Engineer		**Years of relevant experience with other employer(s)**	3	
Degree(s) / Years / Specialization			B.S. (Louisiana State University) / 1984 / Civil Engineering		
Active registration number / state / expiration date			P.E. #0023422/ LA / 03-31-2026		
Year registered	1989	**Discipline**	Civil Engineering		
Contract role(s) / brief description of responsibilities			Project Manager / Civil Engineer / Meets MPR No. 3		

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 years of experience specified in the applicable MPR(s).*
	Mr. David H. Dupre, P.E. is a Principal and a Professional Civil Engineer, registered in the State of Louisiana. He is involved with all aspects of administering engineering projects which include client contact, cost estimates, design, quality control, construction administration, preparation of reports, plans and specifications. He participates in most facets of Civil Engineering design including roads, bridges, drainage, sanitary sewer, water and structural. He was the 2020-2021 Chairman of the Board of the American Council of Engineering Companies Louisiana (ACECL) and the former New Orleans Chapter President. In 2016, he was honored in receiving the Outstanding Civil Engineer award from the New Orleans Branch of the ASCE. He is also a member of SAME, ASCE, APWA, CMAA and LES. He 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 certified in Local Public Agency Qualification Core Training, Construction Engineering and Inspection (CE&I) Training, Project Planning, Feasibility & Application Workshop, Project Design and Delivery Training. He completed the Designing Streets for Pedestrian & Bicycle Safety Workshop. He is a LADOTD certified Traffic Control Supervisor and Flagger.
Experience dates: 06/19-Present	**Project Name & Locale: Runway 13/31 Safety Area / RPZ Improvements Plank Road, East Baton Rouge Parish | Role: Project Manager** Project Manager for relocating a portion of Plank Road (LA 67). The purpose of the project is to obtain the Federal Aviation Administration's (FAA) required Runway Safety Area at the end of Runway 31 at the Baton Rouge Metropolitan Airport. The Phase I project relocates approximately 3,000 ft. in length as a 4-lane divided roadway. Drainage includes an extension of double barrel 60" RCP culverts, headwalls, and canal transitions. Drainage along the road includes urban design (subsurface) and rural design (culverts and roadside ditches). **Construction Cost: $4.1M (EST)**
Experience dates: 03/08-07/22	**State Project No: H.007272** **Project Name & Locale: Howard Avenue Extension (Loyola Avenue to LaSalle Street), Orleans Parish | Role: Project Manager** Project Manager responsible for managing and designing the extension which consisted of a 1,600' concrete roadway with curbs, subsurface drainage, turn lane, 7' wide sidewalks, striping, traffic signals, and street lighting. **Construction Cost: $3.2M (EST)**
Experience dates: 06/13-12/15	**State Project No: H.007855 | This project was located primarily in LA DOTD DISTRICT 61.** **Project Name & Locale: LA 431 @ LA 934 Intersection Improvements, Ascension Parish | Role: Project Manager** Project Manager providing engineering and project management for this DOTD Urban Systems Project which includes intersection improvements which consists of pavement widening, asphalt pavement and base course, asphalt mill and overlay, drainage, and adding left and right turn lanes. **Construction Cost: $1.5M**

16. STAFF EXPERIENCE

MEYER ENGINEERS, LTD. (DAVID H. DUPRE, P.E., RESUME) - CONTINUED	
Experience dates: 01/18-Present	**State Project No: H.013850 | This project is located primarily in LA DOTD DISTRICT 61.** **Project Name & Locale: Duplessis Road Safety Widening, Ascension Parish | Role: Project Manager** Project Manager for the design, plan preparation, and construction administration for the road safety widening. Duplessis Road is categorized as an Urban Collector Roadway that provides connection between major LADOTD Roads: Airline Highway (US Highway 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 11' wide lanes and two 2' wide paved shoulders). The road and shoulder safety widening will aid in vehicle recovery and provide a safer roadway for traveling motorists. **Construction Cost: $5.2M (EST)**
Experience dates: 05/22-Present	**State Project No. H.013522.5** **Project Name & Locale: S. Lewis Street Widening, Iberia Parish | Role: Project Manager, Senior Design Engineer** Project Manager and Senior Design Engineer for the design to widen South Lewis Street with turn lanes to improve its intersection with LA 674 (East Admiral Doyle). The limits on South Lewis Street are approximately 1,100' south and approximately 700' north of LA 674 (East Admiral Doyle) in New Iberia, Louisiana. The project will also incorporate improvements on LA 674 (East Admiral Doyle). The improvements will include the addition of turn lanes, pavement widening, mill and overlay, and subsurface drainage.
Experience dates: 06/13-05/18	**State Project No. H.010184 | This project was located primarily in LA DOTD DISTRICT 62.** **Project Name & Locale: LA 59: Curve Realign and Tunnel at Trace, St. Tammany Parish | Role: Project Manager** Project Manager for designing the road, geometry, and drainage for LA 59: Curve Realign and Tunnel at Trace project. Improvements included flattening the radius of LA 59 at the existing dangerous "S" curve as the road crosses the trace. Other improvements included drainage, utility relocations, and raising the grade of the road two feet for the tunnel. This portion of the project is paid for under the Highway Safety Improvement Program (HSIP). Work also includes construction of a pedestrian tunnel under LA 59. The tunnel work includes a 14' x 10' box culvert, approach ramps, sump pump, wet well, waterproofing, and vandal resistant lighting. This portion of the project is funded through the Transportation Alternatives Program (TAP). **Construction Cost: $3.6M (EST)**
Experience dates: 10/20-Present	**Project Name & Locale: Scenic Highway Project (Harding Boulevard to Swan Avenue), East Baton Rouge Parish | Role: Project Manager** Project Manager completing the drainage design for the Scenic Highway (Harding Boulevard to Swan Avenue) Corridor Enhancement Project. As part of the MOVEBR Program, the project proposes to enhance pedestrian, transit, and bicycle safety and mobility by improving the existing corridor to better accommodate the Complete Streets needs in the area. Traffic and geometry analysis of considered concepts are being developed to enhance pedestrian, transit, and bicycle mobility throughout the corridor. Meyer is also designing the drainage for this corridor, which includes drainage along Scenic and cross drains across Scenic Highway (US 61) and across Harding Boulevard (LA 48). **Construction Cost: $7M (EST)**
Experience dates: 09/20-Present	**Project Name & Locale: Bainbridge Canal Closure and Roadway Improvements, Jefferson Parish | Role: Project Manager** Project Manager for designing the improvements on Bainbridge Street from Veterans Boulevard to Terminal Drive in Kenner. The work includes 2,000 feet of a steel sheet pile wall section of a canal. Also included is 60 feet of a dual 7' x 6' concrete box culvert, 1,100 feet of a reshaped canal, and the road replacement of 4,000 feet of Bainbridge Street. The work also includes a portion of relocated drainage canal, side street drainage laterals, replacement of concrete streets, utility offsets, streetlights, a sewerage lift station, street lights, waterline replacement, sidewalks, landscaping, and the extension of the left turn lane on Veterans Boulevard. **Construction Cost: $26.2M (EST)**
Experience dates: 10/23-Present	**Project Name & Locale: St. Bernard Terminal Road Study, St. Bernard Parish | Role: Project Manager** Project Manager for conducting a Stage 0 Feasibility Study to evaluate impacts and assess potential improvements to the surface transportation network in St. Bernard Parish relative primarily to the implementation of the proposed Louisiana International Terminal (LIT) project in Violet, as well as other downriver developments to be identified and reviewed.

16. STAFF EXPERIENCE

Firm employed by: MEYER ENGINEERS, LTD.					
Name	Mark A. Schutt, P.E.		**Years of relevant experience with this firm/employer**	25	
Title	Civil Engineer		**Years of relevant experience with other firm(s)/employer(s)**	2	
Degree(s) / Years / Specialization			M.S. (Tulane University) / 1999 / Civil Engineering B.S. (Tulane University) / 1997 / Civil Engineering		
Active registration number / state / expiration date			P.E. #0030528 / LA / 03-31-2025		
Year registered	2003	**Discipline**	Civil Engineering		
Contract role(s) / brief description of responsibilities			Civil Engineer		

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 years of experience specified in the applicable MPR(s).*
	Mr. Mark A. Schutt, P.E. performs Civil Engineer design for the firm. This includes client contact, cost estimates, design, construction administration, preparation of reports, plans and specifications, and computer programming as needed. While with other firms he conducted extensive research on pile-supported approach slabs. He has designed projects in accordance with DOTD's "Roadway Design Manual", "Hydraulics Manual", "Bridge Manual", AASHTO's "Green Book" and the "Louisiana Standards and Specifications for Roads and Bridges". He is a member of the Louisiana Engineer's Society of Civil Engineers, and the National Society of Professional Engineers. He attended DOTD's CADconform and ControlCAD Indexer seminars.
Experience dates: 06/22 – Present	**State Project No. H.011310 | This project was located in LA DOTD DISTRICT 61.** **Project Name & Locale: Ford Street Extension, East Baton Rouge Parish | Role: Project Engineer** Project Engineer preparing the preliminary plans for the Ford Street Extension in East Baton Rouge Parish. The design is being coordinated by DOTD in conjunction with East Baton Rouge Parish. The project will extend 2,700' from LA 67 (Plank Road) to Howell Place Boulevard. The extension will consist of a concrete roadway with 2-11' lanes, 30' wide raised median, subsurface drainage, and sidewalks on both sides. Water and sewer design is also included. Plans include typical sections, plan and profile sheets, design drainage map, geometric details, pavement markings, signing layout, construction signing and sequence of construction, temporary erosion plan, and cross sections.
Experience dates: 06/13 – 05/18	**State Project No. H.010184 | This project was located in LA DOTD DISTRICT 62.** **Project Name & Locale: LA 59: Curve Realign and Tunnel at Trace, St. Tammany Parish | Role: Project Engineer** Project Engineer for the design of road, geometry, and drainage for LA 59: Curve Realign and Tunnel at Trace project. Improvements included flattening the radius of LA 59 at the existing dangerous "S" curve as the road crosses the trace. Other improvements included drainage, utility relocations, and raising the grade of the road two feet for the tunnel. This portion of the project is paid for under the Highway Safety Improvement Program (HSIP). Work also includes construction of a pedestrian tunnel under LA 59. The tunnel work includes a 14' x 10' box culvert, approach ramps, sump pump, wet well, waterproofing, and vandal resistant lighting. This portion of the project is funded through the Transportation Alternatives Program (TAP). **This project received an "Honor Award" the Special Projects Category at the 3.14.2024 ACECL Engineering Excellence Awards.** **Construction Cost: $3.6M (EST)**
Experience dates: 09/22 – Present	**State Project No. H.014374 | This project was located in LA DOTD DISTRICT 62.** **Project Name & Locale: US 11 and Spartan Roundabout, St. Tammany Parish | Role: Project Engineer** Project Engineer for the design, plan preparation, and construction administration for the US 11 at Spartan Drive project located in Slidell. The LADOTD Urban Systems project includes the construction of a roundabout to replace the existing 4-way signalized intersection. Meyer is tasked with designing the roundabout at the intersection as well as the full roadway reconstruction for road approaches to both US Hwy. 11 and Spartan Drive.

16. STAFF EXPERIENCE

MEYER ENGINEERS, LTD. (MARK A. SCHUTT, P.E., RESUME) - CONTINUED	
Experience dates: 08/00 – 06/11	**State Project No. H.742-26-0044** **Project Name & Locale: Harvey Boulevard (Wall Boulevard to Engineers Road), Jefferson & Plaquemines Parishes; Role: Project Engineer** Project Engineer for Harvey Boulevard from Wall Boulevard to Engineers Road (approximately 4,800 LF). The new asphaltic concrete roadway included four 12' lanes, concrete curbs, new traffic signals and subsurface drainage. The project also included two 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**
Experience dates: 01/16 – 07/19	**State Project No. H.011835 | This project was located primarily in LA DOTD DISTRICT 62.** **Project Name & Locale: Washington Parish Sidewalk Improvements, Washington Parish; Role: Project Engineer** Project Engineer for the design which consisted of 4,000 linear feet of 6-foot-wide decorative concrete sidewalks. The sidewalks provide a non-motorized transportation link in the community and will tie into the Safe Routes to School Project around the Franklinton Junior High School. Future phases to extend the path along Main Street (LA 25) and along Boat Ramp Road are in conceptual design phase. The project provides connectivity between residential neighborhoods and established commercial areas and government services. This project is being funded in part by DOTD through the Transportation Alternatives Program. Meyer is coordinating with DOTD as well as Washington Parish. **Construction Cost: $345K**

16. STAFF EXPERIENCE

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Eric Colwart, P.E.	**Years of relevant experience with this firm/employer**	18	
Title	Civil Engineer	**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		P.E. #36290 / LA / 09-30-2025		
Year registered 2011	**Discipline**	Civil Engineering		
Contract role(s) / brief description of responsibilities		Civil Engineer		

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).*
	Mr. Eric Colwart, P.E. will perform Civil Engineering design and drafting 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. He 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".
Experience dates: 03/08 – 07/20	**State Project No. H.007272** **Project Name & Locale: Howard Avenue Extension (Loyola Avenue to LaSalle Street), Orleans Parish; Role: Lead Project Engineer** Lead Project Engineer for the design and drafting of the extension which consists of a 1,600' concrete roadway with curbs, subsurface drainage, turn lane, 7' wide sidewalks, striping, traffic signals, and street lighting. **Construction Cost: $3.2M (EST)**
Experience dates: 01/18 – Present	**Project Name & Locale: Mid-Barataria Sediment Diversion – Bridge, Plaquemines Parish; Role: Project Engineer** Assisting with the 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. Bridge design includes concrete deck, barriers, and girders, battered and plumb pile bents, with cylindrical concrete piles, and concrete pile caps. All plans and design calculations will be in accordance with the LADOTD Bridge Design Manual, and AASHTO LRFD Bridge Design Specifications. 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 (EST)**
Experience dates: 11/14 – 05/18	**Project Name & Locale: S. Galvez Street (Toledano Street to Martin Luther King Boulevard, Orleans Parish; Role: Project Engineer** Project Engineer for the design of the reconstruction of S. Galvez from Toledano Street to Martin Luther King Boulevard (approximately 1,800 feet). The construction of the concrete roadway included two 12-foot-wide traveling lanes and 8' parking lane in each direction separated by a median. Additional features included curbs, new traffic signals, subsurface drainage, water line, sewer line, and street lighting replacement. **Construction Cost: $5.5M**
Experience dates: 08/12 – 05/20	**Project Name & Locale: Treme-Lafitte Neighborhood Infrastructure Rehabilitation, Orleans Parish; Role: Project Engineer** Project Engineer for the design for the infrastructure rehabilitation project for the Treme-Lafitte Neighborhood. The neighborhood consists of about 200 blocks in the City of New Orleans bounded by Esplanade Avenue, St. Louis Street, N. Broad Street, and N. Rampart Street. The project consists of the repair or replacement of roadway pavement, curbs, sidewalks, and driveways damaged by Hurricane Katrina. The project also consists of upgrading of the water line system including modifications to the existing system and upgrading or constructing handicapped ramps at intersections to bring the neighborhood up to current ADA standards. **Construction Cost: $5.8M (EST)**
Experience dates: 09/07 – 12/12	**State Project No. 704-92-0039** **Project Name & Locale: LA DOTD Submerged Roads Program, Orleans & St. Bernard Parishes; Role: Lead Project Engineer** Lead Project Engineer for the retainer contract which included ten different Task Orders for five separate bid packages. The project was for the permanent repair to Federal aid eligible roads resulting in damage due to Hurricane Katrina. The work included base repair, asphalt and concrete patching, mill, asphalt overlay, concrete roads, concrete curbs, granite curbs, driveways, sidewalks, handicap ramps, drain line repairs, and catch basin repairs. **Construction Cost: $62M (All Task Orders)**

16. STAFF EXPERIENCE

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Tyler J. Gettys, P.E.	**Years of relevant experience with this firm/employer**	3	
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		P.E. #46806 / LA / 09-30-2026		
Year registered	2022 **Discipline**	Civil Engineering		
Contract role(s) / brief description of responsibilities		Civil Engineer		

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).*

Mr. Tyler J. Gettys, P.E. has over seven 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). He is a LADOTD certified Traffic Control Supervisor and Flagger.

Experience dates: 09/22 – Present	**State Project No. H.014374 | US 11 and Spartan Roundabout, St. Tammany Parish** | **Role: Project Engineer | This project was located primarily in LA DOTD DISTRICT 62.** Assisting with the design, plan preparation, and construction administration for the US 11 at Spartan Drive project located in Slidell. The LADOTD Urban Systems project includes the construction of a roundabout to replace the existing 4-way signalized intersection. Meyer is tasked with designing the roundabout at the intersection as well as the full roadway reconstruction for road approaches to both US Hwy. 11 and Spartan Drive.
Experience dates: 01/18 – Present	**State Project No. H.013850 | Duplessis Road Safety Widening, Ascension Parish | Role: Project Engineer | This project was located primarily in LA DOTD DISTRICT 61.** 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 aid 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)**
Experience dates: 01/21 – 04/23	**Jefferson Highway at Bluebonnet Boulevard, East Baton Rouge Parish; Role: Project Engineer** Project Engineer for the design of the Jefferson Highway Bluebonnet intersection project. As part of the MOVEBR Program, the project included extending the north and south bound left and right turn lanes on Bluebonnet. Other work included drain inlet structures, driveways, and light pole relocation. **Construction Cost: $1.3M (EST)**
Experience dates: 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** I-20WB Off Ramp is classified as an Urban Ramp Roadway that provides connectivity between the major LADOTD and US Routes of LA 617 and US 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 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** The project consisted of spot replacing asphalt roadway, base course, grading, and a concrete slab span bridge. **Construction Cost: $1.7M** **State Project No. H.012052: LA 3092 Roundabout** | **Calcasieu Parish** The project consisted of a PCCP roundabout, drainage structures, base course, detour roadways, grading, curb, and gutter. **Construction Cost: $2.3M (EST)**

16. STAFF EXPERIENCE

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Alec J. Simonson, P.E.	**Years of relevant experience with this firm/employer**	7	
Title	Civil Engineer	**Years of relevant experience with other firm(s)/employer(s)**	0	
Degree(s) / Years / Specialization		B.S. (Louisiana State University), 2017, Civil Engineering		
Active registration number / state / expiration date		P.E. #45838 / LA / 03-31-2026		
Year registered	2021 **Discipline**	Civil Engineering		
Contract role(s) / brief description of responsibilities		Engineering Support & Drafting		

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).*
Mr. Alec Simonson has seven years of engineering experience and will provide Construction Administration support. He is proficient in various computer programs and has experience in document management for all project phases, creating and modifying drawings, and collaborating with engineers to ensure adherence to specifications and standards. He is a LADOTD certified Traffic Control Supervisor and Flagger.	
Experience dates: 05/22 – Present	**State Project No. H.014939** **Brown Avenue Multi Use Path, Jefferson Parish | Role: Project Engineer** **Project Engineer** for the design of a multi-use path on Brown Ave in Harvey, LA. For the Brown Avenue Multi Use Path, Mr. Simonson is currently working on design and drafting. His involvement includes path design, drafting of plan & profiles, and drafting of cross sections. He is also involved with the coordination between Jefferson Parish and DOTD. **Construction Cost: $1.1M (EST)**
Experience dates: 01/16 – 06/20	**State Project No. H.011835.6 | This project was located primarily in LA DOTD DISTRICT 62.** **LA 25 Washington Parish SW, Seg B and C, Washington Parish | Role: Project Engineer** Project Engineer for the Construction Inspection Services for the Washington Parish Sidewalk Project in Franklinton, Louisiana. The project consisted of 4,000 LF of 6' wide decorative concrete sidewalks along Cleveland Street, Main Street (LA 25), Ellis Street, Washington Street (LA 10), Pearl Street and Jackson Street. He assisted with Site Manager and performed payroll review in AASHTOware. **Construction Cost: $453K**
Experience dates: 03/19 – 05/20	**State Project No. H.012783 (CE&I)** **WB Veterans: Severn Ave – Clearview Pkwy, Jefferson Parish | Role: Assistant Project Engineer** Assistant Project Engineer for the Construction Engineering Services for Westbound Veterans Boulevard (Severn Avenue – Clearview Parkway) in Jefferson Parish which included pavement patching, superpave asphalt concrete, and combination curb and gutter. The work also included cold planing asphalt pavement, concrete walks, handicap curb raps, striping, loop detectors, guard rail, and new drainage structures. He assisted with Site Manager and performed payroll review in AASHTOware. **Construction Cost: $2.9M**
Experience dates: 05/17 – 06/19	**State Project No. H.00717** **Lapalco (Victory – Westwood), Jefferson Parish | Role: Assistant Project Engineer** **Assistant Project Engineer** for the **Construction Engineering Services** for the Lapalco (Victory – Westwood) project. The project included widening the four-lane section of Lapalco Boulevard from Victory Drive to Westwood Drive by adding a median. The work included clearing and grubbing, grading, drainage structures, milling, asphalt pavement, patching, class II base course, and related work. He **assisted with Site Manager** and performed payroll review in AASHTOware. **Construction Cost: $6.9M**
Experience dates: 08/15 – 05/18	**State Project No. H.007331** **Project Name & Locale: Pakenham Drive (LA 46 – LA 39), St. Bernard Parish | Role: Assistant Project Engineer** **Assistant Project Engineer** for the **Construction Engineering Services** for Pakenham Drive (LA 46 – LA 39) **road reconstruction** on Pakenham Drive, Jackson Boulevard, Courthouse Square, and Tyler Street. Work included constructing a **new** asphaltic concrete roadway with curb and gutter, sidewalks, and subsurface drainage. Work also included removing the existing roadway, and constructing traffic signals, sewer lines and water lines. He **assisted with Site Manager** and performed payroll review in AASHTOware. **Construction Cost: $5.3M**

16. STAFF EXPERIENCE

Firm employed by: THOMPSON ENGINEERING, INC., OF LOUISIANA* *THOMPSON ENGINEERING, INC. is a sister company to MEYER ENGINEERS, LTD.					
Name	Drew T. Davis, P.E., ENV SP		**Years of relevant experience with this employer**	1	
Title	Highway Design Practice Leader		**Years of relevant experience with other employer(s)**	19	
Degree(s) / Years / Specialization			B.S. (Auburn University) / 2003 / Civil Engineering		
Active registration number / state / expiration date			P.E. #0034415 / LA / 03-31-2025		
Year registered	2009	**Discipline**	Civil Engineering		
Contract role(s) / brief description of responsibilities			Project Engineer		

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 years of experience specified in the applicable MPR(s).*
	Before his engineering career **Mr. Drew T. Davis, P.E.** had experience in the construction industry where he assisted estimators with quantity calculations as well as field crews with survey, pile driving and general horizontal and vertical construction. This construction experience helped during his 20+ year career with his previous employer where his engineering career focused on roadway design while serving as Project Engineer, Project Manager, Principal-in-Charge, QA/QC Manager, Civil Section Leader, Roadway Design Service Line Manager, Alabama Design Manager and East Gulf Region Chief Engineer. His experience includes overseeing transportation infrastructure upgrades in Alabama, Mississippi, Georgia and Northwest Florida that included feasibility/corridor studies, roadway widenings, drainage design/upgrades, new alignment and interchange design. He reviewed contracts for compliance, managed multiple on-going projects simultaneously and attended project review meetings and public involvement meetings as projects required.
Experience dates: 01/21 – 09/23	**ALDOT, WEST ALABAMA HIGHWAY CORRIDOR ALTERNATIVE DEVELOPMENT, THOMASVILLE TO TUSCALOOSA, AL, 2023 COMPLETION DATE** Mr. Davis served as Principal-in-Charge/Project Manager for the West Alabama Corridor Alternative Development for ALDOT. The goal of the project was to develop a four-lane highway from Thomasville to Tuscaloosa along an existing two-lane route through multiple counties in Alabama. He conducted a route study in order to develop alternative routes so that a preferred alignment could be selected by ALDOT prior to corridor development for a suite of Design Build projects that would connect Thomasville to Tuscaloosa with a 2 to 4-lane widening over 85-miles. As part of the route study, he provided preliminary engineering and oversight of environmental screening studies and an alternatives analysis report.
Experience dates: 01/14 – 03/20	**ALDOT, I59/20 CBD BRIDGE REPLACEMENT, BIRMINGHAM, AL, 2020 COMPLETION DATE** Mr. Davis served as Project Manager for the I-59 / I-20 rehabilitation project for ALDOT. The project was constructed as four separate projects with two major phases. The first two projects were minor bridge replacement and widening projects. The third phase and first major portion of the project to let was identified as the I-65 Interchange Improvements. The fourth phase and second major portion of the project to let was identified as the I-59/20 CBD Bridge Replacement project. As part of all phases, there were 7 bridge replacements, 14 bridge widenings, 10 new bridges along new ramp accesses as well as retaining walls constructed. Access into and out of downtown Birmingham from the I-59/20 CBD Bridges previously consisted of left-hand on/off ramps which were eliminated, and more conventional right-hand ramps were provided. The I-59/20 CBD Bridge project encompassed twelve underpasses, all of which required lighting that blends with the high mast tower design through the corridor. The two larger phased projects were the largest projects to ever bid in ALDOT history.
Experience dates: 01/08 – 06/12	**ALDOT, MONTGOMERY OUTER LOOP, MONTGOMERY, AL, 2012 & 2016 COMPLETION DATES** Mr. Davis served as Project Engineer for the corridor study and preliminary design phase of the project, and Project Manager for the final design phase of the project which included the Montgomery Outer Loop/I-85 interchange in Montgomery, Alabama. The corridor study phase consisted of the completion of a corridor study for a 25-mile, 4 to 6 lane controlled-access bypass, including route interchanges with the existing US 90, I-85, I-65 within the Montgomery, Alabama metropolitan area. The purpose of the Montgomery Outer Loop Corridor Study was to determine the best location for the new roadway and to provide an unrestricted route for heavy freight and through traffic. The final design phase consisted of completion of final design plans from SR 110 (Vaughn Road) to I-85, including a fully directional interchange at I-85. Mr. Davis was responsible for geometric design, cost estimates and final plan preparation.

16. STAFF EXPERIENCE

Experience dates: 04/06 – 02/12	**ALDOT, BALDWIN BEACH EXPRESS (CR 83), BALDWIN COUNTY, AL, 2014 COMPLETION DATE** Mr. Davis served as Project Manager for extension of CR 83 from CR 32 to CR 64 in Baldwin County, Alabama. The project consisted of engineering services for the development of construction plans to expand CR 83 from a discontinuous two-lane highway into a four-lane roadway, from CR 32 to CR 64 for approximately 10 miles. Engineering services provided included roadway and bridge design, utility relocations, surveys, and the development of right-of-way maps for the project area. Mr. Davis managed the project's successful completion in a timely and cost-efficient manner, ensuring the appropriate resources were always provided. The project construction cost was $48.3M, completed in 2014 and won the Project of the Year from Mobile Area Council of Engineers (MACE) in 2017.
Experience dates: 02/07 – 01/12	**ALDOT, AIRPORT BOULEVARD, MOBILE, AL, 2012 COMPLETION DATE** Mr. Davis served as Project Engineer for improvements to Airport Boulevard from Flave Pierce Road to Snow Road in Mobile County for the Mobile County Commission. The project involved the widening of 1.7 miles of Airport Road from 3 lanes to 5 lanes and included a corridor study, environmental documentation, survey services, and the preparation of construction plans. Alignments studied included a left, right, and best-fit along the existing corridor/roadway. The alignment analysis was conducted based on horizontal and vertical geometrics, drainage, construction, and utility and ROW impacts. A preferred alignment was selected and carried forward to design after considering impacts and the public input. The drainage design included closed system with inlet spacing and closed system pipe analysis. Construction plans included horizontal and vertical alignments, drainage design, quantities, striping, traffic control plans, and erosion control plans. A public meeting and public hearing were conducted for the project. Mr. Davis was responsible for preliminary design services, horizontal and vertical geometry, plan preparation and assisting with public involvement and design hearings.
Experience dates: 08/03 – 06/06	**ALDOT, HUNTSVILLE SOUTHERN BYPASS, HUNTSVILLE, AL, PRELIMINARY DESIGN COMPLETE/NOT CONSTRUCTED** Mr. Davis served as Project Engineer for the corridor study, environmental impact statement, and preliminary design for the Southern Bypass in Huntsville, Alabama, for the Alabama Department of Transportation (ALDOT). Services included a corridor study and preparation of an Environmental Impact Statement (EIS) for a new 14-mile, limited-access, 4-lane facility that would encompass the area from Memorial Parkway near Hobbs Island to I-565 at Patton Road. The preliminary design services consisted of refining the alignment and project from the final EIS; detailed traffic analysis for determining lane requirements, mainline, ramps and cross streets; and setting right-of-way requirements. Various interchange types and configurations, with cost estimates, were developed, and evaluated prior to selecting 7 interchange configurations for which detailed preliminary roadway and bridge plans were developed. Alternate designs were developed for the 4-level, I-565 interchange. Preliminary bridge plans were also developed during this phase of the project. Mr. Davis was responsible for horizontal and vertical alignments, geometric design, cost estimates, preliminary plan preparation, and traffic analysis.
Experience dates: 08/04 – 10/08	**FDOT, SR 30 (US 98) AT SR 368 (23rd STREET), PANAMA CITY, FL, 2022 COMPLETION DATE** Mr. Davis served as Project Engineer for the feasibility study, PD&E study, and preliminary design for SR 30 (US 98) at SR 368 (23rd Street) in Panama City, Florida, for the Florida Department of Transportation (FDOT). The purpose of this project was to develop a plan that would reduce congestion by providing free-flow movements on US 98 over the Port of Panama City and Gulf Coast State College Intersection and the railroad. The project area is located in Panama City, Florida, just east of the Hathaway Bridge, and extends approximately 1.5 miles. The intersection is located in a congested area with a railroad crossing on SR 30 (approximately 65 feet to the east of the intersection) which delays traffic at several intervals during the day. The Gulf Coast State College is situated in the northwest quadrant of the intersection and is a traffic generator in the area. The Port of Panama City resides to the south of the intersection. The main entrances to the Port and College are located approximately 725 feet away from the US 98 and 23rd St. intersection. Mr. Davis provided quality control for the preliminary and final design plans.
Experience dates: 02/08 – 09/13	**MDOT, I-10/I-110 INTERCHANGE IMPROVEMENTS, D'IBERVILLE, MS, 2012 COMPLETION DATE** Mr. Davis served as Project Manager for upgrades to the I-10/I-110, Popps Ferry Road, D'Iberville Boulevard, and Lamey Bridge Road interchanges in Harrison County, Mississippi. The project consisted of upgrades to the I-10/I-110 Interchange in D'Iberville, Mississippi to improve safety and mobility for the traveling public and for future transportation needs due to growth in the area. The purpose of the project was to improve traffic movements and alleviate congestion between I-10 and I-110; as well as alleviate traffic congestion on Popps Ferry Road, D'Iberville Boulevard, and Lamey Bridge Road; and to improve access to and from I-110 to local connector distributor roads in D'Iberville. Mr. Davis oversaw preliminary design services, which included the identification of the required right-of-way to accommodate the improvements, and design of alternatives to be used throughout the completion of the Environmental Assessment (EA)/ Finding of No Significant Impact (FONSI). The preliminary design services included the development of design criteria and typical sections as well as reviewing the geotechnical investigation associated with the project. The project also included utility relocations and coordination and preliminary design services for mainlines, ramps, and side road improvements along the project corridor. Additional services coordinated by Mr. Davis included structural design, traffic control plans, cost estimates and participating in public involvement meetings. Mr. Davis was responsible for the management of civil project engineers and CADD technicians for the successful completion of the interchange improvements and managing timely and satisfactory submission of deliverables to the client.

16. STAFF EXPERIENCE

Firm employed by: THOMPSON ENGINEERING, INC., OF LOUISIANA* *THOMPSON ENGINEERING, INC. is a sister company to MEYER ENGINEERS, LTD.					
Name	Matthew C. Rogers, P.E.		**Years of relevant experience with this employer**	3	
Title	Civil Engineer		**Years of relevant experience with other employer(s)**	15	
Degree(s) / Years / Specialization			B.S. (University of Alabama) / 2005 / Civil Engineering		
Active registration number / state / expiration date			P.E. #0044622 / LA / 09-30-2026		
Year registered	2020	**Discipline**	Civil Engineering		
Contract role(s) / brief description of responsibilities			Project Engineer		

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 years of experience specified in the applicable MPR(s).*
	Mr. Matthew C. Rogers, P.E. is a Principal Civil Engineer and the Team Leader of our Municipal & Utility division. He has over 18 years of engineering experience including project management, civil design, cost estimating, and construction administration. He also holds a remote pilot certification from the Federal Aviation Administration (FAA). Prior to employment with Thompson Engineering, Mr. Rogers was the Vice President at Burk-Kleinpeter, Inc. (BKI) where he was responsible for the oversight and management of all projects and business development for BKI's Mobile, AL, Orange Beach, AL, and Ocean Springs, MS offices.
Experience dates: 04/21 – Present	**PW-2021-D-01 Bell Creek Road Roadway Improvements, Poarch Band of Creek Indians** Project Manager responsible for the design of a Grade, Drain, Base and Pave (GDBP) project near Atmore, Alabama. This project will improve approximately 3.5 miles of an existing dirt road with an improved base and asphalt pavement and will realign the roadway where it crosses Bell Creek. Design alternatives were provided to replace the existing timber bridge with a concrete bridge or a series of box culverts. The horizontal and vertical geometry was also improved in order to increase the design speed to 45 MPH.
Experience dates: 02/15 – 12/22	**MCR-2014-005 West Lake Road North, Mobile County Commission** Project Engineer for the design and construction of a Grade, Drain, Base and Pave (GDBP) project for Mobile County. This project included approximately 0.5 miles of a new roadway alignment to connect West Lake Road to Johnson Road South in West Mobile. The scope of work included preliminary and final design, drainage design, setting alignments, coordinating survey limits and right of way acquisition, coordinating utility relocation, and assisting with public involvement meetings. This project also included coordination with the U.S. Army Corps of Engineers for the installation of a new box culvert across an Unnamed Tributary to Turkey Creek.
Experience dates: 03/21 – 09/23	**MCR-2020-003 Silver Pine Road, Mobile County Commission** Project Manager for the design and construction of a full-depth resurfacing project in Semmes, Alabama. This project begins at the intersection with Schillinger Road and extends approximately 1 mile to the west. Project scope also includes drainage improvements and utility coordination.
Experience dates: 02/19 – Present	**(previous employer) MCR-2018-306 Bass Drive, Bream Drive, and Striped Drive, Mobile County Commission** Project Engineer for the design of a Grade, Drain, Base and Pave (GDBP) project for Mobile County. This project will improve three existing gravel roads near Fowl River Road in South Mobile County by providing new drainage, an improved base and asphalt pavement, as well as realigning the road for improved driving conditions. Scope of work included preliminary and final design, drainage design, and setting alignments.
Experience dates: 02/13 – 12/19	**(previous employer) MCR-2012-206, MCR-2014-205, & MCR-2016-206 Randolph Foster Road (Three Phases), Mobile County Commission** Project Engineer for the design and construction of a Grade, Drain, Base and Pave (GDBP) project for Mobile County. The project was broken into three phases and provided an existing dirt road with new drainage facilities, an improved base and asphalt pavement, and also realigned the roadway for improved driving conditions. The scope of work included preliminary and final design, drainage design, setting alignments, quantity take-off, coordinating utility relocation, public involvement meetings, bidding, and construction administration.
Experience dates: 01/16 – 04/20	**(previous employer) Little Flower Avenue Roadway Repairs, City of Mobile** Project Engineer for this project which consisted of the redesign of Little Flower Avenue from Holcombe Avenue to Airport Boulevard. The scope of construction included relocating existing utilities and replacing the existing storm sewer system. The existing concrete street will be replaced by a two-lane asphalt roadway while providing limited space for parallel parking. Other amenities include sidewalk along each side of the roadway as well as traffic tables which will be painted to double as cross walk locations between Little Flower Catholic School and Little Flower Catholic Church.

16. STAFF EXPERIENCE

Firm employed by: THOMPSON ENGINEERING, INC., OF LOUISIANA* *THOMPSON ENGINEERING, INC. is a sister company to MEYER ENGINEERS, LTD.			
Name	Adam C. Jackson, P.E.	**Years of relevant experience with this employer**	4
Title	Civil Engineer	**Years of relevant experience with other employer(s)**	7
Degree(s) / Years / Specialization		B.S. (Mississippi State University) / 2012 / Civil Engineering	
Active registration number / state / expiration date		P.E. #0045240 / LA / 09-30-2025	
Year registered	2021 **Discipline**	Civil Engineering	
Contract role(s) / brief description of responsibilities		Project Engineer	

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 years of experience specified in the applicable MPR(s).*
Mr. Adam C. Jackson, P.E. has more than a decade of civil engineering experience in municipal and private design & construction projects. His responsibilities include project management, civil design, cost estimating, construction administration & inspection, marketing, and maintaining client relations. He engages in all phases of project development, starting with funding application, design development, bidding, construction administration & inspection, and close out. His experience includes transportation design, drainage, infrastructure, industrial, marine, civil site, vertical construction, and construction inspection.	
Experience dates: 04/21 – Present	**PW-2021-D-01 BELL CREEK ROAD ROADWAY IMPROVEMENTS, POARCH BAND OF CREEK INDIANS** Project Engineer responsible for the design of a Grade, Drain, Base and Pave (GDBP) project near Atmore, Alabama. This project will improve approximately 3.5 miles of an existing dirt road with an improved base and asphalt pavement and will realign the roadway where it crosses Bell Creek. Design alternatives were provided to replace the existing timber bridge with a concrete bridge or a series of box culverts. The horizontal and vertical geometry was also improved in order to increase the design speed to 45 MPH.
Experience dates: 02/21 – 08/23	**MCR-2020-003 SILVER PINE ROAD, MOBILE COUNTY COMMISSION** Project Engineer for the design and construction of a full-depth resurfacing project in Semmes, Alabama. This project begins at the intersection with Schillinger Road and extends approximately 1 mile to the west. Project scope also includes drainage improvements and utility coordination.
Experience dates: 09/20 – 08/22	**MCR-2004-109(B) TRIUMPH ROAD, MOBILE COUNTY COMMISSION** Project Manager / Project Engineer for the design and construction of a Grade, Drain, Base and Pave (GDBP) project for Mobile County. This project included approximately 1600 feet of a new roadway alignment off of State Route 41 in Citronelle AL. The scope of work included preliminary and final design, drainage design, setting alignments, coordinating survey limits and right of way acquisition, identifying and addressing utility conflicts, and assisting with public involvement meetings.
Experience dates: 04/21 – Present	**SR 6 (BUCHANAN STREET) AND WEST MEMORIAL ROUNDABOUT DESIGN** Paulding County Department of Transportation - Paulding County, Georgia: Civil Engineer for the intersection improvements at Buchanan and West Memorial in Dallas Georgia. This project consists of preliminary & final engineering design plans to construct a new roundabout at the existing tee intersection. The roundabout will reduce conflict points allowing safer and smoother traffic flow. Project scope includes traffic engineering, survey, geotechnical engineering, environmental services, and design plan development.
Experience dates: 09/15 – 05/16	**Ocean Springs Road Feasibility Study for Enhancements – Jackson County Board of Supervisors - Civil Engineer** Project engineer responsible for traffic and circulation review, review of peak-period traffic operations, identification of typical sections and roadway improvement options. Also estimate of property impacts, utility relocations (as applicable), and construction estimates.
Experience dates: 02/18 – 10/18	**Feasibility Study for McCann Road Extension – Jackson County Board of Supervisors – Jackson County: Civil Engineer** Project engineer responsible for traffic and circulation review, review of peak-period traffic operations, identification of typical sections and roadway improvement options. Also, completed the line and grade study, conceptual bridge design, and estimate of property impacts, utility relocations, and construction estimates.
Experience dates: 12/15 – 11/19	**SP-0026-01(078) SR 19 Bridge Replacements – Mississippi Department of Transportation: Civil Engineer** This project consists of Phase A and Phase B roadway plans for the replacement of Bridges 52.0, 52.1, 52.3, 52.4, 52.5, and 57.6 on SR 19 in Neshoba County, Mississippi for the Mississippi Department of Transportation. This project will also realign the existing 2-lane roadway to allow for future expansion.
Experience dates: 03/18 – 02/20	**STP-0030-00(039) LPA/107508-701000 - Yellow Jacket Road Sidewalks – Jackson County Board of Supervisors – St. Martin Mississippi: Civil Engineer** Designer/Drafter for the new proposed sidewalks from the Jackson County Soccer Complex to the St. Martin North Elementary School. The scope of work includes preparing plans and specifications for constructing the new sidewalk and a precast concrete pedestrian bridge. Responsibilities include all design associated with the project following the Local Public Agency (LPA) Project Development Manual (PDM). This consisted of the design and coordination with Jackson County, the LPA, and MDOT for the Field Review, Office Review, & PS&E Assembly.

16. STAFF EXPERIENCE

FIRM EMPLOYED BY	SJB Group, L.L.C.		
NAME	Matthew Estopinal, PE, PLS	**YEARS OF EXPERIENCE WITH THIS FIRM**	3
TITLE	CEO/Principal-in-Charge	**YEARS OF EXPERIENCE WITH OTHER FIRMS**	25
DEGREE | YEAR | SPECIALIZATION	B.S. in Civil Engineering | 2009 | Louisiana State University B.S. in Microbiology | 1996 | Louisiana State University		

ACTIVE REGISTRATION Number | STATE | EXP. DATE	PE0039151 | Louisiana | 3/31/2025	Year registered	2014	Discipline	Professional Civil Engineer
ACTIVE REGISTRATION Number | STATE | EXP. DATE	PLS0004955 | Louisiana | 3/31/2025	Year registered	2006	Discipline	Professional Land Surveyor

Contract Role and Brief Description of Responsibilities	**Surveyor of Record.** Mr. Estopinal has 17 years of experience as a PLS in Louisiana managing transportation and community development related projects for private clients, MoveBR, and LA DOTD. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping.
Experience Dates	*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).*
4/23 – 9/23	**LA DOTD Project No. H.017322.5 – Morgan City Sidewalks & Shared Use Path, St. Mary Parish** *QA/QC*. Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Survey, and Subsurface Utility Engineering to assist in the installation of sidewalks, handicapped ramps, drainage structures, and other related work in Morgan City. The project limits included Everett Street from Front Street to 4th Street, 4th Street from Everett Street to Barrow Street, and Myrtle Street from Youngs Road to Auditorium Drive. In the performance of this contract the existing right-of-way of twenty streets, one state highway right-of-way, and an irregular railroad right-of-way was determined at two crossing locations. All surveying was performed to LADOTD Location & Survey Section requirements.
3/22 – 8/23	**LA DOTD Project No. H.012685.5 – LA 385: Ryan Street Intersection Improvements** *QA/QC*. This project included a Topographic Survey in Calcasieu Parish near the intersection of I-210 and LA 385 (Ryan Street) near the campus of McNeese State University. The survey included all utilities, drainage, and finish floor elevations of buildings that fell within the survey limits. The total linear distance was approximately 2.67 miles. LiDAR Data was gathered using a Velodyne Mobile Scanner and Ladybug. Terrestrial Surveying was performed using a Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover. Data was processed using OpenRoads Designer TopoDOT and InSuite MicroStation. All surveying was performed to LADOTD Location & Survey Section requirements.
7/21 – 8/23	**LA DOTD Project No. H.004100.5 – I-10: LA 415 to Essen on I-10 and I-12** *QA/QC*. This project included a Property Survey and extensive Right-of-Way Mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, for which a property map was created that encompassed the parcels affected by acquisition and accessibility. The project also included the creation of Base Right-of-Way Maps; Final Right-of-Way Map set of original matte films; drawing files; along with a pdf copy of the Full Title Research Report with affected parcel number and an ASCII parcel input file descriptions for approximately 125 parcels.
11/22 – 4/23	**City-Parish Project No. 20-CP-US-0099 – MoveBR – Airline Highway North (Florida Boulevard to I-110)** *QA/QC*. Sub to Huval and Associates. This project involved a Corridor LiDAR Survey and Quality Level "D" Subsurface Utility Engineering services on portions of northbound Airline Highway between Florida Boulevard and I-110 for the proposed improvements of the four-lane divided arterial to increase capacity and safety in the area as well as improve pedestrian movement through the corridor. Mobile LiDAR Data was gathered using a Trimble MX50, LadyBug, NovAtel Positioning, and Velodyne LiDAR. SUE data was collected using a combination of Ground-Penetrating Radar, air-assisted vacuum excavation, Electromagnetic Pipe and Cable locators, and other non-destructive detection equipment. All surveying was performed to LADOTD Location & Survey Section requirements, and all Subsurface Utility Engineering was completed to ASCE 38-02 standards.

16. STAFF EXPERIENCE

11/21 – 12-21	**Conway Development Topographic Survey** *Project Manager*. Sub to Novus Reb Engineering. This project involved a Topographic Survey of a tract in the Conway development and was limited to running cross-sections through the project 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. All surveying was performed to LADOTD Location & Survey Section requirements.
3/22 - Ongoing	**The Settlement on Shoe Creek – Phase 2 of 3** *QA/QC*. This project involved professional engineering and land surveying services for The Settlement on Shoe Creek for development phase 2 of 3, which covers approximately 225 residential lots. This included Topographic Surveys, preliminary plats, ALTA surveys, As-Built Surveys, LOMR-F preparation and submission, and final plats. Project control was established using a Leica HxGN SmartNet as an RTN. All surveying was performed according the rules and regulations set forth by the Louisiana Professional Engineering and Land Surveying Board.

16. STAFF EXPERIENCE

FIRM EMPLOYED BY	SJB Group, L.L.C.				
NAME	C. Tim Brewer, RF, PS, PLS, RPLS, RPP	YEARS OF EXPERIENCE WITH THIS FIRM	2.5		
TITLE	Vice President of Surveying	YEARS OF EXPERIENCE WITH OTHER FIRMS	28		
DEGREE | YEAR | SPECIALIZATION	B.S. in Forestry Management | 1988 | Mississippi State University				
ACTIVE REGISTRATION Number | STATE | EXP. DATE	PLS.0005009 | Louisiana | 9/30/2025	Year registered	2009	Discipline	Professional Land Surveyor
Contract Role and Brief Description of Responsibilities	Surveyor of Record. Mr. Brewer has over 30 years of survey experience and over 15 years of experience managing a wide variety of surveying projects for USACE, MDOT, LADOTD, MoveBR, MoveAscension, and private clients. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping. His responsibilities for this project include conducting topographic surveys and assistance in conducting boundary surveys and base and final right of way maps.				
Experience Dates	Experience and qualifications relevant to the proposed contract.				
4/23 – 9/23	**LA DOTD Project No. H.017322.5 – Morgan City Sidewalks & Shared Use Path, St. Mary Parish** *Surveyor of Record/Project Manager*. Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Survey, and Subsurface Utility Engineering to assist in the installation of sidewalks, handicapped ramps, drainage structures, and other related work in Morgan City. The project limits included Everett Street from Front Street to 4th Street, 4th Street from Everett Street to Barrow Street, and Myrtle Street from Youngs Road to Auditorium Drive. In the performance of this contract the existing right-of-way of twenty streets, one state highway right-of-way, and an irregular railroad right-of-way was determined at two crossing locations. All surveying was performed to LADOTD Location & Survey Section requirements.				
4/23 – 9/23	**LA DOTD Project No. H.017322.5 – Morgan City Sidewalks & Shared Use Path, St. Mary Parish** *Surveyor of Record/Project Manager*. Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Survey, and Subsurface Utility Engineering to assist in the installation of sidewalks, handicapped ramps, drainage structures, and other related work in Morgan City. The project limits included Everett Street from Front Street to 4th Street, 4th Street from Everett Street to Barrow Street, and Myrtle Street from Youngs Road to Auditorium Drive. In the performance of this contract the existing right-of-way of twenty streets, one state highway right-of-way, and an irregular railroad right-of-way was determined at two crossing locations.				
1/23-Current	**LA DOTD Project No. 4400022830 Americans with Disabilities Act (ADA) Transition Plan update** *Surveyor of Record*. Sub to Kimley Horn. This project included collection of LiDAR data and imagery for 50 linear miles of sidewalks along DOTD roadways. The data is for measurement of cross slope and running slope. Additional mileage of roadways is currently in negotiations.				
1/23 – 9/23	**STBG-0013-02(035)/108856-101100 – Mississippi State Route 28 Bridge over Copiah Creek** *Surveyor of Record/Contract Manager*. This project included a Topographic, Hydraulic, and Property Survey for a bridge replacement over Copiah Creek on State Route 28 in Copiah County, Mississippi. Project limits included approximately 3,000 feet of MS-28, including the Copiah Creek Bridge and cross-sections of Copiah Creek 1000 feet upstream and 1000 feet downstream from the bridge. The project will be delivered in OpenRoads Designer 2022.				
3/22 – Ongoing	**The Settlement on Shoe Creek – Phase 2 of 3** *Surveyor of Record/Project Manager*. This project involved professional engineering and land surveying services for The Settlement on Shoe Creek for development phase 2 of 3, which covers approximately 225 residential lots. This included Topographic Surveys, preliminary plats, ALTA surveys, As-Built Surveys, LOMR-F preparation and submission, and final plats. Project control was established using a Leica HxGN SmartNet as an RTN.				

16. STAFF EXPERIENCE

11/21 – 10/23	**LA DOTD Project No. H.004100 – I-10: LA 415 to Essen** *Surveyor of Record/Project Manager*. This project included a Property Survey and extensive Right-of-Way Mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, for which a property map was created that encompassed the parcels affected by acquisition and accessibility. The project also included the creation of Base Right-of-Way Maps; Final Right-of-Way Map set of original matte films; .pdf map set, MicroStation drawing files; along with a pdf copy of the Full Title Research Report with affected parcel number and an ASCII parcel input file descriptions for approximately 125 parcels.
11/21 – 2/22	**LA DOTD Project No. H.013715.5 – LA 77 Union Pacific Railroad Crossing (Iberville)** *Surveyor of Record/Project Manager*. This project consisted of Property Surveying, Right-of-Way Mapping and Topographic Surveying for a project that included the depiction of a railroad right-of-way, state-maintained highway, and city streets. The deliverables included preparation of a Property Map, Base Right-of-Way Maps, Final Right-of-Way Maps and the creation of a parcel input file for acquisition descriptions of the subject area. All surveying was performed to LADOTD Location & Survey Section requirements.
11/21 – 8/22	**LA DOTD Project No. H.002176.50 – LA 10 Bridges** *Surveyor of Record/Project Manager*. The LA 10 Bridges project in St. Landry Parish included Property Surveying and Right-of-Way Mapping for three sites. The property survey depicted the affected properties, the existing Right-of-Way for LA Hwy 10, and multiple state-claimed water bodies. The Property Survey was utilized for creating Base Right-of-Way maps, Final Right-of-Way Maps and ASCII parcel input files for acquisition parcels.
11/21 – 9/23	**LA DOTD Contract No. 4400017597 – Rural Bridge Replacement Initiative** *Surveyor of Record/Project Manager*. Sub to Burk-Kleinpeter. This project included a Topographic Survey, Right-of-Way Mapping, and roadway design performed for the proposed bridge replacements for LA DOTD Districts 03, 07, 61, and 62. Each site required a complete property map and the preparation of Right-of-Way Maps with supporting data for right-of-way acquisition. The Topographic Survey of the project limits of each bridge included a complete inventory for each drainage structure (type, size, length, and invert) and cross sections of all drainage ways.
11/21-Current	**Move Ascension Project No. 19-03 Joe Sevario at LA 933 Roundabout** *Surveyor of Record*. This project requires a Topographic Survey, preliminary and final roadway maps, Geotechnical Investigations, Right-of-Way Mapping, Drainage Design, and Subsurface Utility Engineering (SUE). A property survey and title takeoff are required for each parcel along the corridor for preparation of the Base and Final Right of Way Maps.
3/20-5/21	**Mississippi Department of Transportation (MDOT) Local Public Agency (LPA)-Old Highway 11 Improvements, Lamar County** *Surveyor of Record/Project Manager*. This project was for reconstruction and widening of a 2.3 mile section of roadway including a multi-use path. The deliverables included preparation of a overall acquisition map, individual parcel acquisition maps and property descriptions for sixty parcels.
11/21 – Ongoing	**LA DOTD Project No. H.012001 – LA 339 Canal and Creek Bridges** *Surveyor of Record/Project Manager*. This project in Vermilion Parish included Property Surveying and Right-of-Way Mapping for 3 sites along LA 339. SJB Group determined the existing right-of-way for LA 339 and multiple intersecting roadways. This information as well as the proposed right-of-way were utilized to prepare Base Right-of-Way Maps. Final Right-of-Way Maps and parcel input file descriptions for acquisition parcels that included multiple diversions roadways. All surveying was performed to LADOTD Location & Survey Section requirements.
1/19-11/21	**Hegwood Road & Lincoln Road Widening, Lamar County, Mississippi** *Surveyor of Record/Project Manager*. This project was for reconstruction and widening of a 2 mile section of roadway. The deliverables included preparation of a overall acquisition map, individual parcel acquisition maps and property descriptions for ninety parcels.

16. STAFF EXPERIENCE

FIRM EMPLOYED BY	SJB Group, L.L.C.			
NAME	Colby Mire, PLS		YEARS OF EXPERIENCE WITH THIS FIRM	10
TITLE	Assistant Survey Department Manager		YEARS OF EXPERIENCE WITH OTHER FIRMS	0
DEGREE | YEAR | SPECIALIZATION	B.S. in Construction Engineering Technology | 2015 | Southeastern Louisiana University			
ACTIVE REGISTRATION NUMBER | STATE | EXPIRATION DATE	P.L.S. #0005308 | Louisiana | 9/30/2025			
Year registered	2023	Discipline	Professional Land Surveyor	
Contract Role and Brief Description of Responsibilities	**Assistant Survey Department Manager.** Mr. Mire has more than 9 years of experience in land surveying. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping projects for LA DOTD, MDOT, MoveBR, MoveAscension, and private clients.			

Experience Dates	Experience and qualifications relevant to the proposed contract.
2/22 – Ongoing	**Parish of Ascension Project No. MA-19-03 – Joe Sevario Road @ LA 933 Roundabout** *Project Manager/Senior Technician.* This project involved a Topographic Survey, Preliminary Plans, Lighting Plans, Right-of-Way Mapping, Geotechnical Investigation, and all Quality Levels of Subsurface Utility Engineering for the design and implementation of a single-lane asphalt roundabout at the intersection of Joe Sevario Road and LA 933 in Gonzales, LA, to replace the existing stop-controlled intersection. A Leica TS16 Robotic Total Station and RTK were used. SUE data was collected using a combination of Ground-Penetrating Radar, air-assisted vacuum excavation, Electromagnetic Pipe and Cable locators, and other non-destructive detection equipment. All surveying was performed to LADOTD Location & Survey Section requirements, and all Subsurface Utility Engineering was completed to ASCE 38-02 standards.
3/21 – Ongoing	**City Parish No. 20-CP-HC-0046 – MOVEBR – Jefferson Highway at Bluebonnet Intersection Improvement** *Project Manager/Senior Technician.* Sub to Meyer Engineers. This project involved a Corridor Survey, Topographic Surveys, Property Surveys, Right-of-Way Mapping, Subsurface Utility Engineering, and the development of a map of existing drainage throughout the survey limits at the intersection of Jefferson Highway and Bluebonnet Boulevard. A Leica TS16 Robotic Total Station was used as well as a Leica GS18 T GNSS RTK Rover for both RTK and as a static base station. Data was processed using InRoads Suite MicroStation. SUE data was collected using a combination of Ground-Penetrating Radar, air-assisted vacuum excavation, Electromagnetic Pipe and Cable locators, and other non-destructive detection equipment.
4/23 – 9/23	**LA DOTD Project No. H.017322.5 – Morgan City Sidewalks & Shared Use Path, St. Mary Parish** *Assistant Survey Department Manager*. Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Survey, and Subsurface Utility Engineering to assist in the installation of sidewalks, handicapped ramps, drainage structures, and other related work in Morgan City. The project limits included Everett Street from Front Street to 4th Street, 4th Street from Everett Street to Barrow Street, and Myrtle Street from Youngs Road to Auditorium Drive. A Leica TS16 Robotic Total Station, a Leica GS18 T GNSS RTK Rover, and a GeoSLAM ZEB Horizon 3D were used. SUE data was collected using a combination of Ground-Penetrating Radar, air-assisted vacuum excavation, Electromagnetic Pipe and Cable locators, and other non-destructive detection equipment. All surveying was performed to LADOTD Location & Survey Section requirements, and all Subsurface Utility Engineering was completed to ASCE 38-02 standards.
7/21 – 9/23	**LA DOTD Project No. H.004100 – I-10: LA 415 to Essen** *Assistant Survey Department Manager.* This project included a Property Survey and extensive Right-of-Way Mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, which included parcel data for approximately 125 parcels. A Leica TS16 Robotic Total Station was used as well as a Leica GS18 T GNSS RTK Rover for RTK. SUE data was collected using a combination of Ground-Penetrating Radar and Electromagnetic Pipe and Cable locators. All surveying was performed to LADOTD Location & Survey Section requirements, and all Subsurface Utility Engineering was completed to ASCE 38-02 standards.

16. STAFF EXPERIENCE

1/23 – 9/23	**STBG-0013-02(035)/108856-101100 – Mississippi State Route 28 Bridge over Copiah Creek** *Assistant Survey Department Manager.* Topographic, Hydraulic, and Property Survey for a project in Copiah County, Mississippi. Project limits included approximately 3,000 feet of MS-28, including the Copiah Creek Bridge and cross-sections of Copiah Creek 1000 feet upstream and 1000 feet downstream from the bridge.
6/22 – 12/22	**LA DOTD Project No. H.013716 – US 167 – Camellia Boulevard-Churchill Drive** *Jr. Project Manager/Senior Technician.* Sub to Digital Engineering & Imaging, Inc. This project involved a Topographic Survey and Right-of-Way mapping of the Camellia Boulevard and Churchill Drive intersection area. All surveying was performed to LADOTD Location & Survey Section requirements.
8/20 – 3/22	**Rural Bridge Replacement Initiative - LA DOTD Contract No. 44-17597** *Junior Project Manager.* Sub to Burk-Kleinpeter. This project included a Topographic Survey, Right-of-Way Mapping, and roadway design performed for the proposed bridge replacements for LA DOTD Districts 03, 07, 61, and 62. Each site required a complete property map and the preparation of Right-of-Way Maps with supporting data for right-of-way acquisition. The Topographic Survey of the project limits of each bridge included a complete inventory for each drainage structure (type, size, length, and invert) and cross sections of all drainage ways. A Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover were used. All surveying was performed to LADOTD Location & Survey Section requirements.
7/21 – 2/22	**LA DOTD Project No. H.012851 – Union Pacific Railroad Corridor (Plaquemine)** *Jr. Project Manager/Senior Technician.* - This project included a Topographic Survey and Quality Level "D" and Quality Level "B" Subsurface Utility Engineering for this 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. A Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover were both used, the GS18 being used for both RTK and as a static base station. SUE data was collected using a combination of Ground-Penetrating Radar and Electromagnetic Pipe and Cable locators. All surveying was performed to LADOTD Location & Survey Section requirements, and all Subsurface Utility Engineering was completed to ASCE 38-02 standards.
4/21 – 6/21	**LA DOTD Project No. H.014322 – Centurion Avenue Over Drainage Bayou** | 4/21 – 6/21 *Project Manager/Senior Technician.* Sub to Monroe & Corie. This project included a full Topographic Survey to ensure proper design and drainage layout as well as Right-of-Way mapping in East Baton Rouge Parish for a bridge located on Centurion Avenue.

16. STAFF EXPERIENCE

FIRM EMPLOYED BY	SJB Group, L.L.C.				
NAME	Karen Kennedy, PE	YEARS OF EXPERIENCE WITH THIS FIRM	3		
TITLE	Vice President of Engineering	YEARS OF EXPERIENCE WITH OTHER FIRMS	28		
DEGREE | YEAR | SPECIALIZATION	B.S. in Civil Engineering | 1995 | Louisiana State University				
ACTIVE REGISTRATION Number | STATE | EXP. DATE	PE0028547 | Louisiana | 9/30/2025	Year registered	1999	Discipline	Professional Civil Engineer
Contract Role and Brief Description of Responsibilities	Subsurface Utility Engineer. Ms. Kennedy has twenty-four years of experience as a licensed civil engineer working in both the municipal and private sectors. Ms. Kennedy has completed infrastructure improvement, site development and subsurface utility engineering (SUE) projects for LA DOTD, MovEBR, and other local entities and private developers. She has a thorough knowledge of the Subsurface Utility Engineering CI/ASCE Standard 38-22. Her responsibilities for this project includes conducting subsurface utility engineering services and utility coordination.				

Experience Dates	Experience and qualifications relevant to the proposed contract.
10/23 - Present	**LA DOTD Project No. H.003931 Calcasieu River Bridge Public-Private Partnership Project** *Utility Coordinator*. SJB Group will provide Utility Coordination for the duration of the project. The I-10 Calcasieu River bridge project is the largest in the history of the LA DOTD and was one of the largest infrastructure contracts commissioned in North America in 2023. The existing bridge demolition and replacement will have a significant impact on existing utility facilities within the limits of the project which is a heavily congested industrial corridor. Utility coordination will be critical to facilitate construction of the improvements while keeping the project on time and within budget.
4/22 - Present	**LADOTD Project No. H.013797LA 30: EBR PL- I-10 –** *Engineer of Record* Sub to Michael Baker This project is a Stage 1 Environmental Assessment to continue the State 0 Feasibility Studies for the LA 30 Corridor. SJB coordinated with all utility companies for the acquisition of records which were utilized for preparation of the Quality Level D Subsurface Utility Plan Set. Because of the complexity of the pipelines in this heavily congested industrial corridor, the services provided also included a field investigation to determine the arrangement of the pipeline placement throughout the project limits.
10/22 – Present	**City-Parish Project No. 20-CP-US-0099 – MOVEBR Airline Highway, North (Florida Blvd to Interstate I-110)** *Engineer of Record.*. This project involves a Corridor LiDAR Survey and Quality Level C and D Subsurface Utility Engineering services on portions of northbound Airline Highway between Florida Boulevard and I-110 for the proposed improvements of the four-lane divided arterial to increase capacity and safety in the area as well as improve pedestrian movement through the corridor. There is a heavy congestion of utilities within these project limits and identification of utility owners and approximate locations is critical to the design of the project.
10/21 – Present	**City/Parish Project No. 20-CP-HC-0044 – MovEBR Widening of Lee Drive (Highland to Perkins)** *SUE Engineer*. This project involved ASCE 38-02 Quality Level C SUE services for all utilities within the project corridor as a sub-consultant. Prior to Quality Level C services, extensive Quality Level D records research was completed to aid in the subsequent SUE design. This investigation and the construction plans for the roadway are being utilized to prepare a utility conflict matrix and utility relocation allocation plans. Plan in hand meetings and utility coordination meetings with the City of Baton Rouge, MOVEBR Project Management Team, Arcadis and utility companies are required to properly prepare the allocation plans and ensure all utility conflicts have been resolved. Utility coordination will play a major role with the coordination of large transmission lines.
04/22 – 3/23	**City-Parish Project No. 20-CP-US-0100 – MOVEBR Airline Highway, South (Parish Line to Bluebonnet Blvd)** *SUE Engineer of Record*. SJB Group completed ASCE 38-02 Quality Level D services for the project. There is a heavy congestion of utilities within these project limits and identification of utility owners and approximate locations is critical to the preliminary design of the project.
1/22 – 6/22	**City Parish Project No. 21-DR-LA-0095 – Dawson Creek at Hundred Oaks and Broussard Bridges** *SUE Engineer of Record*. Sub to Forte & Tablada, Inc. This project involved subsurface utility engineering and utility surveying for the proposed Dawson Creek at Hundred Oaks and Broussard Bridges. This project required ASCE 38-02 Quality Level A and B SUE services for all utilities within the project limits. The accurate location of these facilities was critical for the ultimate design of the bridge infrastructure included in this project as existing utilities were within the footprint of the new bridge bents and pile locations.

16. STAFF EXPERIENCE

11/21 – 3/22	**Project No. 20-2057 – LA 30 Roundabouts Subsurface Utility Investigation (Tanger Mall and I-10)** *SUE Engineer of Record.* This project involved 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. This effort required detailed record research, field investigations and data management. 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.
8/21 – 2/22	**LA DOTD Project No. H.012851 – UP RR Corridor (Plaquemine)** *SUE Engineer of Record.* This project involved Quality Level B, C, and D subsurface utility engineering and utility surveying as well as a Topographic Survey 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. Anticipated utilities were water, gas, telephone, cable, and fiber optic. This was heavily congested corridor with limited existing utility records.
7/21 – Present	**City/Parish Project No. 20-CP-HC-0034 – MovEBR Jefferson at Corporate Intersection** *SUE Engineer of Record.* Sub to Buchart Horn. This project involved 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. Anticipated utilities were water, gas, telephone, cable, and fiber optic. Prior to Quality Level A and B services, extensive Quality Level D records research was completed to aid in the subsequent design.
9/14/2020-Current	**City Parish Project No. 20-EN-HC-026 S. Sherwood Forest Blvd. Sidewalks (Coursey Blvd. to I-12** *Engineer of Record/Project Manager* This project involved topographic survey and design of a new sidewalk facilities. The inclusion of utility records in the survey and construction drawing deliverable for the project was required. The design of the project included coordination to avoid, relocate or adjust utility features in conflict with the proposed design.
4/2018-07/2020	**Kimbleton Estates 3rd Filing** *Engineer of Record/Project Manager*. This project involved the civil site design of a single family residential neighborhood. Coordination of connection to existing utilities and assurance of the capacity to serve the development was required. Design of the subdivision also included accommodation of existing sewer utilities and servitudes traversing the site. Coordination with survey field crews and professional land surveyors to locate the existing utilities and servitudes on site for inclusion of these in the preliminary and final plats of the subdivision was completed.
1/2016-11/2018	**Heron Downtown** *Engineer of Record/Project Manager*. This project involved the civil site design of a proposed multistory multifamily residential complex. The building was constructed to the property line on all sides therefore location of existing utility infrastructure was critical. There were multiple utility conflicts that required relocation. Mrs. Kennedy coordinated with utilities and survey crews to identify locations of utilities in conflict with the proposed development. Upon identification of utility conflicts, Mrs. Kennedy coordinated efforts to relocate the conflicting utilities with developers and utility companies.
1998-2002	**Ascension Parish Capacity Improvement Projects** *Engineer of Record/Project Manager.* These projects included the widening of several roadways within Ascension Parish. The design included preliminary and final plans and clearing and grubbing plans. Right of Way acquisition and utility relocations were required to accommodate the newly designed roadways. As these roadways were typically narrow roads with limited right of ways, the proposed corridors impacted every utility along the roadways. Mrs. Kennedy provided utility coordination with the Parish of Ascension and utility companies as was necessary for the relocations and completion of these projects.

16. STAFF EXPERIENCE

FIRM EMPLOYED BY	SJB Group, L.L.C.				
NAME	Austin LaCombe, PE		YEARS OF EXPERIENCE WITH THIS FIRM	2	
TITLE	Subsurface Utility Engineering Department Manager		YEARS OF EXPERIENCE WITH OTHER FIRMS	6	
DEGREE | YEAR | SPECIALIZATION	B.S. in Civil Engineering | 2017 | Louisiana State University A.S. in Pre-Engineering | 2015 | Baton Rouge Community College				
ACTIVE REGISTRATION NUMBER | STATE | EXPIRATION DATE	PE.0047563 | Louisiana | 9/30/2025				
Year registered	2023	Discipline	Professional Engineer		
Contract Role and Brief Description of Responsibilities	**SUE Department Manager.** Mr. LaCombe manages Subsurface Utility Engineering (SUE) projects for SJB Group. He is tasked with managing day to day operations of SUE field crews to include project research, preparation of field packages, supporting field efforts, organization and processing of field data, client coordination, and preparation/QA/QC of project deliverables. Mr. LaCombe has significant experience working on a variety of projects with diverse timelines. He is also responsible for ensuring that all safety guidelines and policies are followed and acts as a branch liaison to the corporate safety director. Mr. LaCombe is also proficient in a variety of software including: Bentley InRoads, OpenRoads, MicroStation, TopoDOT, AutoCAD Civil 3D, and Leica Cyclone.				

Experience Dates	Experience and qualifications relevant to the proposed contract.
10/23 - Present	**LA DOTD Project No. H.003931 Calcasieu River Bridge Public-Private Partnership Project** *SUE Department Manager* SJB Group will provide Utility Coordination for the duration of the project. The I-10 Calcasieu River bridge project is the largest in the history of the LA DOTD and was one of the largest infrastructure contracts commissioned in North America in 2023. The existing bridge demolition and replacement will have a significant impact on existing utility facilities within the limits of the project which is a heavily congested industrial corridor. Utility coordination will be critical to facilitate construction of the improvements while keeping the project on time and within budget.
11/22 – 7/23	**LSU Science Zone** *SUE Department Manager/Project Manager*. Sub to Infinity. This project involved Topographic Survey, Quality Level "B", and Quality Level "A" Subsurface Utility Engineering in preparation for the installation of a specialty underground chilled water system piping for the Science Zone of Louisiana State University's Baton Rouge Campus. A Leica TS16 Robotic Total Station, Leica GS18 T GNSS RTK Rover for both RTN and RTK, and a GeoSLAM ZEB Horizon were used. SUE data was collected using a combination of Ground-Penetrating Radar, air-assisted vacuum excavation, Electromagnetic Pipe and Cable locators, and other non-destructive detection equipment.
11/22 – Present	**City Parish Project No. 20-CP-US-0099 – MoveBR – Airline Highway North (Florida Boulevard to I-110)** *Project Manager*. Sub to Huval and Associates. This project involves a Corridor LiDAR Survey and Quality Level C and D Subsurface Utility Engineering services on portions of northbound Airline Highway between Florida Boulevard and I-110 for the proposed improvements of the four-lane divided arterial to increase capacity and safety in the area as well as improve pedestrian movement through the corridor. There is a heavy congestion of utilities within these project limits and identification of utility owners and approximate locations is critical to the design of the project.
5/22 – Present	**City-Parish Project No. 20-CP-US-0100 – MoveBR SUE for Airline Highway South** *Project Manager*. Sub to Stantec. SJB Group completed ASCE 38-02 Quality Level D services for the project. There is a heavy congestion of utilities within these project limits and identification of utility owners and approximate locations is critical to the preliminary design of the project.
7/22 – Present	**LA DOTD Project No. H.013797 – LA 30: EBR PL I-10** *Project Manager* Sub to Michael Baker. This project is a Stage 1 Environmental Assessment to continue the State 0 Feasibility Studies for the LA 30 Corridor. SJB coordinated with all utility companies for the acquisition of records which were utilized for preparation of the Quality Level D Subsurface Utility Plan Set. Because of the complexity of the pipelines in this heavily congested industrial corridor, the services provided also included a field investigation to determine the arrangement of the pipeline placement throughout the project limits.

16. STAFF EXPERIENCE

3/22 – 8/22	**D Vickers Hall Renovations and Addition** Sub to Holly & Smith Architects. This project involved ASCE 38-02 Quality Level "A" and Quality Level "B" Subsurface Utility Engineering services for all utilities for the proposed D. Vickers Hall Expansion at Southeastern Louisiana University. Locations of the existing utilities are required to determine conflicts with the proposed expansion of D. Vickers Hall, new parking lot, and pedestrian path. Anticipated utilities were water, gas, telephone, cable, and fiber optic. Prior to Quality Level "A" and B services, extensive Quality Level "D" records research was completed to aid in the subsequent SUE design.
11/21 – 3/22	**Project No. 20-2057 – LA 30 Roundabouts Subsurface Utility Investigation (Tanger Mall and I-10)** *SUE Engineer*. Sub to Meyers Engineers. This project involved ASCE 38-02 Quality Level "A" Subsurface Utility Engineering and utility surveying to identify utility conflicts for all utilities owned by the City of Gonzales at the proposed LA 30 Roundabouts near 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. This effort required detailed record research, field investigations, and data management. The accurate location of these utilities was critical to alleviate disruptions to utility services as well as prevent conflicts and delays to the construction of the project in this heavily congested area.
10/21 – 2/22	**LA DOTD Project No. H.009266.5 – I-10: LA 73 - LA30** *Project Manager*. LA DOTD was preparing plans to widen I-10 from 4 to 6 lanes from LA 73 to LA 30. This project involved Quality Level B SUE services at the LA73/I-10 interchange as well as Quality Level D services for the remainder of the project limits. The accurate location of these utilities was critical to allow for the proper design of the project.
1/20 – 11/20	**LA DOTD Project No. H.002868.5 – I-49 South, Ambassador Caffery & US 90 Interchange** *Project Manager/QA/QC*. This project involved providing designating (Quality Level B) and locating (Quality Level A) SUE services to map the underground utilities within the project limits. In this congested corridor, the first task required mapping subsurface utilities along several mile of the Ambassador Caffery and US 90 right-of-way. After the completion of the Quality Level B investigation, this information was compiled and reviewed to conduct Quality Level A services on critical utilities in an effort to further aid in the design process.
7/21 – 10/23	**LA DOTD Project No. H.004100.5 – I-10: LA 415 to Essen Lane on I-10 and I-12** *Project Manager / QA/QC*. This project consisted of Boundary Surveying, Subsurface Utility Engineering, Property Survey, and Right-of-Way Mapping. The deliverables included preparation of property maps, a control sketch, right-of-way mapsets, and the creation of a .IN file. of the subject area that contained recreation of the railroad right-of-way. All surveying was performed to LADOTD Location & Survey Section requirements, and all Subsurface Utility Engineering was completed to ASCE 38-02 standards.
10/16 – 8/17	**LA DOTD Project No. H.010560.5 – Essen Lane Widening (Route LA 3064), Perkins Road to I-10b** *Assistant Project Manager*. This project involved designating (Quality Level B) and locating (Quality Level A) SUE services to map the underground utilities within the project limits. This corridor is one of the most congested roads in Baton Rouge with utilities servicing business and medical facilities. All utilities inventoried were useful in helping the designer to fully understand the available space for the new construction and the impacts. Utility coordination services were provided to identify and resolve utility/design conflicts. Utility coordination was complicated due to the need to minimize right-of-way acquisition.
7/15 – 12/21	**LA DOTD Project No. H.004273.5 – I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange)** *Project Manager/QA/QC*. This project involved ASCE 38-02 Quality Level A and B services to map the underground utilities within the project limits spanning 7 miles of downtown Lafayette. Prior to Quality Level B activities, an extensive Quality Level D records-based map was created to aid in the preliminary design. This effort required multiple field leaders, detailed field data management, and constant oversight. After compiling the Quality Level B map, Quality Level A portion of the project was started in an effort to establish elevations on critical utility systems as well as unknown utilities 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 in combination with the Utility Coordination to keep utility owners aware of the mapping progress.

16. STAFF EXPERIENCE

FIRM EMPLOYED BY	SJB Group, L.L.C.				
NAME	Marshall Pounds		YEARS OF EXPERIENCE WITH THIS FIRM	0.5	
TITLE	Utility Coordinator		YEARS OF EXPERIENCE WITH OTHER FIRMS	25	
DEGREE | YEAR | SPECIALIZATION	N/A				
ACTIVE REGISTRATION NUMBER | STATE | EXPIRATION DATE	N/A				
Year registered	N/A	Discipline	N/A		
Contract Role and Brief Description of Responsibilities	**Utility Coordinator Specialist.** He has over 25 years in the utility locating and construction industry. Mr. Pounds is a utility research specialist with a vast database of utility providers and contacts. He is tasked with records research, supporting field efforts, organization and processing of field data, client coordination, and preparation of project deliverables. He has a thorough knowledge of the Subsurface Utility Engineering CI/ASCE Standard 38-22 Standard Guideline for Investigating and Documenting Existing Utilities.				

Experience Dates	Experience and qualifications relevant to the proposed contract.
10/23 - Present	**LA DOTD Project No. H.003931 Calcasieu River Bridge Public-Private Partnership Project** *Utility Coordination* SJB Group will provide Utility Coordination for the duration of the project. The I-10 Calcasieu River bridge project is the largest in the history of the LA DOTD and was one of the largest infrastructure contracts commissioned in North America in 2023. The existing bridge demolition and replacement will have a significant impact on existing utility facilities within the limits of the project which is a heavily congested industrial corridor. Utility coordination will be critical to facilitate construction of the improvements while keeping the project on time and within budget.
5/21-10/21	**LADOTD H.003931.5, Calcasieu River Bridge (HBI)** *Utility Coordination.* This project provided Quality Level B and Quality Level A SUE services as well as Utility Coordination during Design for this project along I-10 in Lake Charles, Louisiana. Utilities included water, gas, telephone, electric, cable, and fiber optic. Topographic survey, geophysical investigation and the utility records were used to complete the drawings prepared in accordance with ASCE 38-02 standards. Engineering judgement was used to correlate records and above ground surveyed features.
12/23-Present	**City/Parish Project No. 20-CP-HC-0034 – MovEBR Jefferson at Corporate Intersection** *Utility Coordination* Sub to Buchart Horn. This project involved 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. Utilities included water, gas, telephone, electric, cable, and fiber optic. Topographic survey, geophysical investigation and the utility records were used to complete the drawings prepared in accordance with ASCE 38-02 standards.
10/23-Present	**MA-22-04 LA 73 at Cornerview Roundabout** *Utility Coordination* This project included a Property Survey, Topographic Survey, Right-of-Way Mapping, Quality Level "B" Subsurface Utility Engineering, Drainage Design, Quality Level "A" Subsurface Utility Engineering, Geotechnical Investigation, Roundabout Report, Preliminary and Final Design Plans for a proposed roundabout at the intersection. . Utilities included water, gas, telephone, electric, cable, and fiber optic. Topographic survey, geophysical investigation and the utility records were used to complete the drawings prepared in accordance with ASCE 38-02 standards. Engineering judgement was used to correlate records and above ground surveyed features.
10/23-Present	**MA-23-06 LA 73 at LA 74 Roundabout** *Utility Coordination* Sub to Volkert. This project included a Property Survey, Topographic Survey, Right-of-Way Mapping, Quality Level "B" Subsurface Utility Engineering, and Quality Level "A" Subsurface Utility Engineering, for a proposed roundabout at the intersection. Utilities included water, gas, telephone, electric, cable, and fiber optic. Topographic survey, geophysical investigation and the utility records were used to complete the drawings prepared in accordance with ASCE 38-02 standards. Engineering judgement was used to correlate records and above ground surveyed features.

16. STAFF EXPERIENCE

FIRM EMPLOYED BY	SJB Group, L.L.C.				
NAME	Elvis Nguyen		YEARS OF EXPERIENCE WITH THIS FIRM	6.5	
TITLE	Field Crew Coordinator		YEARS OF EXPERIENCE WITH OTHER FIRMS	20	
DEGREE | YEAR | SPECIALIZATION	N/A				
ACTIVE REGISTRATION NUMBER | STATE | EXPIRATION DATE	N/A				
Year registered	N/A	Discipline	N/A		

Contract Role and Brief Description of Responsibilities	**Party Chief.** Mr. Nguyen has more than 26 years of experience as a survey party chief. He has performed and led 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 knowledgeable with several Leica geosystems such as the ScanStation C10 3D Laser Scanner, TS16 Robotic Total Station, GS18 GNSS RTK Rover, and the Viva GS16 GNSS rover. Additionally, he is knowledgeable with the AutoDesk Suite, Leica Infinity, Quick Terrain Modeler, GeoConnect, FARO Scene 3D, and Global Mapper. His responsibilities coordinating field crews, equipment maintenance, fleet maintenance and coordination, processing field data, and stepping in as Party Chief as needed for field work.
Experience Dates	Experience and qualifications relevant to the proposed contract.
6/23 – Ongoing	**Belle of Baton Rouge Renovations** *Field Crew Coordinator/Party Chief.* Sub to NORR. This project involved a Property Survey, Topographic Survey and a Right-of-Way Survey for renovations to the Belle of Baton Rouge. The survey was performed for traffic signal design engineering along St. James Street at Government Street and France Street. The project required right-of-way determination of right-of-way of the subject streets and a topographic survey of the surrounding area that included the collection of data of surface and sub-surface utility facilities. Mr. Nguyen's responsibilities for the project includes coordinating field crews, processing field data, and creating a base map for the project, along with providing support as Party Chief as needed for additional tasks.
4/23 – Ongoing	**City-Parish Project No. 21-DR-US-0038 – EBRP Flood Risk Reduction Project for Beaver and Blackwater Channel Improvements** *Field Crew Coordinator/Party Chief.* This project included Boundary Surveying, Right-of-Way Mapping, Topographic Surveying, Title Review, and Subsurface Utility Engineering for approximately 25 miles of proposed channel improvements. The project is being performed according to the LADOTD Location and Survey Manual. Property surveys were performed for parcels along the corridor of each waterway for the creation of a property map with coordinates of all recovered monuments to be provided in ASCII format. Base Right-of-Way Maps, Final Right-of-Way Maps, along with a parcel input file for the creation of acquisition parcel descriptions. Additionally, detailed Topographic Surveys are performed at all bridge crossings along the channels, including existing utility locations.
7/21 – 10/23	**LA DOTD Project No. H.004100 – I-10: LA 415 to Essen** *Party Chief.* This project included a Property Survey and extensive Right-of-Way Mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, for which a property map was created that encompassed the parcels affected by acquisition and accessibility. The project also included the creation of Base Right-of-Way Maps; Final Right-of-Way Map set of original matte films; .pdf map set, MicroStation drawing files; along with a pdf copy of the Full Title Research Report with affected parcel number and an ASCII parcel input file descriptions for approximately 125 parcels.
4/23 – 9/23	**LA DOTD Project No. H.017322.5 – Morgan City Sidewalks & Shared Use Path, St. Mary Parish** *Field Crew Coordinator/Party Chief.* Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Survey, and Subsurface Utility Engineering to assist in the installation of sidewalks, handicapped ramps, drainage structures, and other related work in Morgan City. The project limits included Everett Street from Front Street to 4th Street, 4th Street from Everett Street to Barrow Street, and Myrtle Street from Youngs Road to Auditorium Drive. In the performance of this contract the existing right-of-way of twenty streets, one state highway right-of-way, and an irregular railroad right-of-way was determined at two crossing locations. All surveying was performed to LADOTD Location & Survey Section requirements.

16. STAFF EXPERIENCE

1/23 – 9/23	**STBG-0013-02(035)/108856-101100 – Mississippi State Route 28 Bridge over Copiah Creek** *Field Crew Coordinator/Party Chief.* This project included a Topographic, Hydraulic, and Property Survey for a bridge replacement over Copiah Creek on State Route 28 in Copiah County, Mississippi. Project limits included approximately 3,000 feet of MS-28, including the Copiah Creek Bridge and cross-sections of Copiah Creek 1000 feet upstream and 1000 feet downstream from the bridge. The project will be delivered in OpenRoads Designer 2022.
8/20 – 9/23	**LA DOTD Contract No. 4400017597 – Rural Bridge Replacement Initiative** *Party Chief.* Sub to Burk-Kleinpeter. This project included a Topographic Survey, Right-of-Way Mapping, and roadway design performed for the proposed bridge replacements for LA DOTD Districts 03, 07, 61, and 62. Each site required a complete property map and the preparation of Right-of-Way Maps with supporting data for right-of-way acquisition. The Topographic Survey of the project limits of each bridge included a complete inventory for each drainage structure (type, size, length, and invert) and cross sections of all drainage ways. A Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover were used. All surveying was performed to LADOTD Location & Survey Section requirements.
6/22 – 12/22	**LA DOTD Project No. H.013716 – US 167 – Camellia Boulevard-Churchill Drive** *Party Chief.* Sub to Digital Engineering & Imaging, Inc. This project involved a Topographic Survey and Right-of-Way mapping of the Camellia Boulevard and Churchill Drive intersection area. All surveying was performed to LADOTD Location & Survey Section requirements.
7/21 – 2/22	**LA DOTD Project No. H.013715.5 – LA 77 Union Pacific Railroad Crossing (Iberville)** *Party Chief.* This project consisted of Property Surveying, Right-of-Way Mapping and Topographic Surveying for a project that included the depiction of a railroad right-of-way, state maintained highway, and city streets. The deliverables included preparation of a Property Map, Base Right-of-Way Maps, Final Right-of-Way Maps and the creation of a parcel input file for acquisition descriptions of the subject area. All surveying was performed to LADOTD Location & Survey Section requirements.

16. STAFF EXPERIENCE

Firm employed by: APS Engineering and Testing, LLC			
Name	Sergio Aviles, P.E., M.A. S.C.E.	**Years of relevant experience with this employer**	12
Title	President	**Years of relevant experience with other employer(s)**	10
Degree(s) / Years / Specialization		B.S., Civil Engineering / 2001 / Geotechnical	
Active registration number / state / expiration date		PE. 0033571 / LA / 03-31-2026	
Year registered	2007	**Discipline**	Civil Engineer
Contract role(s) / brief description of responsibilities		Project Manager / Design Guidance / Field Crew and Lab Management	

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).*
	Mr. Aviles has over 20 years of experience in geotechnical and civil engineering. After founding APS Engineering and Testing eleven years ago, he continued his work throughout Louisiana working with both government and private entities. Mr. Aviles has extensive experience in design and construction supervision of roadway projects in the state. He has frequently worked with LADOTD performing slope stability analysis, embankment settlement calculations, mechanically stabilized earthen wall design, sheet pile design and pile testing. Mr. Aviles is also proficient in the use of AutoCAD Civil 3D which he utilizes in the design of projects.
09/21-05/24	**Port Hudson-Pride Road (LA-964 – LA-19)-** Scope included geotechnical investigation to enable an evaluation of an acceptable foundation for the proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Aviles was the manager to Geotechnical Investigation.
11/19-12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85-** APS was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Aviles was the Project Manager for the Project Design team.
09/19-05/23	**Project No. H.004100: I-10 Widening LA 415 to Essen LN-** APS was tasked through their DOTD Geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU Lakes. APS drilled a total of eight (8) over the waterborings and 44 land borings. Along with this drilling and sampling, A P S tested for strength and engineering characteristics of the soils with approximately 1000 Triaxial Compressions, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Mr. Aviles was the Project Manager to the Geotechnical Investigations.
03/21-11/22	**Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.)-** Scope of this project included subsurface exploration of conditions at the site to enable an evaluation of an acceptable foundation for the proposed pavement and the new bridge. Mr. Aviles was the project manager to the Geotechnical Investigations.
10/12-07/13	**Lakeview Street Reconstruction, New Orleans-** Scope of this project included subsurface investigation and geotechnical recommendations for the street improvement program encompassing numerous blocks of roadway. A P S drilled and sampled a total of 292 borings throughout the Lakeview neighborhood. Mr. Aviles was the Project Manager for all Geotechnical services.
05/16-10/17	**Project No. H.002861: Earhart Expy/Causeway Interchange, New Orleans-** Scope included geotechnical investigation, design and reporting for the proposed bridge. A P S drilled and sampled 49 deep borings. Geotechnical analysis included deep and shallow foundation recommendations, settlement analysis, roadway design, sheet-pile design and LRFD design factor for the existing structure. Mr. Aviles was an Engineer on the Project Design Team.
11/19-06/22	**Project No. H. H.001352 and H.002273: Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge LA-67 and LA- 19**- A P S was selected with the winning team for the Design of the Diversion CMAR project. A P S performed the Geotechnical Design for the project. Mr. Aviles served as the Project Manager for the Project Design team.

16. STAFF EXPERIENCE

08/16-10/19	**Project No. H.012422: I-110 Interchange Modification at Terrace Ave**- A P S was tasked thru our DOTD Geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave Exit. A P S tested for strength and engineering characteristics of the soils with approximately 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits performed by A P S Laboratory. Mr. Aviles was the Project Manager to the Geotechnical Investigations
03/19-05/19	**Project No. H.001344: US 190 over Bogue Falaya River-** A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for foundation recommendations. Mr. Aviles was the Project Manager for the Project Design Team.
05/18-03/19	**Project No. H.011670: I-10 Loyola Interchange Improvements-** The scope of this project included subsurface investigation to provide the client with necessary information for the planning and design of a new interchange to connect to the new airport terminal. Mr. Aviles was the Project Manager to the Geotechnical Investigations.
03/01 – 05/05	The following list consists of projects that Mr. Aviles did the design or assisted on the design while at LADOTD. These projects include pile design, slope stability, settlement analysis, and construction services (PDA, CAPWAP, and WEAP). **ONSYSTEM PROJECT LIST**: Mr. Aviles served as the staff geotechnical engineer while at the Pavement and Geotechnical Section for the following projects below. Projects include Embank Design, Pile Design, Drilled Shaft Design, MSE Wall Design, and Construction Supervision. Major project costs estimated over one million dollars: 015-04-0037 LA524-LA123 Route US165, 015-05-0035 LaSalle, 015-07-0044 (Route 165 Cadwell, 276-03-0016 Tangipahoa River Bridge, 3132 01-0029, 362-01-0009 Rat Bois, 452-01-0039 I-55 CrossOvers, 742-07- 0098 Susek Drive, Bayou Perrie and Sand Beach Bayou 103-01-0025, Broadway Ave.700-40-0127, Cameron Route La. 27 193-02-0042, Causeway Boulevard interchange Route I-10 450-15-0098,Clayton-Greenville 026-03-0025, Crescent City Connection 283-08-0143(46), Cross Bayou Bridge 090-01-0020, Flannery at Florida 742-17-0008.Innerloop 427

16. STAFF EXPERIENCE

Firm employed by: APS Engineering and Testing, LLC			
Name	Sairam (Sai) Eddanapudi, M.E., P.E.	**Years of relevant experience with this employer**	12
Title	Chief Engineer	**Years of relevant experience with other employer(s)**	9
Degree(s) / Years / Specialization		ME/ 2002/ Civil Engineering BE/ 1999/ Civil Engineering	
Active registration number / state / expiration date		PE. 0035129/ LA / 03-31-2026	
Year registered	2009 **Discipline**	Civil	
Contract role(s) / brief description of responsibilities		Design Engineer/Laboratory QA Manager	

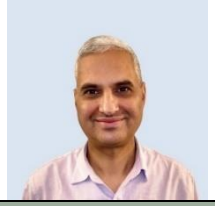
Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc.* *Experience dates should cover the time specified in the applicable MPR(s).*
	Mr. Sairam (Sai) Eddanapudi is the Senior Geotechnical Engineer for APS Engineering and Testing. He has over 20 years of experience in the geotechnical and civil engineering fields. Mr. Sai's professional experience consists of the design of roadways, bridges, levees and T-walls as well as the design of shallow and deep foundations. His field experience includes QC inspection of auger cast piles, drill shafts, soil and concrete. Mr. Sai has experience with the following software: Slope/w (2004 and 2007 versions) for slope stability analyses, Seep/w for seepage analysis, Driven 1.2 (for driven piles), MicroStation V8, CWALSHT and FS004 for slope stability analyses, Swell Potential (for expansive soils), Drilled Shaft Design software, Auger cast pile design Analysis, AASHTO pavement, Slope analysis, and Differential Settlement Analysis.
09/21-05/24	**Port Hudson-Pride Road (LA-964 – LA-19)-** Scope included geotechnical investigation to enable an evaluation of an acceptable foundation for the proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Sai was the Chief Engineer to Geotechnical Investigation.
11/19-12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85-** APS was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Sai was Chief Engineer for the Project Design team.
09/19-05/23	**Project No. H.004100: I-10 Widening LA 415 to Essen LN-** APS was tasked through their DOTD Geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU Lakes. A P S drilled a total of eight (8) over the water borings and 44 land borings. Along with this drilling and sampling, A P S tested for strength and engineering characteristics of the soils with approximately 1000 Triaxial Compressions, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Mr. Sai was the project QA to the Geotechnical Investigations.
03/21-11/22	**Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.)-** Scope of this project included subsurface exploration of conditions at the site to enable an evaluation of an acceptable foundation for the proposed pavement and the new bridge. Mr. Sai was the project QA to the Geotechnical Investigations.
10/12-07/13	**Lakeview Street Reconstruction, New Orleans-** Scope of this project included subsurface investigation and geotechnical recommendations for the street improvement program encompassing numerous blocks of roadway. A P S drilled and sampled a total of 292 borings throughout the Lakeview neighborhood. Mr. Sai was an Engineer to the Geotechnical Investigation.
05/16-10/17	**Project No. H.002861: Earhart Expy/Causeway Interchange, New Orleans-** Scope included geotechnical investigation, design and reporting for the proposed bridge. A P S drilled and sampled 49 deep borings. Geotechnical analysis included deep and shallow foundation recommendations, settlement analysis, roadway design, sheet-pile design and LRFD design factor for the existing structure. Mr. Sai was the Project Manger to the Geotechnical Investigation.
11/19-06/22	**Project No. H. H.001352 and H.002273: Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge LA-67 and LA- 19**- A P S was selected with the winning team for the Design of the Diversion CMAR project. A P S performed the Geotechnical Design for the project. Mr. Sai was the Senior Design Engineer for the Project Design team.

16. STAFF EXPERIENCE

08/16-10/19	**Project No. H.012422: I-110 Interchange Modification at Terrace Ave**- A P S was tasked thru our DOTD Geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave Exit. A P S tested for strength and engineering characteristics of the soils with approximately 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits performed by A P S Laboratory. Mr. Sai was the QA to the Geotechnical Investigation.
03/19-05/19	**Project No. H.001344: US 190 over Bogue Falaya River-** A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Mr. Sai was Senior Design Engineer for the Project Design team.
05/18-03/19	**Project No. H.011670: I-10 Loyola Interchange Improvements-** The scope of this project included subsurface investigation to provide the client with necessary information for the planning and design of a new interchange to connect to the new airport terminal. Mr. Sai was an engineer to the Geotechnical Investigations.

16. STAFF EXPERIENCE

Firm employed by: APS ENGINEERING AND TESTING, LLC			
Name	Surendra Pathak, M.S, P.E.	**Years of relevant experience with this employer**	11
Title	Geotechnical Engineer	**Years of relevant experience with other employer(s)**	10
Degree(s) / Years / Specialization		M.S. / 2013 / Civil Engineering B.E. / 2007 / Civil Engineering	
Active registration number / state / expiration date		P.E. #0043487/ LA / 09-30-2025	
Year registered	2019	Discipline	Civil
Contract role(s) / brief description of responsibilities		Design Engineer/QA-QC Field Testing/Laboratory QA	

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).*
	Mr. Surendra Pathak is a Staff Geotechnical Engineer for APS Engineering and Testing. He has over 15 years in the geotechnical and civil engineering fields. Mr. Pathak received a Master of Science in Civil Engineering (MSCE) from Mississippi State University in 2013, a Master of Science in Civil Engineering from Norwegian University of Science and Technology in 2007, and a B.E. in Civil Engineering from Madan Mohan Malaviya University of Technology (India) in 1998. Mr. Pathak's professional experience consists of the design of roadways, bridges, levees and T-walls as well as the design of shallow and deep foundations. His field experience includes QC inspection of auger cast piles, drill shafts, soil and concrete.
09/21-05/24	**Port Hudson-Pride Road (LA-964 – LA-19)** Scope included geotechnical investigation to enable an evaluation of an acceptable foundation for the proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Pathak was an Engineer to the Geotechnical Investigation.
11/19-12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85** APS was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Pathak was a Geotechnical Engineer for the Project Design team.
09/19-05/23	**Project No. H.004100: I-10 Widening LA 415 to Essen LN-** A P S was tasked thru our DOTD Geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU Lakes. A P S drilled a total of eight (8) over the water borings and 44 land borings. Along with this drilling and sampling, A P S tested for strength and engineering characteristics of the soils with approximately 1000 Triaxial Compressions, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Mr. Pathak was an Engineer to the Geotechnical Investigations.
03/21-11/22	**Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.)-** Scope of this project included subsurface exploration of conditions at the site to enable an evaluation of an acceptable foundation for the proposed pavement and the new bridge. Mr. Pathak was an Engineer to the Geotechnical Investigation.
05/16-10/17	**Project No. H.002861: Earhart Expy/Causeway Interchange, New Orleans-** Scope included geotechnical investigation, design and reporting for the proposed bridge. A P S drilled and sampled 49 deep borings. Geotechnical analysis included deep and shallow foundation recommendations, settlement analysis, roadway design, sheet-pile design and LRFD design factor for the existing structure. Mr. Pathak was an Engineer on the Project Design Team.
11/19-06/22	**Project No. H. H.001352 and H.002273: Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge LA-67 and LA- 19**- A P S was selected with the winning team for the Design of the Diversion CMAR project. A P S performed the Geotechnical Design for the project. Mr. Pathak was a Design Engineer for the Project Desing team.
08/16-10/19	**Project No. H.012422: I-110 Interchange Modification at Terrace Ave**- A P S was tasked thru our DOTD Geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave Exit. A P S tested for strength and engineering characteristics of the soils with approximately 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits performed by APS Laboratory. Mr. Pathak was an engineer to the Geotechnical Investigations.
03/19-05/19	**Project No. H.001344: US 190 over Bogue Falaya River-** A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Mr. Pathak was a Design Engineer for the Project Design team.
05/18-03/19	**Project No. H.011670: I-10 Loyola Interchange Improvements** The scope of this project included subsurface investigation to provide the client with necessary information for the planning and design of a new interchange to connect to the new airport terminal. Mr. Pathak was an engineer to the Geotechnical Investigations.

16. STAFF EXPERIENCE

Firm employed by	**Vectura Consulting Services, LLC**				
Name	Sheelagh Brin Ferlito, PE, PTOE		Years of relevant experience with this employer	9	
Title	Supervisor-Eng		Years of relevant experience with other employer(s)	27	
Degree(s) / Years / Specialization			B.S. / 1988 / Civil Engineer		
Active registration number / state / expiration date			PE. 0025383 / LA 09/30/2025		
Year registered	1993	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Traffic Signal Design		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc.*
07/21 - current	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA)** Brin is the task leader for Vectura for the **Construction Engineering and Inspection of 24 traffic signals**. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
07/19 – current	**MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)** Brin is the lead traffic engineer for entire the New Capacity Projects program management team. **All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin.** She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects.
07/19 – current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA)** Brin is the project manager for the **temporary and permanent traffic signal plans** for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on **design year volumes** that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by DOTD.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish, LA)** Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed **signal timing plans** for each phase of the construction to maintain progression along LA 30.
07/18 – 04/19	**LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA** Brin developed a Pedestrian Crosswalk Study and **Traffic Signal Construction Plans** for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included **traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses**. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17-04/18	**US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA** Brin developed a formal traffic study for a proposed crosswalk with pedestrian **traffic signal equipment and pedestrian clearance timings** based on DOTD requirements. Brin assisted with **vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street**. From the design study, a set of **Traffic Signal Modification Plans** were developed to implement the recommended alternative.
08/15-05/17	**Enhancing Guidance for Evacuation Time Estimate Studies (Nuclear Regulatory Commission Rockville, MD)** Brin conducted an applied research study of U.S. Nuclear Regulatory Commission guidance for developing evacuation time estimate studies and produced a technical basis for revision of NUREG/CR-7002 "Criteria for Development of Evacuation Time Estimate Studies" in support of the 2020 update of ETEs. Specifically, Brin was the lead VISSIM modeler for the "large" population models, which consisted of a 20-mile radius model. The VISSIM model input included traffic volumes distributed over 8 hours, highway and intersection lane geometry using links and connectors, conflict areas, traffic signal and stop control and speed. Brin also developed Dynamic Traffic Assignment code to simulate that fastest route out of the evacuated zone.
04/14 – 12/14	**H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA)** As the project engineer, Brin was in responsible charge for **data collection and design for three signalized intersections** as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.

16. STAFF EXPERIENCE

07/12-03/14	**EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge, LA)** Brin was the Project Resident Engineer on behalf of EBR for performing **CE&I services for the construction of 11 traffic signals**. She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM / EOC building. She processed all monthly tasks in EBR formats as well as well as all items on the EBR project closeout checklist.
07/08-09/09	**SPN 013-05-0043 CE&I for EBR Traffic Signal Systems Phase IV Construction (Baton Rouge, LA)** Brin was the Project Resident Engineer for DOTD and EBR to perform **CE&I services for the construction of 21 traffic signals**. She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.
09/13 – 04/14	**S.P. 700-99-0477 Jefferson Hwy. Signal Design (Baton Rouge, LA)** Ms. Ferlito designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included **traffic data collection, traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout**. Design also included **traffic signal synchronization signal timing** and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans, and specifications.
03/05 – 11/05	**Airline Hwy Widening SPN 700-99-0332 (Baton Rouge, LA)** Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included **traffic data collection, traffic signal equipment, signal synchronization timing, fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate**. This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM / EOC.
02/03 – 01/04	**EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172 (Baton Rouge, LA)** Brin was the project engineer for the **design of 66 signalized intersections** on eight arterials in Baton Rouge which included traffic data collection, traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.

16. STAFF EXPERIENCE

Firm employed by	**Vectura Consulting Services, LLC**			
Name	Laurence Lucius Lambert, II, PE, PTOE, PTP		**Years of relevant experience with this employer**	9
Title	Supervisor-Eng		**Years of relevant experience with other employer(s)**	18
Degree(s) / Years / Specialization			B.S./1997/Civil Engr. M.S./2006/Civil Engr. (Transportation focus) M.B.A./2010	
Active registration number / state / expiration date			P.E. #0029901 / LA / 3-31-2026	
Year registered	2002	**Discipline**	Civil	
Contract role(s) / brief description of responsibilities			Data Collection and Traffic Management Plan Supervisor	

Experience dates (mm/yy-mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc.*
07/19 – current	**MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)** At the beginning of the program, Laurence worked with the Capital Region Planning Commission to produce measures of effectiveness from the **travel demand model** to prioritize the MOVEBR project list. Laurence and Pong Wu developed a list of vehicle miles traveled, V/C ratios and vehicles hours of delay. Laurence also provided **peer review** for the traffic studies for Ben Hur Road and Lee Drive.
07/23 – 11/23	**H.015504.5 CCC Decorative Lighting Level 4 TMP (New Orleans, LA)** Laurence was the project manager for a **Level 4 Traffic Management Plan (TMP)** for the Crescent City Connection (CCC). Laurence oversaw the lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots". The results were summarized in a report that was reviewed by DOTD.
04/23 – 10/23	**H.014591.5 I-12: US 61 Bridges Girder Repairs (Baton Rouge, LA)** Laurence was the project manager for a **Level 2 TMP** for the interchange of I-12 at US 61. Laurence performed QA/QC for a lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots" where Laurence also performed QA/PC. The results were summarized in a report that was reviewed by DOTD.
04/18 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger & I-10 Gonzales (Ascension, LA)** Laurence provided a Quality Control review of the **temporary construction and sequence of construction plans**. Vectura also provided Quality Control review of **signing and striping plans** at 30% and 60% plan sets to ensure the **roundabouts** conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.
04/18 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish, LA)** Laurence provided a Quality Control review of the **temporary construction and sequence of construction plans**. Vectura also provided Quality Control review of **signing and striping plans** at 30% and 60% plan sets to ensure the **roundabouts** conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.
02/20 – 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** Laurence was the **project manager to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Data Collection)** for proposed improvements College Drive. Since the I-10 interchange was included in the study, **approval from DOTD was required**. Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations, verification of Traffic Signal Inventories, and bicycle / pedestrian / transit observations.
01/23 – 02/24	**H.011504 Alexandria ITS Phase 2** Laurence was the project manager for a System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and **Level 2 Transportation Management Plan** for the Alexandria area.
10/21—03/22	**H.013256.5 I-10 ITS Scott to Lake Charles (Lead Traffic Engineer)** Laurence was the lead traffic engineer for a **Level 2 Traffic Management Plan (TMP)** for the construction of ITS equipment along I-10. The plan included a safety strategy that included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and public information strategies.
09/18 – 02/19	**H.013261.1 I-110 ITS Deployment Systems Engineering Analysis (Project Manager)** As a sub-consultant, Laurence was the task leader for the Constraints & Alternatives Analysis as well as the Projects & Procurement Strategy portion of the project. The goal of the project was to deploy Close Circuit Television (CCTV) cameras and one Dynamic Message Sign (DMS) along the I-110 corridor from US 190 to US 61. To communicate with the field devices from the Traffic Management Centers (TMCs), installing fiber optics along the I-110 corridor was recommended. The fiber optics also allow communication to the traffic signals at the interchange ramps along I-110 to the TMC.

16. STAFF EXPERIENCE

06/12-12/12	**Ramp Metering Study of I-10 Segment, East Baton Rouge and Ascension Parishes, Louisiana (Project Manager)** Laurence conducted a feasibility study to deploy ramp meters along the Interstate 10 (I-10) Corridor in Baton Rouge between Dalrymple Drive and LA 73. The study consisted of analyzing 17 on-ramps under differing design conditions, which include the following: 2010 Existing, 2012 Without Ramp Meter, 2012 Ramp Meter, and 2012 Ramp Meter with Recommendations. Laurence's role in this project as project manager was to oversee all QA / QC measures and interpret the results from the model. Laurence coordinated with the local agencies to obtain all current proposed projects in the area, which included DOTD I-10 Widening Project Phases 1 and 2, the Green Light Plan (GLP) Essen Lane Widening Project, and the GLP Highland Road Widening Project.
09/16 - 04/17	**H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA)** Laurence was the lead traffic engineer for a **DOTD traffic study** for the new LA 3241 alignment with the purpose of obtaining both existing and projected future traffic variables in accordance with standard operating procedures typically performed in these types of analyses. Laurence worked closely with the NORPC and District 62 to develop design year volumes using data the TransCAD model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management. Laurence, along with Brin, **collected 7-day, 24-hour counts** w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines. Laurence also developed a VISSIM **traffic simulation model** of the preferred alternative.
07/16 - 01/17	**FHWA Intersection & Interchange Geometrics: Innovative Design Considerations for All Users (Norfolk, VA)** At the request of the FHWA division office for Virginia, Laurence was asked to peer review a set of design plans for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, modifications to an interchange and the implementation of a DLT. Vectura specifically reviewed and commented on the intersection geometry, pavement markings and signage. The findings were summarized in a technical memorandum as well as "red line" comments were scanned and submitted to the FHWA Virginia Division office for their use.
04/04 - 09/06	**Stage 0 I-10 at Pecue Lane Interchange Justification Study (Baton Rouge, LA)** Laurence was the lead traffic engineer for a **Stage 0** traffic study analyzing the proposed interchange at I-10 and Pecue Lane. Laurence developed current and future traffic volumes based on the CRPC **TransCAD model** growth rates. Using HCS, Laurence **analyzed signalized and unsignalized intersections**, basic freeway segments, freeway merge / diverge segments and freeway weaving segments. Laurence also developed a micro-simulation model in both VISSIM and TSIS.
03/10 - 11/11	**S.P. No. 700-09-0171 Stage 0 and 1 Study I-49 Inner City Connector (Shreveport, LA)** This 3.5-mile route will connect existing I-49 / I-20 interchange to the proposed I-49 / I-220 interchange. After completing the **Stage 0**, Laurence was the project manager for the traffic analyses for the EA phase. The total traffic analyses effort included over 30 TransCAD Models, 20 interchanges and 70 intersections. Analyses included signalized and unsignalized intersections, basic freeway segments, freeway merge / diverge segments and freeway weaving segments at the studied intersections and interchanges. This project included performing both Interchange Modifications Reports (IMRs) and Interchange Justification Reports (IJRs).
01/07 – 08/07	**I-12 Ramp Metering Study, Baton Rouge, Louisiana (Project Manager)** Under the ITS retainer contract, Laurence provided analysis and evaluations of potential ramp metering at six interchanges along this corridor. The scope also included analysis of existing traffic conditions, evaluation of proposed solutions, and creation of micro-simulation models of existing and proposed conditions. An existing micro-simulation model was obtained from DOTD to analyze and visually represent the existing traffic conditions. The existing conditions model was calibrated and used as a base to develop models of ramp metering. Laurence presented the findings to DOTD, including an overview map of the interchange area, a schematic of existing volumes, a Micro-simulation of the existing conditions, a summary table of LOS for existing conditions, micro-simulations of proposed solutions, and a summary table of LOS for each solution. Laurence also submitted a formal report of the findings.
04/04 - 09/06	**Stage 0 I-10 at Pecue Lane Interchange Justification Study (Baton Rouge, LA)** Laurence was the lead traffic engineer for a **Stage 0** traffic study analyzing the proposed interchange at I-10 and Pecue Lane. Laurence developed current and future traffic volumes based on the CRPC **TransCAD model** growth rates. Using HCS, Laurence **analyzed signalized and unsignalized intersections**, basic freeway segments, freeway merge / diverge segments and freeway weaving segments. Laurence also developed a micro-simulation model in both VISSIM and TSIS.

16. STAFF EXPERIENCE

Firm employed by	Vectura Consulting Services, LLC				
Name	Reece Rodrigue, PE, PTOE, RSP1		Years of relevant experience with this employer	4	
Title	Engineer		Years of relevant experience with other employer(s)	7	
Degree(s) / Years / Specialization			B.S./2013/Civil Engr.		
Active registration number / state / expiration date			PE.0042074 / LA / 3/31/2026		
Year registered	2017	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Engineer for signal and ITS design / inspection		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc.*
04/21 - current	**MOVEBR Direct Select for Traffic Signal Design, Baton Rouge, LA** Reece is a project engineer for the design of traffic signal upgrades at 10 intersections. This projected included a traffic design report, preliminary and final plans for traffic signals that included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. The design also included traffic signal synchronization signal timing and pedestrian signal timing.
06/23 - Current	**H.012845.1 Connected & Autonomous Vehicles (C/AV) Team and Working Group Support** Reece is a member of the team to develop new policies and legislation related to C/AV.
06/23 - Current	**H.011507.1 Monroe Phase 3 SEA** Reece visited the project site to document the controller type and detection needs at each signalized intersection within the right-of-way.
07/21 - Current	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, Louisiana)** Reece is part of the team responsible for **Construction Engineering and Inspection**. Reece has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
01/23 – 02/24	**H.011504 Alexandria ITS Phase 2** Reece was the project engineer for a site visit, System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan.
06/22 – 02/23	**H.012381.5 ITS Fiber Management System Data Collection** Reece performed the field observations for 40 sites to verify the ITS FMS and inventory services.
04/20 - Current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA)** Reece is responsible for designing the temporary traffic signal for the intersection of LA 23 at Engineers Rd. for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the **Traffic Management Plan** that was also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for producing the permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated stop bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction.
01/21 – 05/21	**H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes)** Reece was a member of the subconsultant team who was tasked with reviewing the ITS plans for 15 sites along I-10 where CCTV cameras were being installed. Reece was responsible for **measuring anticipated construction quantities and producing a cost estimate** for said quantities by using DOTD's Bid Tabulation and Cost Estimating Tool.
09/20 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Reece is an essential design engineer, who is assisting in the production of the temporary signal design associated with the **sequence of construction** for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.

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09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Reece is a design engineer, who is assisting in the production of the temporary signal design associated with the **sequence of construction** for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. He assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Reece conducted a thorough analysis of the LA 30 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
11/21 – 12/21	**Emergency Street Light and Traffic Sign Assessment (New Orleans, LA)** In response to the damage caused by Hurricane Ida, Reece **inspected streetlights** and street signs to report damage using the City's ArcGIS Online Organization and ArcGIS Field Maps app. The assessment area was approximately 2.5 miles by 2 miles area in the City of New Orleans.
02/20 – 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** Reece was the task leader for organizing and formatting the **data collection** of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.
07/19 – 12/19	**Burgess Avenue at Duff Road Traffic Signal Design, Walker, LA** Reece was responsible for the design of a fully actuated signalized intersection in the city of Walker, LA. The traffic signal was determined to meet signal warrants upon completion of the Foxglove subdivision in Livingston Parish, LA. Plans included road widening, signal face indication schedule, signal sequence chart, sign schedule, detector schedule, controller timing, wiring diagram, and free operation phasing diagram. Reece met with city officials to discuss the feasibility of constructing a traffic signal as opposed to other alternative measures for improving the intersection.
02/16 - 12/16	**H.005733.5 US 190 Superstreet Task Order (St. Tammany Parish)** Reece was a team member responsible for the layouts for the US 190 Superstreet signal designs. He created the **preliminary plans using CAD** software program MicroStation V8i. He aided in the technical design of each intersection. He conducted field inspections to verify locations of existing equipment as well as observing the area for feasible proposed utility locations. He attended project team meetings to discuss the project details as well as the plan-in-hand walk-through.
01/16 – 11/17	**Ochsner Main Campus Traffic Signals (Jefferson Parish)** Reece served as a design engineer for the **traffic signal plans** for the two Ochsner Main Campus access traffic signals with US 90 (Jefferson Hwy). The goal of the design was to implement updated pedestrian timings as well as optimize progression through the US 90 corridor. He reviewed traffic data and assigned time of day coordination timing parameters for the two intersections so that they may be included in the coordinated system west of the intersections. He used TruTraffic determine the appropriate offset parameters so that vehicles may progress efficiently through the coordinated system. Plans for the two intersections were drafted in the form of DOTD's latest version of the TSI format. He was responsible for estimating construction quantities using DOTD's 2016 Spec Item list.
10/16 – 05/17	**Loyola Interchange Modification Request, Kenner, LA** Reece was a team member in the production of an Interchange Modification Report (IMR) for the I-10 at Loyola Dr. Interchange. He was an active member in collecting vehicle travel time data and processing the data. He also aided in collecting vehicle queues at the study intersections. He also assisted in the Vissim model calibration.
02/15 – 12/15	**H.011646 Retainer Contract for DOTD District 02 Traffic Signal Inventories - Nola 3** Reece served as the lead engineer in the production of the traffic study for the District 02 Traffic Signal Inventories. The objective was to effectively correct the progression of traffic through the US 90 (Broad St) corridor. He reviewed vehicle crash data at all intersections in the study scope. He conducted travel time runs. He created a model with existing traffic signal timing information using Synchro 8 Software. He recommended traffic signal pedestrian clearance times and yellow and red clearance times for each intersection. He used MicroStation V8i when designing traffic signal plans in DOTD's TSI format.

16. STAFF EXPERIENCE

Firm employed by	Vectura Consulting Services, LLC				
Name	Kristen Farrington, PE, PTOE, RSP1		Years of relevant experience with this employer	2	
Title	Engineer		Years of relevant experience with other employer(s)	7	
Degree(s) / Years / Specialization			B.S. / 2013 / Civil Engr.		
Active registration number / state / expiration date			PE.0042074 / LA / 3/31/2025		
Year registered	2018	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Engineer for signal and ITS design / inspection		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc.*
04/21 – 04/24	**CP No. 16 CI-US-0032 Bus Rapid Transit (BRT) Improvement Project (Baton Rouge, LA)** Kristen a project engineer for a **traffic design study and traffic signal design of 19 signals** along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Kristen assisted the prime consultant with the safety analysis as well.
07/23 – 01/24	**H.015504.5 CCC Decorative Lighting Level 4 TMP (New Orleans, LA)** Kristen was the lead traffic engineer for a **Level 4 Traffic Management Plan (TMP)** for the Crescent City Connection (CCC). Kristen performed a lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots". The results were summarized in a report that was reviewed by DOTD.
04/23 – 10/23	**H.014591.5 I-12: US 61 Bridges Girder Repairs (Baton Rouge, LA)** Kristen was the lead traffic engineer for a **Level 2 TMP** for the interchange of I-12 at US 61. Kristen performed a lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots". The results were summarized in a report that was reviewed by DOTD.
08/21 – 04/22	**H.013267 Downtown to Scotlandville Parkway Trail Safety Enhancement Study (Baton Rouge, LA)** Kristen was a project engineer for a design study to evaluate the recommended street crossing treatments of the trail at eight locations. The project consisted of collecting **vehicular speed and volume data** at the proposed trail crossings. Geometric field checks were also performed to determine if any hazards to pedestrians or cyclists existed. Once the field data was collected and analyzed, appropriate crossing treatments utilizing the *FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations* were developed that included Rectangular Rapid-Flashing Beacons (RRFB) and Pedestrian Hybrid Beacons (PHB's). Currently, Vectura is developing plans for the PHB's at four locations which will be the first implementation of PHB's in the Baton Rouge area.
02/20 – 09/21	**MOVEBR College Drive Enhancement Project (Baton Rouge, LA)** Kristen assisted with the **data collection** task of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.
6/19 - 2/21	**H.013459 US 167 Improvements Stage 0 Elsie Street to Gilbert Street (St. Landry Parish, LA)** Kristen served as project manager for a **Stage 0** study to evaluate the addition of a third lane to US 167 from Elsie Street south to a point past Gilbert Drive. Environmental impacts and cost estimates were prepared, as well as a benefit-cost analysis of all improvements considered. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis. Designed high-level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes.
6/19 - 2/21	**H.013460 US 167 Improvements Stage 0 Enola Street to Ross Road (Evangeline Parish, LA)** Kristen served as project manager for a **Stage 0** study of a two-lane road to remove a curvilinear section of US 167 from Enola Street near LA 748, southeast for approximately 1.2 miles. The study compared connecting existing property owners to a new roadway with driveways or intersection of old roadway. Environmental impacts and cost estimates were prepared. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis, as well as a benefit-cost analysis. Designed high-level concept exhibits and a comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes.

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04/19 – 6/21	**H.013817.1 LA 117 Improvements Stage 0 (Vernon and Natchitoches Parishes, LA)** Kristen served as project engineer responsible for a **Stage 0** study for 18 miles of two-lane LA 117 from LA 8 to LA 118. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project. Kristen compiled all findings in the **Stage 0** report and coordinated with stakeholders and local agencies to ensure the purpose and need of project is met.
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish, LA)** Kristen was the task leader for the preparation of a **Stage 0** study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the **Stage 0** Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine the best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.
11/18 - 3/21	**H.013322 LA 3040 Feasibility / Safety Study Stage 0 (Houma, LA)** Kristen served as project engineer for a study to identify safety and operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA to evaluate reasonable alternatives to address any deficiencies discovered. Kristen was responsible for compiling a data collection plan for submittal to DOTD, including count locations, determined peak periods, and peak hours. Kristen performed peak period observations in the field and geometric field checks, as well as **unmet demand observations and calculations**. Kristen prepared TMC figures, as well as performed existing analysis in Vistro. Compiled all data collected into Appendices A and B per the DOTD Traffic Process and Report and wrote Chapter 1 of report. Kristen represented the project at stakeholder meetings to discuss project status.
04/18 – 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish, LA)** Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this **Stage 0** Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the LADOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps. Close coordination with traffic engineer ensured maximum improvement of safety and operations given limited right-of-way and utility conflicts along the corridors.
09/17 – 09/18	**H.011160 LA 73 Corridor Study Stage 0 LA 74 to LA 621 (Ascension Parish, LA)** Kristen was the designer responsible for concept development, report writing, and impact analysis for a **Stage 0** study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.
11/16 – 07/17	**H.001271 Cane River Bridge Church Street Route LA 1-X Environmental Assessment** Kristen was the project engineer responsible for assisting with the site visits, data organization, **analysis of permanent alternatives and traffic control alternatives**, and traffic report to aid in the delivery of an environmental assessment for the Cane River Bridge Replacement

16. STAFF EXPERIENCE

Firm employed by	Vectura Consulting Services, LLC				
Name	Bridget Scheyd Robicheaux, PE (Part-Time)			Years of experience with this firm/employer	6
Title	Project Engineer			Years of experience with other firm(s)/employer(s)	9
Degree(s) / Years / Specialization			B.S./2007/Civil Engineering M.S./2014/Civil Engineering (Transportation focus)		
Active registration number / state / expiration date			PE.0041272 / LA / 3/31/2025		
Year registered	2016	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Engineer for Traffic Control Design, Signal CE&I and TMP		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc.*
07/21 – current	**H.007160 EBR Computerized Traffic Signal, Phase VB (Baton Rouge)** Bridget has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Bridget also reviewed the traffic signal supports and documented all of her comments in a quality control tracker spreadsheet.
06/21 - 06/21	**CP No. 16 CI-US-0032 Bus Rapid Transit (BRT) Improvement Project (Baton Rouge, LA)** Bridget assisted with the **traffic signal design of 13 signals** along three corridors: Plank Road, 22nd Street and US 190 (Florida Street).
03/21 - 07/22	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA)** Bridget is part of the team responsible for **Construction Engineering and Inspection**. Bridget has reviewed the signal mast arm shop drawings (checking pole quantities and markups) to assist the City-Parish of Baton Rouge in accepting the manufactured poles.
04/20 - 07/20	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA)** Bridget assisted the project engineer who **designed the temporary traffic signal** for the intersection of LA 23 at Engineers Rd by pulling crash data along LA 23, reviewing and summarizing crash reports, and performing CATScan analysis.
04/19 - 01/20	**Traffic Studies for Broussard Middle School and Billeaud Elementary School (Lafayette Parish, LA)** Bridget was the project engineer for developing a Traffic Study for two school entrances in Broussard, LA. Her project tasks included traffic data collection, forecast traffic volume development, existing traffic analyses and future traffic analyses using HCM software. She performed turn lane warrants based on NCHRP Report Number 457 as well as storage lengths based on queues and DOTD requirements.
07/19 – current	**MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)** Bridget assists Brin on a daily basis for the entire New Capacity Projects program management team. Bridget has performed multiple **reviews of traffic studies and traffic signal designs**. This includes reviewing raw data, unmet demand, volume maps, existing and build analyses, and safety analyses for accuracy and consistency throughout the report. She provides comments in a spreadsheet known as the Comment Tracker. All comments are posted in the Comment Tracker so that all parties are aware. Many of these projects are located on state routes and require approval by the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects. Using methods outlined in NCHRP 765, Bridget helped to develop design year volumes for the Jones Creek (Airline to Jefferson) MOVEBR project. She has developed Turn Lane tech memos for the MOVEBR Old Hammond Highway Segments 1A and two projects and for the MOVEBR Highland at Siegen project.
07/18 – 04/19	**LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA** Bridget assisted Brin with the crosswalk study by pulling and formatting the crash data. She also assisted Brin with the crash analysis and formatting the findings.
10/17 - 07/18	**Travel Demand Model Update: Southeast Louisiana Travel Model (New Orleans, LA)** Bridget developed base year traffic volumes to calibrate and test of the regional travel demand as part of **updating the New Orleans Regional Planning Commission Travel Demand Model in TransCAD**. Specifically, Bridget obtained and reviewed the over 4,000 traffic counts (cars / trucks) that were used in the validation of the SELATRAM model to check for consistency, reasonableness, and completeness. She tabulated her results in a spreadsheet that was included in a technical memorandum.

16. STAFF EXPERIENCE

09/17 - 11/17	**US 11 (Front St.) at US 190 Bus. (Fremaux Ave.) Traffic Study (St. Tammany Parish, LA)** Bridget participated in the development of a Crosswalk Traffic Engineering Study for the City of Slidell as part of improvements to the intersection of US 11 (Front St.) at US 190 Bus. (Fremaux Ave.). Bridget processed raw traffic videos and developed **AM and PM peak period turning movement vehicle count** figures. She also assisted Brin with a PTV Vistro model for the AM and PM Peaks for the five intersections for capacity analyses as well as progression analyses. She also developed portions of the report.
02/17 - 10/17	**Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA)** Bridget participated in the development of a **Stage 0 Feasibility Study** for roundabouts at four intersections in St. Tammany Parish. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Bridget developed traffic **turning movement counts** for morning and evening peak periods including peak hour factor and heavy vehicle percentages. Growth rates for **design year volumes** were also developed based on information provided from the **TransCAD model**. She performed portions of the Sidra unsignalized, signalized and roundabout analyses for implementation and design years and report development.
06/16 - 09/17	**H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA)** Bridget assisted with developing a **Stage 0 Feasibility Study** for roundabouts at seven intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Bridget developed traffic **turning movement counts** diagrams for peak periods including peak hour factor and heavy vehicle percentages. She developed the speed data analyses as well as assisted with performing Sidra unsignalized, signalized and roundabout analyses for implementation and design years. Bridget also developed several figures that were included in the report.

16. STAFF EXPERIENCE

Firm employed by **Modjeski and Masters, Inc.**					
Name	**Cullen J. Ledet, PE**		Years of relevant experience with this employer	22	
Title	Vice President		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			BS 2000 Civil Engineering		
Active registration number / state / expiration date			P.E. #33222 / LA / 9-30-2025 Work Zone Training Compliant		
Year registered	2007	Discipline	Civil		

Contract role(s) / brief description of responsibilities
Mr. Ledet has been employed as a Design Engineer in the New Orleans office of Modjeski and Masters, Inc. since 2002, after having interned two summers with the firm. During this period he has been engaged in the design of both fixed and movable highway and railroad bridges. Mr. Ledet has prepared designs, plans, and specifications for a number of projects both for improvements as well as complex projects.

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 years of experience specified in the applicable MPR(s).*
3/17 - ongoing	**LA 1 – Port Allen Bridge Replacement, Port Allen, LA | LADOTD** The ongoing project consists of replacing the existing northbound and southbound bridge structures on LA 1 over the Intracoastal Canal Waterway (ICWW). The proposed LA 1 SB Bridge will consist of 3 - 12' travel lanes and 2 - 10' shoulders and will be approximately 2,680' long. The proposed LA 1 NB Bridge will consist of 2 - 12' travel lanes and 2 - 10' shoulders (LA 1 NB roadway), a permanent 2' wide median barrier and 1 - 12' travel lane with 2 - 6' shoulders (I-10 EB Exit Ramp roadway). The Exit Ramp and LA 1 NB roadway will be separated by a permanent 2' wide median barrier until the LA 1 NB Bridge will bifurcate where the LA 1 NB roadway and I-10 EB Exit Ramp roadway will be carried on separate bridge structures. The LA 1 NB Bridge and I-10 EB Exit Ramp Bridge will be approximately 2,700' and 354' long, respectively. Both LA 1 NB and LA 1 SB Bridges will consist of a 870' long haunched three span continuous steel plate girder main span unit over the ICWW and prestressed concrete LG girder approach spans. Mr. Ledet serves as Deputy Project Manager for this project and is developing the General Plan and Elevation drawings while identifying any potential conflicts with utilities and existing structures.
12/15-02/17	**H.010620 US 90 Albertson Pkwy to Ambassador Caffrey Pkwy – Frontage Road Bridges, Lafayette Parish, LA | LADOTD** M&M provided an independent QC review of the frontage road bridges over the BNSF Railroad. The bridges included construction of various continuous precast prestressed concrete girder spans supported on bent columns and pile footing foundations. Mr. Ledet performed the review of the structural plans and details at every submittal milestone.
6/12 –12/16	**S.P. H.009933: MacArthur Drive Interchange. Harvey, Louisiana | LADOTD** The MacArthur Interchange Project consisted of the addition of two new ramps to the Westbank Expressway near MacArthur Drive, as well as the demolition of two existing ramps. M&M was responsible for the substructure design for Ramps 7 and 8 in a complex urban setting which included steel pile footings and reinforced concrete columns. M&M also provided construction related engineering support services. Mr. Ledet provided peer review services of the original design. Mr. Ledet detailed the flared reinforced concrete columns and provided construction related engineering services for this project.
01/14-06/15	**US 90 (Future I-49) from Albertsons Pkwy to Ambassador Caffrey Pkwy, Lafayette Parish, LA | LADOTD** As a member of the Design-Build team with C.H. Fenstermaker & Associates, M&M provided an independent QC review of the structures over the BNSF Railroad and Albertsons Parkway. Both bridges included construction of various continuous precast prestressed concrete girder Spans supported on bent columns and pile footing foundations. The structures over the BNSF Railroad included a phased sequence of construction. Mr. Ledet performed the review of the structural plans and details at every submittal milestone.

16. STAFF EXPERIENCE

06/10 – 11/11	**White River Bridge and Relief Structures. Clarendon, AR | ARDOT** The White River Bridge consists of a 9,500 ft., two-lane vehicular bridge crossing the White River at Clarendon, Arkansas, a 2,500 ft. trestle bridge over Roc Roe Bayou and a 1,550 ft. relief structure over the White River floodplain, with the main river crossing consisting of a four-span continuous steel I-girder unit with a 350 ft. maximum span. Mr. Ledet detailed substructure (bent) geometry and calculated prestressed concrete and steel girder lengths for various spans
12/01 – 12/02 **12/08 – 10/09**	**Illinois River Bridge. Elgin, Joliet & Eastern Railway Company, Devine, Illinois | Canadian National** The Illinois River Bridge was originally built as four 154-foot fixed through truss spans. About 1932, Span 2 was converted to a vertical lift span and the adjacent spans fitted with lifting towers, counterweights, and an electro-mechanical operating system, providing a 120-foot clear opening. Under the provisions of the "Truman-Hobbs Act" of 1940, the USCG is funding alteration of the bridge to provide a 300-foot marine opening. The replacement vertical lift span will be 348 feet long and have a maximum lift vertical clearance of 56 feet. M&M collected relevant data, evaluated alternatives, established design criteria, cost estimates, prepared project report, and provided the final design. Mr. Ledet designed and detailed the framing for the operator house as well as the pier grillage structures.
09/08-02/11	**S. P. 701-65-1098 Replacement of LA3249 (Well Road) over I-20, Monroe, LA | LADOTD** This Project was the replacement of the Well Road Overpass using accelerated construction methods to construct replacement spans within the interchange R/W and over a weekend remove existing spans and install new spans. Mr. Ledet was the point of contact for Modjeski and Masters, Inc. He designed and detailed deck drainage; calculated quantities and generated construction cost estimate; construction services.
06/01-08/14	**S.P. 700-18-0014 Huey P. Long Bridge Widening near New Orleans, LA | LADOTD** The widening project for the H.P. Long Bridge included new vehicular approaches on both sides of the Mississippi River consisting of three lanes plus shoulders and ramps. The project entailed replacing existing approaches in an urban setting while maintaining traffic through the corridor. Included elements: existing foundations, pile and drill-shaft supported piers, prestressed concrete girder spans and multiple-span steel continuous units. As Deputy Project Manager, Mr. Ledet assisted in the design and detail of steel plate girder spans, prestressed concrete spans (BT-78, Type IV and Type III), and reinforced concrete column and bent caps in accordance with DOTD bridge plan requirements. Mr. Ledet also designed and detailed various drainage structures as part of the roadway design and developed the survey & alignment control drawings. He also developed quantities and a construction cost estimate. Mr. Ledet led the construction related engineering service efforts for this contract and also developed and wrote portions of the final report for the LADOTD.

16. STAFF EXPERIENCE

Firm employed by Modjeski and Masters, Inc.			
Name	Yu Ouyang, PE	Years of relevant experience with this employer	32
Title	Senior Vice President	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization MS / 1990 / Civil Engineering MS / 1985 / Structural Engineering BS / 1982 / Civil Engineering			
Active registration number / state / expiration date		26117 LA 9/30/2025	
Year registered	1994	Discipline	Civil

Contract role(s) / brief description of responsibilities

Mr. Ouyang has been with Modjeski and Masters, Inc. since 1991, and has vast bridge engineering experience, ranging from conventional designs to special projects of high complexity, and from feasibility studies to construction services. He specializes in the design of fixed and movable highway and railroad bridges, and the rating and rehabilitation of existing bridges. His expertise also extends to analysis of complex bridge structures, vessel collision risk assessment and protection systems, seismic design, analysis and retrofit, and fatigue evaluations. He brings extensive experience in managing engineering and design efforts of varying sizes and difficulties, and in leading, coordinating and managing technical teams and subconsultants. His hands-on project management has led to successful and on-time completion of large and highly technical projects.

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 years of experience specified in the applicable MPR(s).*
3/17 - ongoing	LA 1 – Port Allen Bridge Replacement, Port Allen, LA | LADOTD The ongoing project consists of replacing the existing northbound and southbound bridge structures on LA 1 over the Intracoastal Canal Waterway (ICWW). The proposed LA 1 SB Bridge will consist of 3 - 12' travel lanes and 2 - 10' shoulders and will be approximately 2,680' long. The proposed LA 1 NB Bridge will consist of 2 - 12' travel lanes and 2 - 10' shoulders (LA 1 NB roadway), a permanent 2' wide median barrier and 1 - 12' travel lane with 2 - 6' shoulders (I-10 EB Exit Ramp roadway). The Exit Ramp and LA 1 NB roadway will be separated by a permanent 2' wide median barrier until the LA 1 NB Bridge will bifurcate where the LA 1 NB roadway and I-10 EB Exit Ramp roadway will be carried on separate bridge structures. The LA 1 NB Bridge and I-10 EB Exit Ramp Bridge will be approximately 2,700' and 354' long, respectively. Both LA 1 NB and LA 1 SB Bridges will consist of a 870' long haunched three span continuous steel plate girder main span unit over the ICWW and prestressed concrete LG girder approach spans. Mr. Ouyang serves as Project Manager for this project.
09/17 – 09/21	LA 16 over Tangipahoa River, Tangipahoa Parish, LA | LADOTD M&M developed all necessary topographic surveys, preliminary and final plans for this bridge replacement project on LA 16, between LA 51 and LA 1054, in Amite City, LA. This project included reconstruction of the approach slabs and roadway on the east and west sides of the bridge. It was anticipated that traffic shall be maintained during construction with an on-site diversion roadway and bridge. The plans were prepared in accordance with AASHTO LRFD Bridge Design Specifications and the Bridge Design and Evaluation Manual (BDEM), DOTD 2017 Design Guidelines, DOTD 2016 Standard Specifications for Roads and Bridges, DOTD Road Design Manual, and DOTD Hydraulics Manual. QC/QA was provided in accordance with Part 1, Chapter 3 of BDEM. Construction Related Engineering Support was provided and is currently on-going. Mr. Ouyang served as the Project Manager for this project.
09/17 – 03/21	US 61 at Thompson Creek, West Feliciana Parish, LA | LADOTD M&M provided all necessary preliminary and final plans for the rehabilitation of the northbound bridge and replacement of the southbound bridge on US 61 over Thompson Creek, between LA 10 and LA 964, near St. Francisville, LA. It was anticipated that traffic would be maintained during the construction of the new southbound bridge with temporary two-way traffic on the rehabilitated northbound bridge. The project also included the design and detailing of adding a helper bent to the northbound bridge. The plans were prepared in accordance with AASHTO LRFD Bridge Design Specifications and the Bridge Design and Evaluation Manual (BDEM), DOTD 2017 Design Guidelines, DOTD 2016 Standard Specifications for Roads and Bridges, DOTD Road Design Manual, and DOTD Hydraulics Manual. QC/QA was provided in accordance with Part 1, Chapter 3 of BDEM. Construction Related Engineering Support was provided and is currently on-going. Mr. Ouyang served as the Project Manager for this project.

16. STAFF EXPERIENCE

09/17 – 02/20	LA 1064 at Little Natalbany River, Livingston Parish, LA | LADOTD M&M developed all necessary topographic surveys, preliminary and final plans for this bridge replacement project on LA 1064, near LA 43 and Hoover Road, in Albany, LA. This project included reconstruction of the approach slabs and roadway on the east and west sides of the bridge. It was anticipated that the roadway would be closed during construction and a detour route was detailed. The plans were prepared in accordance with AASHTO LRFD Bridge Design Specifications and the Bridge Design and Evaluation Manual (BDEM), DOTD 2017 Design Guidelines, DOTD 2016 Standard Specifications for Roads and Bridges, DOTD Road Design Manual, DOTD Hydraulics Manual, and DOTD Location and Survey Manual. QC/QA was provided in accordance with Part 1, Chapter 3 of BDEM. Construction Related Engineering Support was also provided. Mr. Ouyang served as the Project Manager for this project.
6/12 –12/16	S.P. H.009933: MacArthur Drive Interchange. Harvey, Louisiana | LADOTD The MacArthur Interchange Project consisted of the addition of two new ramps to the Westbank Expressway near MacArthur Drive, as well as the demolition of two existing ramps. M&M was responsible for the substructure design for Ramps 7 and 8 in a complex urban setting which included steel pile footings and reinforced concrete columns. M&M also provided construction related engineering support services. Mr. Ouyang was Principal-In-Charge for this project.
02/01-08/14	S.P. 700-18-0014 – Huey P. Long Bridge Widening new New Orleans, LA | LADOTD The widening project for the H.P. Long Bridge included new vehicular approach structures on both sides of the Mississippi River consisting of three lanes plus shoulders and ramps. The project entailed replacing existing approaches in an urban setting while maintaining traffic through the corridor. Included elements: existing foundations, pile and drill-shaft supported piers, prestressed concrete girder spans and multiple-span steel continuous units. Mr. Ouyang provided the primary analysis of the combined main span trusses under numerous loading conditions and stages of construction.
08/09-12/11	S.P. 700-08-0109: LA 160 Bridges – Caney Creek and Bodcau Bayou | LADOTD M&M developed final plans, permit drawings, construction cost estimate and special provisions for a new integral bridge design and analysis developed for the LADOTD. The two subject bridge sites that cross Caney Creek and Bodcau Bayou in Bossier Parish, LA were the first two fully integral bridges in the state. Strain gauge and other testing was conducted to follow the behavior of the bridge design over a period of time. Mr. Ouyang served as the project manager and supervised a team of engineers that performed the LUSAS analysis, bridge design and detailing, and construction services.

16. STAFF EXPERIENCE

Firm employed by Modjeski and Masters, Inc.					
Name	Jared Weisman, PE		Years of relevant experience with this employer	13	
Title	Project Manager - Structures		Years of relevant experience with other employer(s)	5	
Degree(s) / Years / Specialization			BS / 2008 / Civil Engineering MS / 2010 / Civil Engineering		
Active registration number / state / expiration date			P.E. #43452 / LA / 9-30-2025		
Year registered	2019	Discipline	Civil		

Contract role(s) / brief description of responsibilities

Mr. Weisman has been employed with Modjeski and Masters since August of 2010. He has experience in the design, inspection, rating, and rehabilitation of a number of new and existing highway and railroad bridges. He has worked on a variety of bridge types including deck and through plate girders, prestressed concrete girders, swing, fixed, and bascule trusses, and inclined steel arch bridges.

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 years of experience specified in the applicable MPR(s).*
03/17 - Ongoing	LA 1 – Port Allen Bridge Replacement, Port Allen, LA | LADOTD The ongoing project consists of replacing the existing northbound and southbound bridge structures on LA 1 over the Intracoastal Canal Waterway (ICWW). The proposed LA 1 SB Bridge will consist of 3 - 12' travel lanes and 2 - 10' shoulders and will be approximately 2,680' long. The proposed LA 1 NB Bridge will consist of 2 - 12' travel lanes and 2 - 10' shoulders (LA 1 NB roadway), a permanent 2' wide median barrier and 1 - 12' travel lane with 2 - 6' shoulders (I-10 EB Exit Ramp roadway). The Exit Ramp and LA 1 NB roadway will be separated by a permanent 2' wide median barrier until the LA 1 NB Bridge will bifurcate where the LA 1 NB roadway and I-10 EB Exit Ramp roadway will be carried on separate bridge structures. The LA 1 NB Bridge and I-10 EB Exit Ramp Bridge will be approximately 2,700' and 354' long, respectively. Both LA 1 NB and LA 1 SB Bridges will consist of a 870' long haunched three span continuous steel plate girder main span unit over the ICWW and prestressed concrete LG girder approach spans. Mr. Weisman serves as the Lead Engineer for this project.
09/17 – 05/19	LA 16 over Tangipahoa River, Tangipahoa Parish, LA | LADOTD M&M developed all necessary topographic surveys, preliminary and final plans for this bridge replacement project on LA 16, between LA 51 and LA 1054, in Amite City, LA. This project included reconstruction of the approach slabs and roadway on the east and west sides of the bridge. It was anticipated that traffic shall be maintained during construction with an on-site diversion roadway and bridge. The plans were prepared in accordance with AASHTO LRFD Bridge Design Specifications and the Bridge Design and Evaluation Manual (BDEM), DOTD 2017 Design Guidelines, DOTD 2016 Standard Specifications for Roads and Bridges, DOTD Road Design Manual, and DOTD Hydraulics Manual. QA/QC was provided in accordance with Part 1, Chapter 3 of BDEM. Construction Related Engineering Support was provided and is currently on-going. Mr. Weisman serves as the Lead Engineer for this project.
09/17 – 01/20	US 61 at Thompson Creek, West Feliciana Parish, LA | LADOTD M&M provided all necessary preliminary and final plans for the rehabilitation of the northbound bridge and replacement of the southbound bridge on US 61 over Thompson Creek, between LA 10 and LA 964, near St. Francisville, LA. It was anticipated that traffic would be maintained during the construction of the new southbound bridge with temporary two-way traffic on the rehabilitated northbound bridge. The project also included the design and detailing of adding a helper bent to the northbound bridge. The plans were prepared in accordance with AASHTO LRFD Bridge Design Specifications and the Bridge Design and Evaluation Manual (BDEM), DOTD 2017 Design Guidelines, DOTD 2016 Standard Specifications for Roads and Bridges, DOTD Road Design Manual, and DOTD Hydraulics Manual. QA/QC was provided in accordance with Part 1, Chapter 3 of BDEM. Construction Related Engineering Support was provided and is currently on-going. Mr. Weisman serves as the Lead Engineer for this project.

16. STAFF EXPERIENCE

09/17 – 02/20	LA 1064 at Little Natalbany River, Livingston Parish, LA | LADOTD M&M developed all necessary topographic surveys, preliminary and final plans for this bridge replacement project on LA 1064, near LA 43 and Hoover Road, in Albany, LA. This project included reconstruction of the approach slabs and roadway on the east and west sides of the bridge. It was anticipated that the roadway would be closed during construction and a detour route was detailed. The plans were prepared in accordance with AASHTO LRFD Bridge Design Specifications and the Bridge Design and Evaluation Manual (BDEM), DOTD 2017 Design Guidelines, DOTD 2016 Standard Specifications for Roads and Bridges, DOTD Road Design Manual, DOTD Hydraulics Manual, and DOTD Location and Survey Manual. QA/QC was provided in accordance with Part 1, Chapter 3 of BDEM. Construction Related Engineering Support was also provided. Mr. Weisman serves as the Lead Engineer for this project.
10/14-06/16	S.P. 700-18-0014 Huey P. Long Bridge Widening at New Orleans, LA | LADOTD This Project widens the existing bridge roadways through the widening of river piers using conventional and post-tension concrete, two new truss lines and 43' roadways to replace existing 18' roadways. The Project construction cost is $1.2B. This Project was a major complex design involving adding truss lines while maintaining existing traffic. Mr. Weisman helped produce ratings for the widened structure for a variety of vehicle types, performed gusset plate analysis and helped in the creation of the project report.
03/11-09/14	I-74 Mississippi River Bridge Arch. Bettendorf, IA | Iowa and Illinois DOTs The I-74 corridor in the Quad Cities is approximately seven miles long and crosses the Mississippi River between Bettendorf, Iowa and Moline, Illinois. Twin, 800' span basket handle true arch bridges are being constructed to replace the existing crossing. M&M, as part of the Alfred Benesch team, designed the twin arch superstructures. Mr. Weisman assisted in the design of the variable depth plate girder floorbeams and analyzed preliminary erection schemes for the basket handle arch superstructure. He also calculated quantities for cost estimation and checked calculations for the pedestrian railings.

16. STAFF EXPERIENCE

Firm employed by **Modjeski and Masters, Inc.**					
Name	**Stacey P. Carr, PE**		Years of relevant experience with this employer		33
Title	Project Manager - Structures		Years of relevant experience with other employer(s)		1
Degree(s) / Years / Specialization			MS 2004 Structural BS 1990 Civil		
Active registration number / state / expiration date			26796 LA 9/30/2024		
Year registered	1996	Discipline	Civil		

Contract role(s) / brief description of responsibilities:

Ms. Carr has extensive experience in the rating, strengthening and design of highway, railroad, and combined highway/railroad structures, including large cantilever spans and movable bridges. Ms. Carr has overseen the gamut for rating bridges from small concrete slab spans to complex steel structures, movable bridges and gusset plates, as featured below. She is well experienced with AASHTOWare Bridge Rate (BrR) and is knowledgeable of both LFR and LRFR rating requirements. Special Training: NHI Course No. 130092, Fundamentals of LRFR and Applications of LRFR for Bridge Superstructures.

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 years of experience specified in the applicable MPR(s).*
02/23 – Ongoing	**H.009859.5 Load Rating of 160 Bridges. Statewide, LA | LADOTD** Modjeski and Masters, Inc. is performing plan and document retrieval, bridge inspection and analysis, and load and resistance factor rating of complex bridge structures, including large cantilever trusses, vertical lifts and swing spans. Gusset, truss, floorsystem and substructure components are being rated. Bridge inspections focus on gusset plates and existing member conditions for rating. AASHTOWare BrR is being used for the ratings, which follow the AASHTO Manual for Bridge Evaluation, the LADOTD Policies and Guidelines for Bridge Rating and Evaluation, and LADOTD Bridge Design and Evaluation Manual. Ms. Carr is the Project Manager who oversees and performs primary QA/QC for the load rating of the bridges.
11/19 – 06/21	**H.009859.5: Load Rating of Fourteen Complex Bridges | LADOTD** Modjeski and Masters, Inc. is performing plan and document retrieval, bridge inspection (as needed), analysis and load rating, sampling/instrumentation and non-destructive testing (as needed), and plan production (as needed) for 14 complex bridges. The bridge types include swing spans, bascule spans, truss spans and curved steel spans. For the analysis and load rating task, M&M is generating a system structural model and performing an analysis of each bridge to determine dead and live load forces in the members. For the bridge superstructures, AASHTOWare BrR software is being used. All load rating analysis will follow current AASHTO Manual for Bridge Evaluation, LADOTD Bridge Design and Evaluation Manual and AASHTO LRFD Bridge Design Specifications. Ms. Carr was the Project Manager who oversaw and performed primary QA/QC for the load rating of the bridges.
03/21 – 09/21	**H.009859.5 Two Bridges Load Rating. Caddo and St. Tammany Parishes, Louisiana | LADOTD** Modjeski and Masters, Inc. performed plan and document retrieval, bridge analysis, and load and resistance factor rating of two bridge structures. AASHTOWare BrR was used for the ratings, which follow the AASHTO Manual for Bridge Evaluation, the LADOTD Policies and Guidelines for Bridge Rating and Evaluation, and LADOTD Bridge Design and Evaluation Manual. Ms. Carr was the Project Manager who oversaw and performs primary QA/QC for the load rating of the bridges.
07/19 – 05/21	**H.012485.1: Load Rating of 354 Off System Bridges | LADOTD** Modjeski and Masters, Inc. performed plan and document retrieval, bridge inspection (as needed), analysis and load rating, sampling/instrumentation and non-destructive testing (as needed), and plan production (as needed) for 354 off system bridges including prestressed concrete, reinforced concrete and steel plate girder bridges. For the analysis and load rating task, M&M generated a system structural model and performing an analysis of each bridge to determine dead and live load forces in the members. For the bridge superstructures, AASHTOWare BrR software was used. For the complex bridges, a three-dimensional structural model was needed. All load rating analysis followed current AASHTO Manual for Bridge Evaluation, LADOTD Bridge Design and Evaluation Manual and AASHTO LRFD Bridge Design Specifications. Ms. Carr was the Project Manager who oversaw and performed primary QA/QC for the load rating of the bridges.

16. STAFF EXPERIENCE

07/19 – 06/21	**H.000303.6: Danziger Bridge Repair and Rating | LADOTD** Modjeski and Masters, Inc. performed repair and load rating services for the Danziger Bridge, a steel vertical lift structure with a steel girder superstructure supported by reinforced concrete piers, and the flanking prestressed concrete approach structures. AASHTOWare Bridge Rating BrR software was used to perform load rating based on the present condition, capacity and loading of the bridge. All load rating analysis followed current AASHTO Manual for Bridge Evaluation, LADOTD Bridge Design and Evaluation Manual and AASHTO LRFD Bridge Design Specifications. Ms. Carr was the Project Manager who oversaw and performed primary QA/QC for the load rating.
1/17 - 08/18	**H.009859.5: Nineteen Complex Bridge Load Rating and Evaluation. Louisiana | LADOTD** Modjeski and Masters, Inc. performed plan and document retrieval, bridge inspection and analysis, and load and resistance factor rating of complex bridge structures, mainly movable bridges. Gusset, truss, floorsystem and substructure components were rated. Bridge inspections focused on gusset plates and existing member conditions for rating. AASHTOWare BrR is being used for the ratings, which follow current AASHTO Manual for Bridge Evaluation, the LADOTD Policies and Guidelines for Bridge Rating and Evaluation, and LADOTD Bridge Design and Evaluation Manual. Ms. Carr was the Project Manager who oversees and performs primary QA/QC for the load rating of the bridges.
02/16 - 10/17	**H.009859.5: Ten Truss Bridges Load Rating and Evaluation. Louisiana | LADOTD** Modjeski and Masters, Inc. performed plan and document retrieval, bridge inspection and analysis, and load and resistance factor rating of complex bridge structures, including large cantilever trusses, vertical lifts and swing spans. Gusset, truss, floorsystem and substructure components were rated. Bridge inspections focused on gusset plates and existing member conditions for rating. AASHTOWare BrR was used for the ratings, which follow the AASHTO Manual for Bridge Evaluation, the LADOTD Policies and Guidelines for Bridge Rating and Evaluation, and LADOTD Bridge Design and Evaluation Manual. Ms. Carr was Project Manager who oversaw and performed primary QA/QC for the load rating of the bridges.
09/14-12/16	**H.009859.5 (A): Rating and Posting of On-System State Bridges. Louisiana | LADOTD** M&M performed load rating analyses for 110 existing bridge structures using the Load and Resistance Factor Rating Method. Elements to be rated include superstructure and substructure components. Provisions in the AASHTO Manual for Bridge Evaluation as well as LADOTD Policies and Guidelines for Bridge Rating and Evaluation were followed. Ms. Carr was group leader, oversaw, and performed primary QA/QC for the load rating of the structures which included reinforced concrete, prestressed concrete and steel plate girder bridges.
02/13-02/15	**H.009859.5: Crescent City Connection, Bridge No. 1, New Orleans, LA | LADOTD** M&M performed an inspection and LRFR load rating of the Greater New Orleans Bridge #1, a 13,428 foot truss bridge with a main span of 1,575 feet. The rating included the superstructure, including gusset plates and deck, and selected substructure elements. Ms. Carr oversaw and performed primary QA/QC for the load rating of the bridge.
04/10-12/12	**T.O. 701-65-1460 & H.005710: US 190 Miss. River Bridge, Baton Rouge, LA | LADOTD** The US 190 Mississippi River Bridge carries one railroad track between the main bridge trusses and has two-lane highways brackets either side of the main cantilever truss bridge. This Task Order and Supplements were for the rating of the railroad portions per AREMA requirements and rating of the vehicular portions per AASHTO LRFR requirements. Ms. Carr oversaw and participated in the rating of the bridge.

16. STAFF EXPERIENCE

Firm employed by **Modjeski and Masters, Inc.**					
Name	**Jason W. Miles, PE**		Years of relevant experience with this employer		15
Title	Project Manager - Structures		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization			BS 2008 Civil		
Active registration number / state / expiration date			37773 LA 09/30/2025		
Year registered	2013	Discipline	Civil		

Contract role(s) / brief description of responsibilities:

Mr. Miles has been employed as a Design Engineer in the New Orleans office of Modjeski and Masters, Inc. since 2009. During this period, he has been engaged in multiple complex projects. The majority of his time has been spent in complex structural analysis, 3-D structural modeling, steel member shop drawing review, assessment of steel fabricator quality control reports, and in performing finite element analysis using both the LUSAS and Florida Pier programs. Mr. Miles attended the AASHTOWare Bridge Rate (BrR) meeting titled "AASHTOWare Bridge Design and Rating Software User Group Meeting" in August 2014 and 2016. He also completed NHI Course No. 130092, Fundamentals of LRFR and Applications of LRFR for Bridge Superstructures and NHI Course No. 130081, LRFD for Highway Bridge Superstructures. Mr. Miles also has experience with finite element analysis, in particular through the use of Lusas software to check AASHTOWare BrR results.

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 years of experience specified in the applicable MPR(s).
02/23 – Ongoing	**H.009859.5 Load Rating of 160 Bridges. Statewide, LA | LADOTD** Modjeski and Masters, Inc. is performing plan and document retrieval, bridge inspection and analysis, and load and resistance factor rating of complex bridge structures, including large cantilever trusses, vertical lifts and swing spans. Gusset, truss, floorsystem and substructure components are being rated. Bridge inspections focus on gusset plates and existing member conditions for rating. AASHTOWare BrR is being used for the ratings, which follow the AASHTO Manual for Bridge Evaluation, the LADOTD Policies and Guidelines for Bridge Rating and Evaluation, and LADOTD Bridge Design and Evaluation Manual. Mr. Miles provides technical guidance to bridge raters involved in a variety of bridge types, including steel trusses and movable spans. Ratings are being performed using AASHTOWare BrR with refinements done in Excel when needed. Mr. Miles is also performing general QA/QC and rating report review.
06/20 - Ongoing	**H.010603.6 I-20 Mississippi River Bridge at Vicksburg Monitoring | LADOTD** Piers E-2 and E-1 of the I-20 Bridge in Vicksburg have been experiencing movements and have been under a monitoring program since 2002. The objective of this project is to capture both longitudinal and transverse displacements and tilts of the piers and provide system redundancy through the installation of jointmeter/tiltmeters and GPS instrumentation systems. Replacement vibrating wire jointmeters will be installed at five locations to determine the magnitudes of displacement over time. Replacement biaxial tiltmeters will be installed at four locations to determine the changes in tilt occurring over time at the bridge piers. All measurements will be reported wirelessly to a data logger connected to a cellular modem. Mr. Miles serves as the project manager and will be analyzing and monitoring data to provide advance warning of pier and bridge longitudinal movement and pier tilt.
03/21 - 10/21	**H.009859.5 I-210 Bridge over Prien Lake Structural Rating, Calcasieu Parish | LADOTD** Modjeski and Masters, Inc. performed the as-is/as-repaired Load and Resistance Factor Rating (LRFR) of Prien Lake Eastbound and Westbound Main Bridge and Approaches for a total length of over 17,000 feet. Analysis included LUSAS FEM models, AASHTOWare BrR models of continuous span girders and ratable superstructure components, analysis of girder splices for rating and use of the AISC moment Gradient Modified Cb as needed. The "Girder System Superstructure" definition was used for the girder spans, and the "Floor System Superstructure" definition was used to model the continuous stringer units and floorbeams without crossframes. The steel plate girders were modeled separately from the multi-span continuous stringer floor system because of the pin and hanger arrangements. All BrR-models utilized a line girder analysis. Design and legal load capacity ratings were calculated for the girders and link joint connections of the steel plate girder spans, and for the caps of the pile bents. Ratings for the superstructure and substructure were calculated using Load and Resistance Factor Rating (LRFR) methodology. Mr. Miles provided QA/QC, including calculation checking and report review

16. STAFF EXPERIENCE

11/19 – 05/21	**H.009859.5: Load Rating of Fourteen Complex Bridges | LADOTD** Modjeski and Masters, Inc. is performing plan and document retrieval, bridge inspection (as needed), analysis and load rating, sampling/instrumentation and non-destructive testing (as needed), and plan production (as needed) for 14 complex bridges. The bridge types include swing spans, bascule spans, truss spans and curved steel spans. For the analysis and load rating task, M&M is generating a system structural model and performing an analysis of each bridge to determine dead and live load forces in the members. For the bridge superstructures, AASHTOWare BrR software is being used. For the complex bridges, a three-dimensional structural model is needed. M&M is also developing influence lines and COMPSTIL2 input files for complex substructures including hammerheads and inverted-T pier caps. All load rating analysis will follow current AASHTO Manual for Bridge Evaluation, LADOTD Bridge Design and Evaluation Manual and AASHTO LRFD Bridge Design Specifications. Mr. Miles operated as a co-manager overseeing the technical aspects of the complex bridge ratings. Mr. Miles provided QA/QC, including calculation checking and report review.
07/19 – 05/21	**H.000303.6: Danziger Bridge Repair and Rating | LADOTD** Modjeski and Masters, Inc. performed repair and load rating services for the Danziger Bridge, a steel vertical lift structure with a steel girder superstructure supported by reinforced concrete piers, and the flanking prestressed concrete approach structures. AASHTOWare Bridge Rating BrR software was used to perform load rating based on the present condition, capacity and loading of the bridge. All load rating analysis followed current AASHTO Manual for Bridge Evaluation, LADOTD Bridge Design and Evaluation Manual and AASHTO LRFD Bridge Design Specifications. Mr. Miles performed analysis of the span using a 3D FEM model in LUSAS. Analysis included investigating thermal gradient effects, validating data from bridge monitoring systems, and an LRFR load rating.
07/19 – 04/21	**H.012485.1: Load Rating of 354 Off System Bridges | LADOTD** Modjeski and Masters, Inc. performed plan and document retrieval, bridge inspection (as needed), analysis and load rating, sampling/instrumentation and non-destructive testing (as needed), and plan production (as needed) for 354 off system bridges including prestressed concrete, reinforced concrete and steel plate girder bridges. For the analysis and load rating task, M&M generated a system structural model and performing an analysis of each bridge to determine dead and live load forces in the members. For the bridge superstructures, AASHTOWare BrR software was used. For the complex bridges, a three-dimensional structural model was needed. All load rating analysis followed current AASHTO Manual for Bridge Evaluation, LADOTD Bridge Design and Evaluation Manual and AASHTO LRFD Bridge Design Specifications. Mr. Miles provided technical guidance to bridge raters involved in a variety of bridge types, including slab spans, prestressed girder spans, and grid deck on steel beam spans. Mr. Miles provided specific guidance on ratings of timber substructure elements. Ratings were performed using AASHTOWare BrR with refinements done in Excel when needed. Mr. Miles also performed general QA/QC and rating report review.
02/17-08/18	**H.009859.5: Nineteen Complex Bridge Load Rating and Evaluation. Louisiana | LADOTD** Modjeski and Masters, Inc. performed plan and document retrieval, bridge inspection and analysis, and load and resistance factor rating of complex bridge structures, mainly movable bridges. Gusset, truss, floorsystem and substructure components were rated. Bridge inspections focused on gusset plates and existing member conditions for rating. AASHTOWare BrR was used for the ratings, which follow current AASHTO Manual for Bridge Evaluation, the LADOTD Policies and Guidelines for Bridge Rating and Evaluation, and LADOTD Bridge Design and Evaluation Manual. Mr. Miles participated in the load rating analysis and reporting for this project.
03/16-10/17	**H.009859.5: Ten Truss Bridges Load Rating and Evaluation. Louisiana | LADOTD** Modjeski and Masters, Inc. performed plan and document retrieval, bridge inspection and analysis, and load and resistance factor rating of complex bridge structures, including large cantilever trusses, vertical lifts and swing spans. Gusset, truss, floorsystem and substructure components were rated. Bridge inspections focused on gusset plates and existing member conditions for rating. AASHTOWare BrR was used for the ratings, which followed the AASHTO Manual for Bridge Evaluation, the LADOTD Policies and Guidelines for Bridge Rating and Evaluation, and LADOTD Bridge Design and Evaluation Manual. Mr. Miles participated in the load rating analysis and reporting for this project.

16. STAFF EXPERIENCE

Firm employed by **Modjeski and Masters, Inc.**					
Name	**Mott J. Holt, PE**		Years of relevant experience with this employer		7
Title	Engineer - Structures		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization			BS 2016 Civil		
Active registration number / state / expiration date			45908 LA 03/31/2026		
Year registered	2021	Discipline	Civil		
Contract role(s) / brief description of responsibilities: Mr. Holt has been employed in the New Orleans office of Modjeski and Masters, Inc. since January 2017. He is assigned to the firm's Structural Design Section and has been primarily involved in a variety of bridge rating projects, including large truss, movable, and cantilevered structures. He has also been involved in scour analysis projects to assess the structural stability of existing deep foundation caissons and piers located at large river crossings.					

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 years of experience specified in the applicable MPR(s).*
03/23 - Ongoing	**H.009859.5 Load Rating of 160 Bridges. Statewide, LA | LADOTD** Modjeski and Masters, Inc. is performing plan and document retrieval, bridge inspection and analysis, and load and resistance factor rating of complex bridge structures, including large cantilever trusses, vertical lifts and swing spans. Gusset, truss, floorsystem and substructure components are being rated. Bridge inspections focus on gusset plates and existing member conditions for rating. AASHTOWare BrR is being used for the ratings, which follow the AASHTO Manual for Bridge Evaluation, the LADOTD Policies and Guidelines for Bridge Rating and Evaluation, and LADOTD Bridge Design and Evaluation Manual. Mr. Holt is performing rating analysis of superstructure and substructure elements of various bridge types. Elements rated included cast-in-place concrete slabs, precast concrete panels, prestressed concrete girders, concrete bent caps, timber bent caps and timber piles. Mr. Holt utilizes AASHTOWare, AutoCAD, Excel and LEAP Bridge Concrete software in the ratings. Mr. Holt assists in project management and bridge assignments.
04/19 - 05/21	**H.009859.5: Load Rating of Fourteen Complex Bridges | LADOTD** Modjeski and Masters, Inc. is performing plan and document retrieval, bridge inspection (as needed), analysis and load rating, sampling/instrumentation and non-destructive testing (as needed), and plan production (as needed) for 14 complex bridges. The bridge types include swing spans, bascule spans, truss spans and curved steel spans. For the analysis and load rating task, M&M is generating a system structural model and performing an analysis of each bridge to determine dead and live load forces in the members. For the bridge superstructures, AASHTOWare BrR software is being used. All load rating analysis will follow current AASHTO Manual for Bridge Evaluation, LADOTD Bridge Design and Evaluation Manual and AASHTO LRFD Bridge Design Specifications. Mr. Holt performed rating analysis of superstructure elements of a steel swing truss bridge. Elements rated included main truss members, floorbeams, stringers, gussets and chord splices. Mr. Holt utilized AASHTOWare, AutoCAD, Excel and LUSAS software in the ratings. Mr. Holt utilized LUSAS software to model 3D load distribution effects resulting from a missing wedge support at one of the rest piers of the swing truss.
07/19 - 05/21	**H.000303.6: Danziger Bridge Repair and Rating | LADOTD** Modjeski and Masters, Inc. performed repair and load rating services for the Danziger Bridge, a steel vertical lift structure with a steel girder superstructure supported by reinforced concrete piers, and the flanking prestressed concrete approach structures. AASHTOWare Bridge Rating BrR software was used to perform load rating based on the present condition, capacity and loading of the bridge. All load rating analysis followed AASHTO Manual for Bridge Evaluation, LADOTD Bridge Design and Evaluation Manual and AASHTO LRFD Bridge Design Specifications. Mr. Holt performed rating analysis of superstructure and substructure elements of the approach spans. Elements rated included slab spans, prestressed concrete girders, and concrete bent caps. Mr. Holt utilized AASHTOWare, AutoCAD, Excel and LEAP Bridge Concrete software in the ratings.

16. STAFF EXPERIENCE

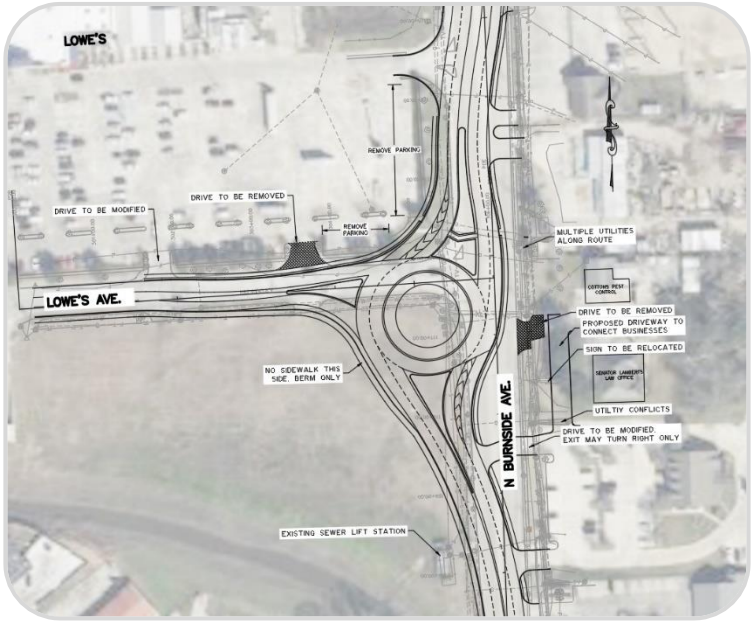
07/19 - 05/21	**H.012485.1: Load Rating of 354 Off System Bridges | LADOTD** Modjeski and Masters, Inc. performed plan and document retrieval, bridge inspection (as needed), analysis and load rating, sampling/ instrumentation and non-destructive testing (as needed), and plan production (as needed) for 354 off system bridges including prestressed concrete, reinforced concrete and steel plate girder bridges. For the analysis and load rating task, M&M generated a system structural model and performing an analysis of each bridge to determine dead and live load forces in the members. For the bridge superstructures, AASHTOWare BrR software was used. For the complex bridges, a three-dimensional structural model was needed. All load rating analysis will follow current AASHTO Manual for Bridge Evaluation, LADOTD Bridge Design and Evaluation Manual and AASHTO LRFD Bridge Design Specifications. Mr. Holt performed rating analysis of superstructure and substructure elements of various bridge types. Elements rated included cast-in-place concrete slabs, precast concrete panels, prestressed concrete girders, concrete bent caps, timber bent caps and timber piles. Mr. Holt utilized AASHTOWare, AutoCAD, Excel and LEAP Bridge Concrete software in the ratings. Mr. Holt assisted in project management and bridge assignments.
01/17 - 06/17	**H.009859.5: Nineteen Complex Bridge Load Rating and Evaluation. Louisiana | LADOTD** Modjeski and Masters, Inc. performed plan and document retrieval, bridge inspection and analysis, and load and resistance factor rating of complex bridge structures, mainly movable bridges. Gusset, truss, floorsystem and substructure components were rated. Bridge inspections focused on gusset plates and existing member conditions for rating. AASHTOWare BrR was used for the ratings, which follow current AASHTO Manual for Bridge Evaluation, the LADOTD Policies and Guidelines for Bridge Rating and Evaluation, and LADOTD Bridge Design and Evaluation Manual. Elements rated included concrete slab spans, concrete girders, steel girders, floorbeams, stringers and concrete bent caps. Mr. Holt utilized AASHTOWare, AutoCAD, Excel and LEAP Bridge Concrete software in the ratings. Mr. Holt also assisted in the analyzing and rating of makeshift field supports, which had been installed outside of the originally designed bearing locations of a swing span.
03/17 - 06/17	**H.009859.5: Ten Truss Bridges Load Rating and Evaluation. Louisiana | LADOTD** Modjeski and Masters, Inc. performed plan and document retrieval, bridge inspection and analysis, and load and resistance factor rating of complex bridge structures, including large cantilever trusses, vertical lifts and swing spans. Gusset, truss, floorsystem and substructure components were rated. Bridge inspections focused on gusset plates and existing member conditions for rating. AASHTOWare BrR was used for the ratings, which followed the AASHTO Manual for Bridge Evaluation, the LADOTD Policies and Guidelines for Bridge Rating and Evaluation, and LADOTD Bridge Design and Evaluation Manual. Mr. Holt performed rating analysis of superstructure elements of a steel cantilevered truss bridge and a steel vertical lift bridge. Elements rated included main truss members and floorbeams. Mr. Holt utilized AASHTOWare, AutoCAD and Excel software in the ratings.

17. FIRM EXPERIENCE

PROJECT NO. 1					
Firm name	**Meyer Engineers, Ltd.**		Past Performance Evaluation Discipline(s)*	**Road**	
Project name	**Lowes Avenue @ LA 44 Roundabout**		Firm responsibility (prime or sub?)	**Prime**	
Project number	**State Project No. H.015101**	Owner's name	**Ascension Parish Government**		
Project location	**Ascension Parish | LA DOTD DISTRICT 61**		Owner's Project Manager	**Mr. Daniel Helms, PE, PTOE, RSP$_{21}$**	
Owner's address, phone, email	**42077 Churchpoint Road, Gonzales, LA 70737; 225.450.1320; Daniel.helms@apgov.us**				
Services commenced by this firm (mm/yy)	**07/22**		Total consultant contract cost ($1,000's)	**$515**	
Services completed by this firm (mm/yy)	**07/24**		Cost of consultant services provided by this firm ($1,000's)	**$341**	

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 for the Lowes Avenue at LA 44 **Roundabout**. The scope of this project consists of the **design of a 3-legged roundabout** at the intersection of LA 44 and Lowes Avenue in Gonzales, Louisiana. The **roundabout design complies with the design guidelines specified in the LADOTD Road Design Manual**, AASHTO's A Policy on Geometric Design of Highway and Streets, and **other LADOTD required directives for roundabout design**.



Meyer is performing tasks including conceptual design, preliminary and final plans, drainage design, sequence of construction, permanent striping and signing, cross sections, quality control/quality assurance, cost estimates and meetings.

Meyer is coordinating topographic surveys, subsurface utility engineering (SUE), geotechnical investigations, right-of-way maps, environmental clearance, and lighting design.

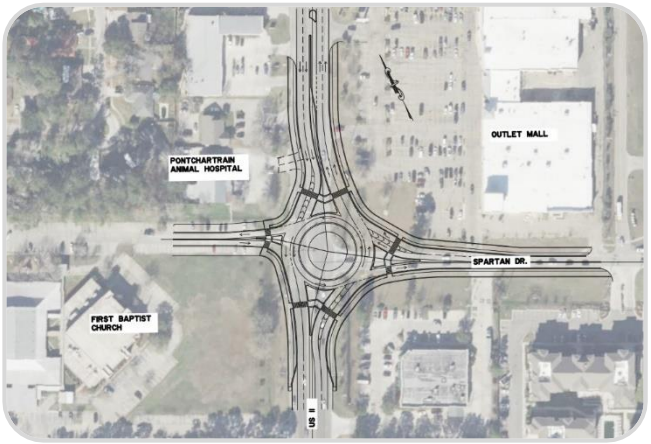
A design challenge occurred when laying out the roundabout, the original footprint would require property acquisition and relocation of several businesses. Meyer designed the revised layout with a shift in the roundabout to minimize effects to these businesses and **maintain driveway access**. The shift also reduced the amount of utilities to be relocated on the east side, which provided significant cost savings.

Construction Cost: $3.2M (EST)
Team Members: Donovan P. Duffy, P.E. | David H. Dupre, P.E. | Raymond G. Hartley, P.E. | Mark A. Schutt, P.E. | Tyler J. Gettys, P.E.
100% of the work for this project is performed in Louisiana.

17. FIRM EXPERIENCE

PROJECT NO. 2					
Firm name	**Meyer Engineers, Ltd.**		Past Performance Evaluation Discipline(s)*	**Road**	
Project name	**US 11 @ Spartan Drive Roundabout**		Firm responsibility (prime or sub?)	**Prime**	
Project number	**State Project No. H.014374**	Owner's name	**City of Slidell**		
Project location	**St. Tammany Parish | LA DOTD DISTRICT 62**		Owner's Project Manager	**Ms. Christi Lambertson**	
Owner's address, phone, email	**250 Bouscaren Street, Suite #302, Slidell, LA 70459; 985.646.4270; clambertson@cityofslidell.org**				
Services commenced by this firm (mm/yy)	**09/22**		Total consultant contract cost ($1,000's)	**$384**	
Services completed by this firm (mm/yy)	**06/24**		Cost of consultant services provided by this firm ($1,000's)	**$369**	

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 for the design, plan preparation, and construction administration for the US 11 at Spartan Drive **roundabout** project located in Slidell, LA in St. Tammany Parish. This LA DOTD Urban System project includes the **construction of a roundabout** to replace the existing 4-way signalized intersection. Meyer is tasked with **the roundabout design at the intersection as well as the full roadway reconstruction for the road approaches** on both US Highway 11 and Spartan Drive. The roundabout will also include a connection to Church Drive for First Baptist Church. Also included in this project is the drainage design and layout of new subsurface and roadside ditches. Meyer is coordinating with numerous consultants and agencies to complete the design process. Meyer is in coordination with the Owner, the City of Slidell, and LA DOTD to provide for a design meeting local and state guidelines for roundabouts. Additional coordination involves the Regional Planning Commission along with multiple subconsultants for topographic survey, geotechnical engineering, traffic engineering, and landscape design. Project specific design solutions are necessary to provide a design that meets local and state guidelines as well as improves user access and experience. These include:

- Minimizing the disruption and property acquisition to the properties immediately adjacent to the intersection.
- Improving motorist safety by removing unprotected left turns at properties near the intersection.
- Providing improved **access management** for adjacent commercial properties which are difficult to access with the existing 4-way intersection layout.
- Improving pedestrian access to the area by providing a concrete sidewalk through the intersection, providing a connection to the adjacent shopping center to the apartment complexes and school located on Spartan Drive.
- Designing a connection to a recently widened portion of US 11, completed in 2018.
- Designing streetlights to improve intersection safety.
- Beautifying the intersection with landscape elements and a brick wall in the roundabout center.

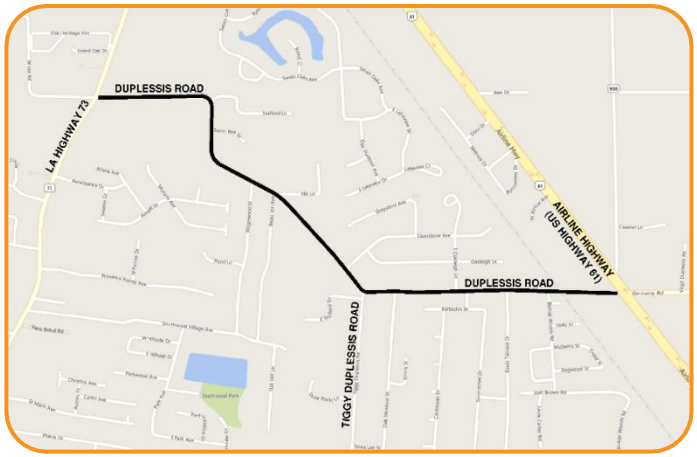
Meyer's tasks for this project include a conceptual design to confirm DOTD Traffic's requirements, the development of preliminary plans for the project in accordance with the Stage 0 Feasibility Study, the development of final plans conforming to all coordinated comments from the preliminary stage, the development of specifications and a cost estimate, the coordination with the surveyor for the preparation of right-of-way plans and necessary property acquisition, the coordination with the geotechnical engineer for roadway section pavement recommendations, and the coordination with the traffic engineer for traffic data. The design criteria for this project are in accordance with AASHTO, FHWA, and DOTD requirements.

Team Members: Donovan P. Duffy, P.E. | David H. Dupre, P.E. | Mark Schutt, P.E. | Raymond G. Hartley, P.E. | Tyler Gettys, P.E.
100% of the work for this project is performed in Louisiana.

17. FIRM EXPERIENCE

PROJECT NO. 3					
Firm name	**Meyer Engineers, Ltd.**		Past Performance Evaluation Discipline(s)*	**Road**	
Project name	**Duplessis Road Safety Widening**		Firm responsibility (prime or sub?)	**Prime**	
Project number	**H.013850**	Owner's name	**Ascension Parish**		
Project location	**East Baton Rouge Parish | LA DOTD DISTRICT 61**		Owner's Project Manager	**Mr. Daniel Helms, P.E.**	
Owner's address, phone, email	**42077 Churchpoint Road, Gonzales, LA 70737; (225)450-1326; Daniel.Helms@apgov.us**				
Services commenced by this firm (mm/yy)	**01/18**		Total consultant contract cost ($1,000's)	**$680**	
Services completed by this firm (mm/yy)	**On-Going**		Cost of consultant services provided by this firm ($1,000's)	**$375**	

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 for the design, plan preparation and construction administration for the Duplessis Road Safety Widening project. Duplessis Road is categorized as an Urban Collector Roadway that provides a connection between major LADOTD roads: Airline Highway (US Highway 61) and Old Jefferson Highway (LA Highway 73). As a 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. Meyer is coordinating with numerous consultants and agencies in order to complete the design process. Meyer is in constant coordination with the Move Ascension Program Management Provider, HNTB Corporation, and the Owner, Ascension Parish, in order to provide for a design that reflects the standards for the program and to provide for project specific solutions for Duplessis Road including:

- Minimizing the disruption to the properties along the roadway, including curtailing the effect of the widening near a cemetery.
- Realigning a dangerous curve to allow for a safer roadway layout and improve traffic maintenance.
- Improving the safety of a major intersection at Tiggy Duplessis Road.
- Designing the connection to the widened portion of Duplessis Road near the construction of a major commercial property along Airline Highway.
- Adding a multi-use path.

Meyer's tasks for this project include the development of preliminary plans for the project in accordance with the Master GEC Contract, the development of final plans conforming to all coordinated comments from the preliminary stage, the development of specifications and a cost estimate, the coordination with the surveyor for the preparation of right-of-way plans and necessary property acquisition. Meyer also conducted a public meeting. **The design criteria for this project is in accordance with AASHTO, FHWA, and DOTD requirements.**

Team Members: Donovan P. Duffy, P.E. | David H. Dupre, P.E. | Tyler J. Gettys, P.E.
100% of the work for this project is performed in Louisiana.

17. FIRM EXPERIENCE

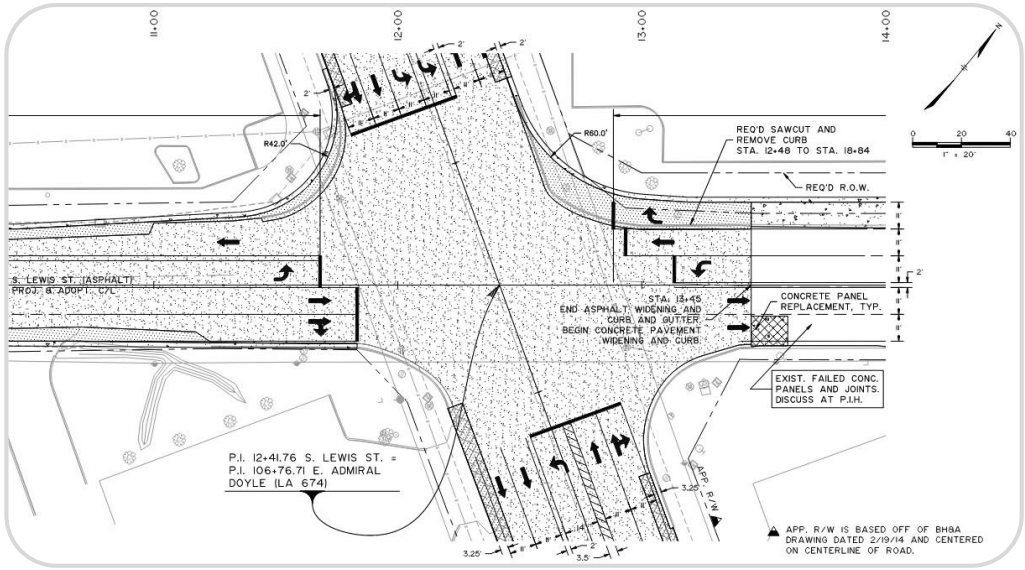
PROJECT NO. 4					
Firm name	**Meyer Engineers, Ltd.**		Past Performance Evaluation Discipline(s)*	**Road**	
Project name	**S. Lewis Street Widening**		Firm responsibility (prime or sub?)	**Prime**	
Project number	**State Project No. H.013522**	Owner's name	**Department of Transportation and Development**		
Project location	**Iberia Parish**		Owner's Project Manager	**Mr. Ryan Richard**	
Owner's address, phone, email	**P.O. Box 94245, Baton Rouge, LA 70804; 225.379.1041; Ryan.Richard@LA.GOV**				
Services commenced by this firm (mm/yy)	**05/22**		Total consultant contract cost ($1,000's)	**$341**	
Services completed by this firm (mm/yy)	**On-Going**		Cost of consultant services provided by this firm ($1,000's)	**$258**	

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

Meyer Engineers, Ltd. (Meyer) is currently designing the Preliminary Plans for the S. Lewis Street Widening project in New Iberia. This DOTD Urban Systems The project includes **widening 2,700' of highway to add left and right turn lanes**.

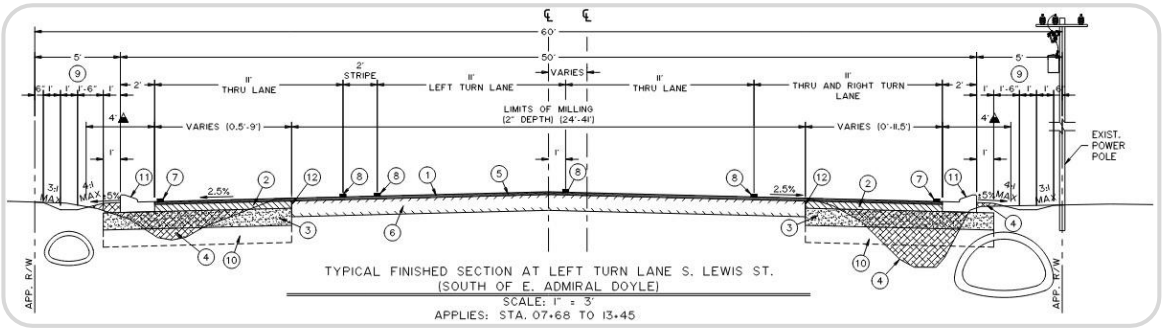
The project consists of **asphaltic concrete pavement widening** of 1,200' along S. Lewis Street and 900' along LA 674. The project also includes concrete pavement widening of 600' on S. Lewis Street. Additional items include **subsurface drainage**, base course, paved shoulders, mill and overlay, **driveway replacements**, striping, utility relocations, and traffic signals. Meyer is developing typical sections, plan and profile sheets, design drainage map, geometric details, pavement markings, signing layout, construction signing and sequence of construction, temporary erosion control plan, and cross sections as part of the plan set.

This project also includes right-of-way acquisition along S. Lewis Street. Meyer is developing right-of-way requirements and reviewing right-of-way maps, real estate appraisals, and title reports.



Team Members:
Donovan P. Duffy, P.E. | David H. Dupre, P.E.
Mark A. Schutt, P.E. | Tyler J. Gettys, P.E. | Alex C. Bienvenu, P.E.

100% of the work for this project was performed in Louisiana.



meyer ENGINEERS + ARCHITECTS | a company of thompson HOLDINGS

17. FIRM EXPERIENCE

PROJECT NO. 5					
Firm name	**Meyer Engineers, Ltd.**		Past Performance Evaluation Discipline(s)*	**Road**	
Project name	**LA 431 @ LA 934 Intersection Improvements**		Firm responsibility (prime or sub?)	**Prime**	
Project number	**State Project No. H.007855**	Owner's name	**Department of Transportation and Development (DOTD)**		
Project location	**Ascension Parish | LA DOTD DISTRICT 61**		Owner's Project Manager	**Patrick Toney**	
Owner's address, phone, email	**P.O. Box 94245, Baton Rouge, LA 70804; 225.379.1041; Patrick.Toney@LA.GOV**				
Services commenced by this firm (mm/yy)	**02/14**		Total consultant contract cost ($1,000's)	**$513**	
Services completed by this firm (mm/yy)	**06/17**		Cost of consultant services provided by this firm ($1,000's)	**$368**	

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

Meyer Engineers, Ltd. (Meyer) completed the Preliminary and Final Plans for the LA 431 at LA 934 (Gold Place Road) **Intersection Improvement** project in Ascension Parish. This DOTD Urban System Project included **widening 1,800' of highway to add left and right turn lanes**. The project consisted of asphaltic concrete pavement widening of 1,800' along LA 431 and 400' along LA 934. Additional it ems included **subsurface drainage at the intersection**, roadside drainage, base course, paved shoulders, mill and overlay, driveway replacements, striping, utility relocations and traffic signals. Meyer developed typical sections, plan and profile sheets, design drainage map, geometric details, pavement markings, signing layout, construction signing and sequencing of construction, temporary erosion control plan, and cross sections as part of the plan set.

The project also included **right-of-way** acquisition along LA 431 and LA 934. Meyer developed right-of-way requirements and reviewed right-of-way maps, real estate appraisals, and title reports.

To accommodate the required amount of right-of-way per the DOTD design guidelines which would have severely impacted some businesses and would have caused their relocation. Meyer changed the design section in this area to subsurface drainage, which would fit within the existing right-of-way, thereby eliminating the need to relocate these business.

DOTD's Project Manager, Patrick Toney, stated "Meyer Engineers, Ltd. developed Final Plans that stayed on schedule and budget". "The consultant also did a great job of coordinating multiple consultants."

Construction Cost: $1.5M

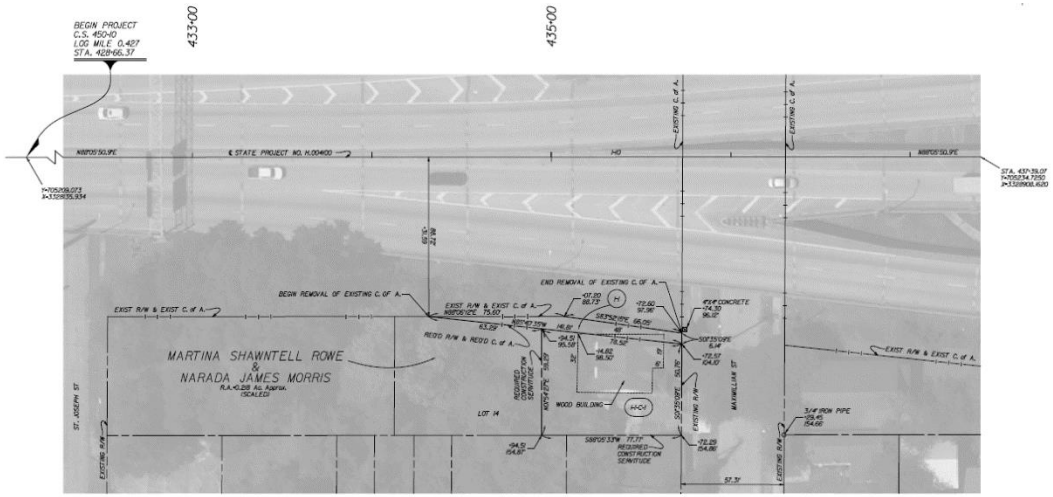
Team Members:
Donovan P. Duffy, P.E. | David H. Dupre, P.E. | Jitendra C. Shah, P.E.

100% of the work for this project was performed in Louisiana.

17. FIRM EXPERIENCE

PROJECT NO. 6					
Firm Name	SJB Group, L.L.C.	Past Performance Evaluation Discipline(s)		Survey, Right-of-Way, Other (SUE)	
Project Name	I-10: LA 415 to Essen on I-10 and I-12		Firm Responsibility (Prime/Sub)	Prime	
Project Number	H.004100		Owner's Name	LA Department of Transportation and Development	
Project Location	East Baton Rouge Parish		Owner's Project Manager	Mark Hughes	
Owner's Address | Phone No. | Email	1201 Capitol Access Road, Baton Rouge, LA 70802 | 225.379.1206 | Mark.Hughes@la.gov				
Services Commenced by This Firm	7/21	Total consultant contract cost ($1,000's)		$254	
Services Completed by this firm	10/23	Cost of Consultant services provided by this firm ($1,000's)		$254	

Firm's Role and Responsibilities:
Property Survey, Topographic Survey, Right-of-Way Mapping



Project Description: SJB Group performed the Property Surveying, Boundary Surveying, and Right-of-Way Mapping along a 4.4-mile stretch of Interstate extending from LA 415 to Essen Lane in East Baton Rouge Parish for the Louisiana Department of Transportation and Development's widening project.

This project included a limited Topographic Survey to supplement and verify previous Topographic Surveys of the I-10 and I-12 corridor. Under the current IDIQ contract and task orders, SJB Group performed additional Property Surveys of specific areas designated by the project design team.
This project required extensive title research to acquire the necessary existing surveys and deeds (in addition to the substantial amount of review of the title research reports supplied to SJB by LADOTD). It also required field surveying and mapping of in excess of one hundred parcels along the project corridor, which range in size from small urban residential lots to large commercial tracts. This project corridor also encompasses existing drainage servitudes, a railroad right-of-way, and numerous side streets in the heart of Baton Rouge, all which SJB Group surveyed and mapped.

The deliverables included preparation of property map, Base Right-of-Way Maps, Final Right-of-Way maps, MicroStation drawing files, right-of-way map sets, and the preparation of a parcel input file of the acquisition parcels. All surveying was performed to LADOTD Location & Survey Section requirements.

Highlighted Team Members: Matthew Estopinal, PE, PLS | C. Tim Brewer, RF, PS, PLS, RPLS, RPP | Colby Mire, PLS | Tyler Foster | Elvis Nguyen | J. Duke Koontz

17. FIRM EXPERIENCE

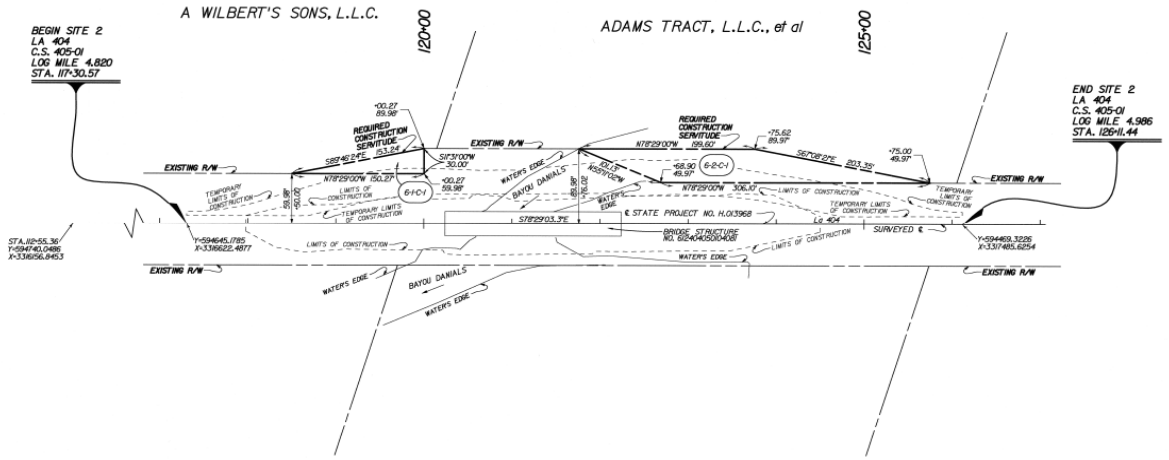
PROJECT NO. 7					
Firm Name	SJB Group, L.L.C.	Past Performance Evaluation Discipline(s)		Survey, Right-of-Way	
Project Name	Rural Bridge Replacement Initiative		Firm Responsibility (Prime/Sub)	Sub to Burk-Kleinpeter	
Project Number	LA DOTD State Contract No. 44-17597		Owner's Name	Burk-Kleinpeter	
Project Location	Districts 03, 07, 61, and 62		Owner's Project Manager	Rene Chopin	
Owner's Address | Phone No. | Email	4176 Canal Street, New Orleans, LA 70119 | (504) 486-5901 | rchopin@bkiusa.com				
Services Commenced by This Firm	8/20	Total consultant contract cost ($1,000's)		$3,638	
Services Completed by this firm	9/23	Cost of Consultant services provided by this firm ($1,000's)		$1,257	

Firm's Role and Responsibilities: Right-of-Way Mapping, Property Survey, Topographic Survey, Roadway Design

Project Description: SJB Group performed Topographic Surveying, Property Surveying, Right-of-Way Mapping, and Roadway Design of 33 bridge replacements for Districts 03, 07, 61, and 62 as a sub-consultant to Burk-Kleinpeter within their contract with the Louisiana Department of Transportation (LA DOTD).
The Topographic Survey was completed in accordance with all principles and objectives set forth in the latest version of the LA DOTD Location and Survey Manual. A complete topographic survey of the project corridor for each site included a complete inventory for each drainage structure (type, size, length, and invert), and includes cross sections of all drainage ways.

Property Surveys were performed for all potentially affected properties within the project corridor. Right-of-Way Mapping was also performed for each roadway Along the project corridor.

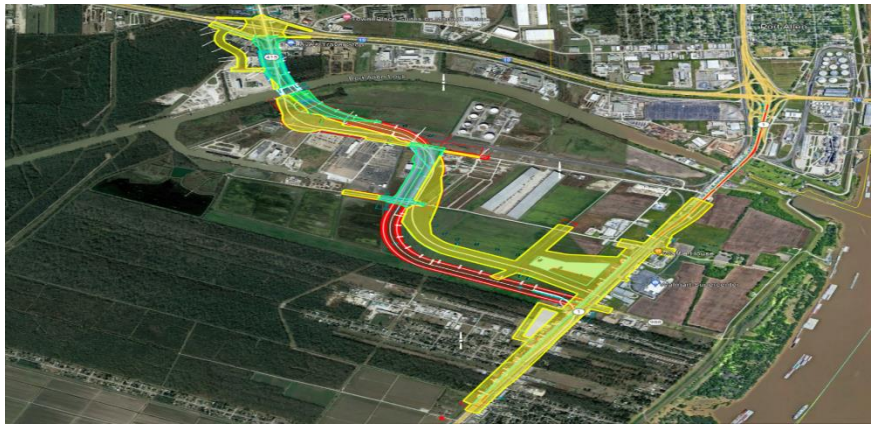
The project consisted of the creation of Base Right-of-Way Maps, Final Right-of-Way Maps, and parcel input files for all acquisition. All surveying tasks were completed in accordance with the principles and objectives set forth in the latest version of the LA DOTD Location and Survey Manual and other applicable guidelines.



Highlighted Team Members:
Matthew Estopinal, PE, PLS
C. Tim Brewer, RF, PS, PLS, RPLS, RPP
Colby Mire, PLS
Tyler Foster
Elvis Nguyen
J. Duke Koontz

17. FIRM EXPERIENCE

PROJECT NO. 8					
Firm Name	SJB Group, L.L.C.	Past Performance Evaluation Discipline(s)		Survey	
Project Name	LA 415 to LA 1		Firm Responsibility (Prime/Sub)	Prime	
Project Number	LA DOTD Project No. H.005121.5		Owner's Name	LA DOTD	
Project Location	West Baton Rouge Parish		Owner's Project Manager	Barrett Smith	
Owner's Address | Phone No. | Email	1201 Capitol Access Road, Baton Rouge, LA 70802 | (225) 379-1101				
Services Commenced by This Firm	10/23	Total consultant contract cost ($1,000's)		$1,117.7	
Services Completed by this firm	Ongoing	Cost of Consultant services provided by this firm ($1,000's)		$1,117.7	



Firm's Role and Responsibilities: Topographic Survey

Project Description: This project is in West Baton Rouge Parish, Louisiana, approximately 0.2 miles north of the intersection of I-10 and LA 415. SJB Group was tasked through Retainer Contract No. 44-17711 to provide surveying services.

The project provides field data for the design of a roadway to connect LA 415 to LA 1. The project is a supplement to previously performed surveying for the realignment of the due to recent development and construction. The project limits include a 2.9-mile corridor beginning approximately 0.2 miles north of the intersection of I-10 and LA 415 and continuing in a southeasterly direction along the extension of LA 415 across the intercoastal canal, industrial areas, and agriculture field to the intersection of LA . The project limits also include an approximate 1.8-mile corridor along LA 1 that extends from the roadway into residential, commercial, and retail areas.

The project includes the collection of current conditions of the areas included in the project limits and merging the current data with the previous survey and update any condition changes. The project includes the recovery and supplement of the existing control network.

The collection of field data is being accomplished by the utilization of conventional survey methods with survey total stations and global positioning systems (GPS). Mobile LiDaR methods are utilized for the collection of data along the high traffic segments of LA 1 and processed through Trimble Business Center, with data extraction performed through TopoDot. The survey is being conducted according to the Louisiana Department of Transportation and Development Location and Survey Manual. The deliverables will be provided in accordance with the LADOTD guidelines for electronic deliverables.

Highlighted Team Members: Matthew Estopinal, PE, PLS | C. Tim Brewer, RF, PS, PLS, RPLS, RPP | Colby Mire, PLS | Elvis Nguyen | J. Duke Koontz

17. FIRM EXPERIENCE

Project No. 9					
Firm name	**APS Engineering and Testing, LLC**		Past Performance Evaluation Discipline(s)*	**** Geotech**	
Project name	**I-10 Widening LA 415 to Essen LN**		Firm responsibility (prime or sub?)	**Sub**	
Project number	**H.004100**	Owner's name	**DOTD**		
Project location	**Baton Rouge, LA (East Baton Rouge Parish)**		Owner's Project Manager	**Kristy Smith, P.E.**	
Owner's address, phone, email	**1201 Capital Access Rd., Baton Rouge, LA 70802-4438/ 225-379-1016/ kristy.smith2@la.gov**				
Services commenced by this firm (mm/yy)	**09/19**		Total consultant contract cost ($1,000's)	**N/A**	
Services completed by this firm (mm/yy)	**09/24**		Cost of consultant services provided by this firm ($1,000's)	**$400K**	

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

SCOPE

Geotechnical investigation to provide the client with necessary information for the planning and design of I-10 widening. A P S drilled and sampled a total of 52 deep borings beginning at the Washington Exit and ending at the LSU lakes. Along with drilling and sampling, A P S tested for strength and engineering characteristics of the soils. The testing program included visual classification, determination of water (moisture) content, ash content, organic material of peat and other organic soils, amount of materials finer that 75-µm (No. 200) sieve in soils by washing, and approximately 1,000 triaxial compression, unconsolidated drained or undrained (UU) and Atterberg limits performed.

KEY PERSONNEL:

Sergio Aviles, P.E . – Project Manager
Sai Eddanapudi, P.E. – Project Engineer
Surendra Raj Pathak, P.E. – Staff Engineer

SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

X	Geotechnical Explorations (GE)
X	Geotechnical Design (GD)
X	Geotechnical Construction (GC)
X	CMAR
X	Constructability
X	Contract Management (CM)

17. FIRM EXPERIENCE

Project No. 10					
Firm name	**APS Engineering and Testing, LLC**		Past Performance Evaluation Discipline(s)*	**** Geotech**	
Project name	**Comite River Diversion Bridge at LA 96, LA 19 and LA 19 RR**		Firm responsibility (prime or sub?)	**Sub**	
Project number	**H.001352.6; H.002273**	Owner's name	**Huval & Associates, Inc.**		
Project location	**East Baton Rouge Parish, LA**		Owner's Project Manager	**Thomas M. Gattles III, P.E.**	
Owner's address, phone, email	**922 West Pont des Mouton Road, Lafayette, LA 70507 / 337.234.3798/ tgattle@huvalassoc.com**				
Services commenced by this firm (mm/yy)	**01/22**		Total consultant contract cost ($1,000's)	**N/A**	
Services completed by this firm (mm/yy)	**05/24**		Cost of consultant services provided by this firm ($1,000's)	**$228K**	

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

SCOPE:

Geotechnical investigation to provide the client with necessary information for planning and building of LA-19 bridge (slope- stability/embankment), LA-19 RR bridge (embankment/MSE wall settlement/retaining wall), LA-19 twin bridges (PPC piles), LA-67 bridge (drill shafts). APS drilled and sampled a total of 19 borings ranging from 50ft - 100ft in depth. The testing of soils was performed in-house by the APS team laboratory. The testing schedule included visual classification, standard methods for determining water (moisture) content, liquid limit, plastic limit and plasticity, unconsolidated-undrained triaxial compressions, and one-dimensional consolidations.

KEY PERSONNEL:

Sergio Aviles, P.E . – Project Manager
Sai Eddanapudi, P.E. – Project Engineer
Surendra Raj Pathak, P.E. – Staff Engineer

SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES	
X	Geotechnical Explorations (GE)
X	Geotechnical Design (GD)
X	Geotechnical Construction (GC)
X	CMAR
X	Constructability
X	Contract Management (CM)

17. FIRM EXPERIENCE

Project No. 11					
Firm name	**APS Engineering and Testing, LLC**		Past Performance Evaluation Discipline(s)*	**** Geotech**	
Project name	**US-90 Railroad Overpass (S. East of LA-85)**		Firm responsibility (prime or sub?)	**Sub**	
Project number	**H.010155**	Owner's name	**DOTD**		
Project location	**Iberia Parish, LA**		Owner's Project Manager	**Nicci D. Gill, P.E.**	
Owner's address, phone, email	**13016 Justice Ave., Baton Rouge, LA 70816/ 225-296-1335/ ngill@skanger.com**				
Services commenced by this firm (mm/yy)	**11/19**		Total consultant contract cost ($1,000's)	**N/A**	
Services completed by this firm (mm/yy)	**12/23**		Cost of consultant services provided by this firm ($1,000's)	**$105K**	

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

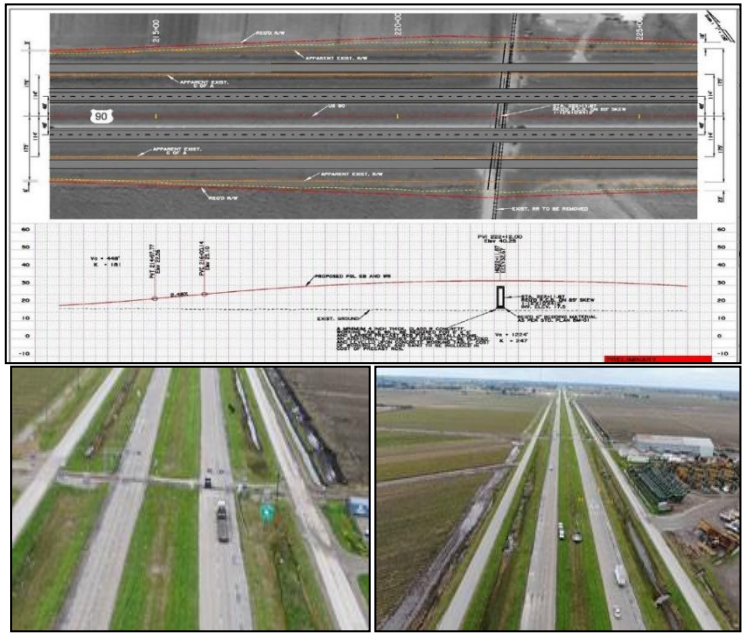
SCOPE:

Geotechnical investigation to provide the client with necessary information for planning and design of a 2,400 ft. span bridge. APS drilled a total of twelve (12) borings to depths of 120 ft. each. Undisturbed samples were continuously obtained from the ground surface to a depth of twenty (20) feet and at five (5) feet centers thereafter. A laboratory testing program was conducted to determine pertinent engineering characteristics of the subsurface material. This program included visual description and classification, determination of moisture content, liquid limit, plastic limit and plasticity, unconsolidated-undrained triaxial compression, and one-dimensional consolidation. Geotechnical analysis also included MSE embankment settlement, stability analysis, pile capacity analysis, design, and general construction recommendations.

KEY PERSONNEL:

Sergio Aviles, P.E . – Project Manager
Sai Eddanapudi, P.E. – Project Engineer
Surendra Raj Pathak, P.E. – Staff Engineer

SIMILARITIES TO PROFESSIONAL GEOTECH SERVICES	
X	Geotechnical Explorations (GE)
X	Geotechnical Design (GD)
X	Geotechnical Construction (GC)
X	Constructability
X	Contract Management (CM)



17. FIRM EXPERIENCE

PROJECT NO. 12					
Firm name	**Vectura Consulting Services, LLC**	Past Performance Evaluation Category(ies)*	**Traffic**		
Project name	**I-10 ITS Scott to Lake Charles**	Firm responsibility (prime or sub?)	**Sub**		
Project number	**H.013256.5**	Owner's name	**DOTD**		
Project location	**I-10 (District 07)**	Owner's Project Manager	**Roy Esteven, PE**		
Owner's address, phone, email	**1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-2527, Roy.Esteven@LA.gov**				
Services commenced by this firm	**01/21**	Total consultant contract cost ($1,000's)	**Unknown**		
Services completed by this firm	**03/21**	Cost of consultant services provided by this firm ($1,000's)	**$20.162**		

Vectura performed a Level 2 **Traffic Management Plan** (TMP) for the construction of ITS equipment along I-10. The plan included the following activities:

- safety strategy that included a CAT Scan,
- LOS determination utilizing Citrix data,
- lane closure recommendations based on a queue analysis,
- cost estimate,
- and public information strategies.

Applicable for this project {Required (✓)}	Level 2 TMP Components	Stage 0	Stage 1	Stage 3		Workflow Notes
				Preliminary	Final	
				60% Submittal	90% Submittal	
	Analysis	**Percent Complete**				
	• Detour Analysis	100%				①
	• Queue Analysis according to EDSMVI.1.1.4	100%				①
	Documentation	**Percent Complete**				
✓	• TTC Details			50%	100%	⑦
	• TTC Plan (based on type and location of construction)			50%	100%	⑦
	• Mitigation (if the current roadway is LOS F)	60%	100%			④
	• Mitigation (if the roadway is on the Abnormal Crash Location list)	60%	100%			④
	• Evacuation Strategy (if used as an evacuation route)	100%				④
	• Work Restrictions	20%	50%	70%	100%	④
✓	• Basic Public Information release at the District level			60%	100%	⑧

Personnel Utilized on this project: Laurence Lambert, Brin Ferlito, Reece Rodrigue, & Kristen Farrington (100% performed in Louisiana)

17. FIRM EXPERIENCE

PROJECT NO. 13					
Firm name	**Vectura Consulting Services, LLC**		Past Performance Evaluation Category(ies)*	**Traffic**	
Project name	**Roundabout: US 171 at Boone St.**		Firm responsibility (prime or sub?)	**Sub**	
Project number	**H.011909.5**	Owner's name	**DOTD**		
Project location	**Vernon Parish, LA**		Owner's Project Manager	**Josh Harrouch**	
Owner's address, phone, email	**PO Box 94245 Baton Rouge, LA 70804-9245, (225) 242-4640, Joshua.Harrouch@LA.GOV**				
Services commenced by this firm	**04/17**	Total consultant contract cost ($1,000's)		**Unknown**	
Services completed by this firm	**12/20**	Cost of consultant services provided by this firm ($1,000's)		**$82.045**	

Vectura designed temporary traffic signal plans as part of the sequence of construction plan for a roundabout construction at the intersection of US 171 at Boone Street in Leesville, LA. The purpose of the project was to replace the existing signalized intersection with a multilane roundabout at Boone Street.

Temporary Traffic Signal Design

Vectura performed following design tasks to develop temporary traffic signal plans:

- Detailed study of sequence of construction plans to determine the optimal traffic signal operation and required traffic signal equipment for each sequence of construction phase.
- Reviewed potential access issues for all the impacted driveways / streets along the project area for each sequence of construction phase.
- Developed multiple traffic signal timing plans by time of day for each sequence of construction phase to maintain progression along main corridor.
- Developed temporary signal plans including pole and span wire layout, signs, striping, power source, signal timings by time of day, vehicle detection, signal head placement, wiring diagram, pole height calculations, clearance calculations, quantities, construction cost estimate.
- Coordinated with DOTD Traffic Section and District Traffic Engineer.

Quality Control Review

Vectura provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.

Personnel Utilized on this project: Brin Ferlito, Reece Rodrigue, Laurence Lambert, and Bridget Robicheaux (100% performed in Louisiana)

17. FIRM EXPERIENCE

PROJECT NO. 14					
Firm name	**Vectura Consulting Services, LLC**		Past Performance Evaluation Category(ies)*	**Traffic**	
Project name	**LA 30 Roundabouts at Tanger I-10**		Firm responsibility (prime or sub?)	**Sub**	
Project number	**H.010960.5**	Owner's name	**DOTD**		
Project location	**Ascension Parish, LA**		Owner's Project Manager	**Josh Harrouch**	
Owner's address, phone, email	**PO Box 94245 Baton Rouge, LA 70804-9245, (225) 242-4640, Joshua.Harrouch@LA.GOV**				
Services commenced by this firm	**04/17**	Total consultant contract cost ($1,000's)		**unknown**	
Services completed by this firm	**12/20**	Cost of consultant services provided by this firm ($1,000's)		**$153.294**	

Vectura designed temporary traffic signal plans that will be implemented during construction of the three roundabouts along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also provided Quality Control review of construction plans.

Temporary Traffic Signal Design

Vectura performed following design tasks to develop temporary traffic signal plans:

- Detailed study of sequence of construction plans to determine the optimal traffic signal operation and required traffic signal equipment for each sequence of construction phase.
- Reviewed potential access issues for all the impacted driveways / streets along the project area for each sequence of construction phase.
- Developed multiple traffic signal timing plans by time of day for each sequence of construction phase to maintain progression along main corridor.
- Developed temporary signal plans including pole and span wire layout, signs, striping, power source, signal timings by time of day, vehicle detection, signal head placement, wiring diagram, pole height calculations, clearance calculations, quantities, construction cost estimate.
- Coordinated with DOTD Traffic Section and District Traffic Engineer.

Quality Control Review

Vectura provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.

Personnel Utilized on this project: Brin Ferlito, Reece Rodrigue, Laurence Lambert, and Bridget Robicheaux (100% performed in Louisiana)

17. FIRM EXPERIENCE

Project No. 15					
Firm name	**Modjeski and Masters, Inc.**		Past Performance Evaluation Discipline(s)*	Bridge	
Project name	**LA 16 over Tangipahoa River Bridge Replacement**		Firm responsibility (prime or sub?)	Prime	
Project number	H.013183	Owner's name	Louisiana Department of Transportation and Development		
Project location	Tangipahoa Parish, LA		Owner's Project Manager	Stephanie Doolittle, P.E.	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1329, Stephanie.Doolittle@la.gov				
Services commenced by this firm (mm/yy)	09/17	Total consultant contract cost ($1,000's)		$454	
Services completed by this firm (mm/yy)	03/21	Cost of consultant services provided by this firm ($1,000's)		$380	

M&M developed all necessary topographic surveys, preliminary and final plans for this bridge replacement project on LA 16, between LA 51 and LA 1054, in Amite City, LA. This project included reconstruction of the approach slabs and roadway on the east and west sides of the bridge. It was anticipated that traffic shall be maintained during construction with an on-site diversion roadway and bridge. The plans were prepared in accordance with AASHTO LRFD Bridge Design Specifications and the Bridge Design and Evaluation Manual (BDEM), DOTD 2017 Design Guidelines, DOTD 2016 Standard Specifications for Roads and Bridges, DOTD Road Design Manual, and DOTD Hydraulics Manual. QC/QA was provided in accordance with Part 1, Chapter 3 of BDEM. Construction Related Engineering Support was provided and is currently on-going.

M&M developed and delivered the following project documents:

- Final Roadway plans
- Final bridge design
- Final bridge plans
- Final temporary diversion and bridge plans
- Transportation Management Plan (TMP) Level 2
- Construction Signing Plans
- As Design Rating
- Construction Cost Estimate
- Final Roadway and Bridge Quantities
- Special Provisions
- Design Waivers and Exceptions

PERSONNEL: Zolan Prucz, PhD, PE, **Yu Ouyang, PE, Jared Weisman, PE, Lindsey Woolverton, PE, Cullen J. Ledet, PE**

17. FIRM EXPERIENCE

Project No. 16					
Firm name	**Modjeski and Masters, Inc.**		Past Performance Evaluation Discipline(s)*	Bridge	
Project name	**LA 3249 (Well Road) Bridge Replacement Over I-20**		Firm responsibility (prime or sub?)	Prime	
Project number	700-99-0450 Task Order: 701-65-1098	Owner's name	Louisiana Department of Transportation and Development		
Project location	West Monroe, LA		Owner's Project Manager	Mark D. Bucci, PE	
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802, (225) 379-1076, Mark.Bucci@la.gov				
Services commenced by this firm (mm/yy)		6/2008	Total consultant contract cost ($1,000's)		$200
Services completed by this firm (mm/yy)		3/2011	Cost of consultant services provided by this firm ($1,000's)		$184

The project involved the design of a replacement superstructure while providing minimal impact to traffic on both LA 3249 and I-20. Constructed in 1963, the existing structure consisted of four (4) simple spans (50'-85'-70'-55') consisting of four composite, welded steel girders with a 7-inch lightweight concrete deck. Due to deck deterioration from a high average daily traffic with heavy truck traffic, the superstructure was scheduled for replacement. In addition to replacing the superstructure, it was determined that the existing substructure would require strengthening. The strengthening was accomplished through the addition of drilled shafts on the end bents and collision walls on the interior bents.

PROJECT FEATURES:

- Design and development of plans and specifications for new steel girder spans with a composite concrete deck.
- Design and development of plans and specifications for strengthening the existing substructure.
- Investigate accelerated bridge construction methods and establish constructability.
- Provide traffic control plans for maintenance of traffic during construction.
- Provide construction engineering services including review of construction submittals and RFIs.

PERSONNEL: Zolan Prucz, Ph.D., PE, **Cullen J. Ledet, PE**, Dave W. Petermeier, PE, SE, Rachel. L. Mertz, PE, SE

17. FIRM EXPERIENCE

Project No. 17					
Firm name	**Modjeski and Masters, Inc.**		Past Performance Evaluation Discipline(s)**		Bridge
Project name	**Load Rating of 160 Bridges**		Firm responsibility (prime or sub?)		Prime
Project number	H.009859.5	Owner's name	LADOTD		
Project location	Statewide, Louisiana		Owner's Project Manager	Mr. William Metcalf, PE	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA (225) 379-1741, william.metcalf@la.gov				
Services commenced by this firm (mm/yy)	03/2023	Total consultant contract cost ($1,000's)		$5,906	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$3,679	

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

Modjeski and Masters, Inc. is performing plan and document retrieval, bridge inspection (as needed), analysis and load rating, sampling/instrumentation and non-destructive testing (as needed), and retrofit design plan production (as needed) for complex bridge structures of varying complexity and type. The bridge types include fixed structures as well as swing spans, bascule spans, truss spans and curved steel spans. For the analysis and load rating task, M&M is generating a system structural model and performing an analysis of each bridge to determine dead and live load forces in the members. For the bridge superstructures, AASHTOWare BrR software is being used. For the complex bridges, a three-dimensional structural model is needed. M&M is also developing influence lines and COMPSTIL2 input files for complex substructures including hammerheads and inverted-T pier caps. All load rating analysis will follow current AASHTO Manual for Bridge Evaluation, the LADOTD Bridge Design and Evaluation Manual and AASHTO LRFD Bridge Design Specifications.

Personnel involved: **Stacey P. Carr, PE, Jason W. Miles, PE**, Josh Moore, PE, Lindsey Woolverton, PE, Hendri Koop, PE, **Mott Holt, PE**, Veronique Mucino-Sanchez, EI

18. APPROACH AND METHODOLOGY

PROJECT UNDERSTANDING

Projects that involve pavement preservation or transportation systems management (TSM) are an essential part of improving efficiency in roadways. They also play a critical role in the safety of both vehicles as well as other forms of transportation including pedestrians and bicycles. Therefore, it is very important to do ongoing maintenance and improvements to these transportation routes.

Using DOTD provided information such as copies of or access to traffic data, pavement design, standard plan, and/or any other pertinent information available, services for this project scope may include surveying, geotechnical investigations, traffic studies & services, preliminary planning, final planning, property surveying, title take-off, right-of-way map generation, and construction support.

Meyer Engineers, Ltd. (Meyer) and its proposed teaming partners have the necessary project managers, staff, and resources to complete projects under this IDIQ contract. Additionally, our team and partners have ample support & auxiliary staff to anticipate any expansion of scope/workload. Once the Contract is executed, and a Notice to Proceed (NTP) is issued for a Task Order, our team's scope of work may include the following steps outlined in the subsequent sections.

PRELIMINARY PLANS

Meyer is **very familiar with DOTD processes and procedures** as shown on our project experience. Meyer will follow DOTD's Roadway Plan Preparation Manual and Bridge Design Manual for this contract. Meyer will also use the AASHTO "Green Book", DOTD's Design Criteria Guidelines, and the DOTD Hydraulic Manual. **Meyer will complete Quality Reviews prior to each submittal with attention to Constructability and Biddability.**

Project Start/Kickoff Meeting

- Conduct Kickoff Meeting/Site Visit with interested parties and DOTD.
- Request background information, such as Stage 0 Reports, or Traffic Data.
- Determine if additional geotechnical investigation will be needed to be conducted by the Meyer team.
- Visit site to observe any issues such as existing utilities, quality of existing pavement, condition of existing drainage structures, and if features encroach into the existing right-of-way.
- Meyer will perform a thorough walk-through of the roadways to determine:
    - Areas to be patched.
    - Curb and gutter repairs.
    - Sidewalk repairs.
    - Determine any special requirements at Pavement at Railroad Crossings, if applicable.
    - Location of existing Drainage inlets in the road that may affect travel lanes.
    - How to repair wide gaps in some of the existing longitudinal joints.
    - Any ADA issues on the existing sidewalks and ramps.
- Request as-builts, utility information, typical section (or geotechnical analysis), and traffic studies.
- Determine the required level of environmental clearance.
- Prepare and distribute minutes from the meeting.
- Confirm established designs schedule.

30% Preliminary Plan Submittal (If Necessary)

- Design typical sections in accordance with design criteria or use DOTD furnished proposed typical sections.
- Design the geometry of the road with these considerations:
    - Determine the extent of the existing right-of-way to minimize right-of-way acquisition and other issues/conflicts.
    - Determine if any driveways will be affected.
    - Ensure typical section compaction needs can be achieved in field conditions and plan dimensions

18. APPROACH AND METHODOLOGY

60% Preliminary Plan Submittal (If Necessary)

- Incorporate/resolve comments from the 30% submittal
- Design the drainage in accordance with DOTD's Hydraulic Manual and using the Existing Drainage Map to be provided by DOTD.
- Ensure proposed drainage effectively ties into existing conditions
- Quality assure existing structures to remain are suitable for project needs
- Coordinate if work on the DOTD property maps can commence.
- The 60% Submittal shall include the Title Sheet, Typical Sections, Plan and Profile Sheets, geometric alignment and details, drainage calculations, and cross sections.

95% Preliminary Plan Submittal (Plan-in-Hand)

- Incorporate/resolve comments from the 60% Submittal.
- Identify the limits of construction and required right-of-way lines.
- The 95% Submittal shall include the Title Sheet, Typical Sections, Plan and Profile Sheets, geometric alignment and details, and cross sections, sequence of construction and construction signing, summary of estimated quantities sheet (to identify the pay items), and the QA/QC checklist.
- Develop the Transportation Management Plan including traffic control details and plan.
- Coordinate and supply information necessary for Environmental Clearance and provide permit drawings for additional permit applications if needed.
- Assist the DOTD Project Manager along with other interested parties in scheduling and conducting the Plan-in-Hand Meeting.
- Conduct the **Plan-in-Hand Meeting. Invite affected utility companies** to address problems, alert them of the schedule, and support relocation inquiries.
- Assist in conducting a Public Meeting (if needed) with construction administration personnel to inform of construction conditions.

100% Preliminary Plan Submittal (If Necessary)

- Incorporate/resolve Plan-in-Hand and permit comments.
- Complete the probable construction cost estimate.

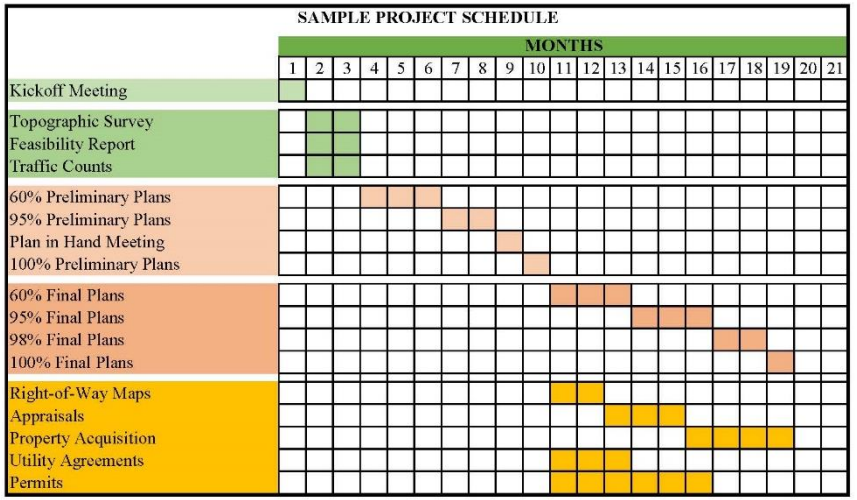
Final Plan Submittal

Once the project has been cleared environmentally, final plans can begin.

- **60% Final Plan Submittal:** Include the **summary sheets**.
- **95% Final Plan Submittal (Advance Check Prints):** Include the QA/QC checklist, the Constructability Review Form, Bridge Design Calculations, and As- Designed Bridge Rating Reports.
- ***98% and 100% Final Plan Submittal:*** Include the ***final probable construction cost***, special provisions, and stamped final plans.

Construction

- Review and respond to Requests for Information (RFIs).
- Review shop drawings and equipment submittals if needed.



SUBSURFACE UTILITY ENGINEERING (SUE) (If Necessary – SJB Group, L.L.C.)

With most roadway corridors congested with utilities, it is imperative to identify these utilities and the impacts they will have on proposed projects. SJB Group will provide Subsurface Utility Engineering (SUE) to identify these utilities through Quality Level A-D investigations. Upon completion of these investigations, SJB will coordinate with LADOTD and utility owners to determine conflict locations with the proposed design and existing or planned utility facilities. Additional coordination with utility owners will be necessary to gather all the information necessary to

18. APPROACH AND METHODOLOGY

prepare the utility conflict matrix. The conflict matrix will identify all utility owners, utility description (size and type), location of conflict, proposed disposition of the utility, right of occupancy, status of agreements and status of adjustment work (if required).

SURVEYING SERVICES (If Necessary – SJB Group, L.L.C.)

Topographic and Bathymetric Mapping: The Topographic Survey and Bathymetric Survey shall be in accordance with all principles and objectives set forth in the latest version of the LADOTD Location and Survey Manual. All deliverables will be developed in accordance with the current Location and Survey Section's list of topographic survey submittal requirements.

Drainage Map: When required by task order, an existing drainage map will be prepared. The existing drainage map shall be in accordance with all principles and objectives set forth in the LADOTD Existing Drainage Map Standards. SJB Group's staff is experienced in performing existing drainage maps for LADOTD projects.

Title Take-Offs: The property boundary surveying initial task will be compiling property records data, either by Title Reports or acquiring Title Takeoffs. The property records data will be utilized to proceed with field investigation to recover property boundary monumentation and observe said monumentation to determine the property boundaries and existing right-of-way.

Boundary Surveying: SJB Group will utilize the title take-offs, title reports, and other property data for property monumentation recovery and depiction of the property boundaries and existing right-of-way for the creation of the project Property Survey Map.

Right-of-way Maps: SJB Group will incorporate Property Survey Map, the adopted project centerline, parcel line locations and ownership, required right-of-way, limits of construction, and critical topographic features into the 60% base maps, SJB Group will attend a Joint Plan Review (JPR) meeting hosted by LA DOTD. SJB Group will provide Final Right-of-Way Map deliverables in the standard LA DOTD format as specified in the Location and Survey Manual Addendum "A".

GEOTECHNICAL APPROACH & METHODS (If Necessary – APS Engineering and Testing, LLC)

APS Engineering and Testing, LLC (APS) will continue to utilize their 40+ years (combined staff) of experience to provide comprehensive Subsurface Geotechnical Investigation in accordance with the standards of DOTD. The firm will utilize their in-house drill rigs, CPT rigs, and Laboratory equipment, to provide a high-quality Geotechnical Data Report. They will also work closely with the design team members to ensure a seamless transfer of geotechnical data to the designers. Additionally, APS will provide consultation geotechnical engineering services for this project. APS understands that the IDIQ task orders will be assigned by the Prime consultant and will work with Project Manager (PM) in Charge from the time the Task Order (TO) is assigned until the TO is complete. The steps for this work include, once a Task Order (TO) has been assigned to our team:

1. Boring Request

A. Evaluate the boring request assigned to APS	**B.** Contact the Prime PM to introduce the APS team members assigned the TO.
C. Prepare and submit a fee schedule to Prime PM.	**D.** Coordinate with Prime PM on a possible date and time to discuss Fee schedule if questions arise.
E. Submit Final Fee Schedule to Prime PM for approval.	

2. Drilling Department Services

A. APS Field Engineer will mark the boring locations in the field to assist Louisiana One Call.	**B.** APS assigned PM will make the Louisiana One Call (811).
C. An APS drill crew will be assigned the Task Order (TO).	**D.** APS PM will go over the drilling package, permits, environmental constraints, traffic control plan, hole abandonment plan, and Site Safety Plan with drilling crew.
E. APS Field engineer and drill crew will be dispatched to start work on TO.	**F.** A daily progress log will be performed by the APS field engineer.
G. APS Field engineer will perform a survey of the final boring location and elevation using our own RTK R12 survey equipment.	

18. APPROACH AND METHODOLOGY

3. Laboratory Department Services [AASHTO and USACE certified]

A. Once all drilling is completed samples will be logged into the A P S laboratory project tracking spreadsheet for testing.	**B.** Laboratory Manager will oversee all samples, log them in and create a testing assignment sheet for the A P S engineer to assign the tests to be performed.
C. Once A P S engineer assigns the tests, he will send it for final testing approval to the APS Senior Engineer for final review/approval.	**D.** Laboratory Testing begins.
E. Laboratory Manager meets weekly with the engineer and Senior Engineer to update on project status.	**F.** If any issues arise during testing it will be communicated to the engineer immediately.
G. Once all testing is completed the Laboratory manager goes into QA/QC with engineer and Senior Engineer.	**H.** Laboratory manager submits final laboratory results to drafting personnel to create final boring logs.

4. Geotechnical Department Services

A. Assure that the appropriate observations are made in accordance with the TO needs.	**B.** Check for compliance with applicable reporting standards.
C. Check for consistency with other reports, if any, for the same project.	**D.** Check for implementation of informal peer review recommendations.
E. Check resource estimates for design investigation and construction phase.	**F.** Third Party Review of Draft Final Report to check for readability, clarity, grammar, and spelling. This is not a technical review of the report.
G. The Geotechnical Engineer will review the report to make sure it is technically correct and addresses the TO needs.	**H.** Send Draft Final Report to Prime PM for review.
I. Issue Final Report once DOTD comments are incorporated.	

TRAFFIC MANAGEMENT PLAN (If Necessary – Vectura Consulting Services, LLC)

Data Collection: Vectura's Data Collection Project Manager, Gustavo will oversee all DOTD count requests, scheduling, data processing and delivery. Gustavo has over 10 years of experience in traffic data collection with five (5) of his most recent years in the state of Louisiana. He will work alongside a growing staff of experienced traffic engineers in any field observations, data processing / analyzing and QA/QC. Gustavo brings in a tremendous amount of experience in traffic studies to Vectura as he has managed thousands of 24-hour Volume and Classification counts as well as Turning Movement Counts. In addition to Gustavo, the Vectura staff consists of five staff members who are licensed Professional Engineers (PEs) in the state of Louisiana with the Professional Transportation Operations Engineer (PTOE) certification. Our PTOE staff will be involved in the processing and QC of the final deliverable of the traffic data. The staff of Vectura are based out of the Baton Rouge and New Orleans areas.

Traffic Engineering Analysis: Vectura has an experienced staff of transportation engineers that are well versed in the traffic models used by DOTD to analyze complex alternatives. Brin and Laurence have worked with DOTD for over the past 20 years, including TranPLAN, TransCAD, CORSIM, VISSIM to name a few. Laurence and Brin developed models to compare alternatives for DOTD. On a more microscopic level, Brin, Laurence and the Vectura staff are proficient in HCS, Synchro and Sidra to analyze intersection alternatives. All our staff have taken the DOTD Traffic Engineering Process and Report course and understand how to format the study to DOTD's standards.

Intersection Control Design and Review: The staff of Vectura have developed design studies and construction plans for hundreds of signals for DOTD. As such our staff is well versed in designing the associated MUTCD compliant signing and striping for traffic signals. Since the formation of Vectura, we have partnered with other design engineering firms to provide a third-party quality control review of signing and striping plans for DOTD projects. We also have provided CE&I for traffic signal construction for DOTD.

Transportation Management Plans: Vectura will follow EDSM VI.1.1.8 that outlines what is required for a TMP. Vectura will coordinate with DOTD to obtain traffic volume and safety data for traffic study to perform safety analysis and alternative route analysis. If historic data is not available, Vectura will follow the Traffic Study Scope of Services as outlined on the DOTD Traffic Engineering website. Staff from Vectura have worked closely with the staff of DOTD through the development and implementation of the TEPR process. Vectura will utilize this experience to navigate the TEPR process to arrive upon the optimum detour route. Along with specifying the correct TTC Details, Vectura will coordinate with the bridge / road designers on a Work Zone Impact Management Strategy document to minimize risk and delays to the travel public.

19. WORKLOAD

** The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.*
*** Round to the nearest dollar. Do not round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column.*
NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

MEYER ENGINEERS, LTD.

FIRM(S) - ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	**PAST PERFORMANCE EVAL. DISCIPLINE(S) ***	**CONTRACT NO. / STATE PROJ. NO.**	**PROJECT NAME**	**REMAINING UNPAID BALANCE****
Meyer Engineers, Ltd.	CE&I/OV	#4400017430 / H.001498	LA 24 & LA 316: Company Canal Bridge (CE&I)	$130,903.40
Meyer Engineers, Ltd.	CE&I/OV	#4400021186 / H.013520	Barringer Drive Sidewalks	N/A
Meyer Engineers, Ltd.	Road	#4400023075 / H.013522	S. Lewis Street Widening	$145,646
Meyer Engineers, Ltd.	CE&I/OV	#4400024988 / H.006457.6	Roundabout @ PR 929 and Parker Road	N/A
Meyer Engineers, Ltd.	CE&I/OV	#4400025412 / H.006459.6 (CE&I)	Roundabout Churchpoint Road and Roddy Road (CE&I)	$323.49
Meyer Engineers, Ltd.	CE&I/OV	#4400025702 / H.013813.6 (CE&I)	Vintage Drive Multi Use Path: Power - Wilson (CE&I)	$54,810.54
Meyer Engineers, Ltd.	CE&I/OV	#4400024021/#4400024022 H.015028 / H.002264	Bayou Barataria MB Replacement, Phase I (CE&I) Bayou Barataria MB Replacement (CE&I)	$131,300.84
Meyer Engineers, Ltd.	Road	#4400027183 / H.016012 – Task 1	IDIQ Contract for Design of Transportation Alternatives Projects Statewide	$40,120.92

THOMPSON ENGINEERING, INC., OF LOUISIANA

FIRM(S) - ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	**PAST PERFORMANCE EVAL. DISCIPLINE(S) ***	**CONTRACT NO. / STATE PROJ. NO.**	**PROJECT NAME**	**REMAINING UNPAID BALANCE****
Thompson Engineering, Inc., of Louisiana	Geotech	#4400019016 / H.015013.5	IDIQ FOR GEOTECHNICAL SERVICES STATEWIDE – Geotech Borings	$58,020
Thompson Engineering, Inc., of Louisiana	Geotech	#4400019016 / H.014986.5	IDIQ FOR GEOTECHNICAL SERVICES STATEWIDE – Geotech Borings	$37,755
Thompson Engineering, Inc., of Louisiana	Geotech	#4400019016 / H.015014.5	IDIQ FOR GEOTECHNICAL SERVICES STATEWIDE – Geotech	$34,345

19. WORKLOAD

SJB GROUP, L.L.C.

FIRM(S) - ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	**PAST PERFORMANCE EVAL. DISCIPLINE(S) ***	**CONTRACT NO. / STATE PROJ. NO.**	**PROJECT NAME**	**REMAINING UNPAID BALANCE****
SJB Group, L.L.C.	Survey	Contract No: 44-17597 S.P. No. H.013982 & H.013984 F.A.P. No. H.013982 & H.013984	IDIQ Surveying Services Rural Bridge Replacement Initiative	$38,340
SJB Group, L.L.C.	CPM	Contract No. 4400017485	IDIQ CPM Analysis	N/A
SJB Group, L.L.C.	CPM	Contract No: 44-17485 S.P. No. H.002375 F.A.P. No. H.002375	LA 16 Amite River Bridge Near French Settlement – Livingston Parish	$7,090
SJB Group, L.L.C.	CPM	Contract No: 44-17485 S.P. No. H.003184.6 F.A.P. No. H.003184.6	I10 Texas State Line – East of Coone Guillory – Calcasieu Parish	$93,645
SJB Group, L.L.C.	CPM	Contract No: 44-17485 S.P. No. H.001234.6 F.A.P. No. H.001234.6	LA 1: Port Allen Canal Bridge Replacement – West Baton Rouge Parish	$31,385
SJB Group, L.L.C.	CPM	Contract No: 44-14659	IDIQ Contract - SUE Services	N/A
SJB Group, L.L.C.	Other (SUE)	Contract No: 44-17485 S.P. No. H.001820.6 F.A.P. No. H.001820.6	LA 485 Bridges Near Allen CI	$73,492
SJB Group, L.L.C.	Other (SUE)	Contract No: 44-17485 S.P. No. H.001820 F.A.P. No. H.001820	LA485: Bridges Near Allen Water	$15,505
SJB Group, L.L.C.	CPM	Contract No: 44-17485 S.P. No. H.002980.6 F.A.P. No. H.002980.6	I-10 Overpass Over US 165 & Missouri Pacific Railroad – Calcasieu and Jefferson Davis Parish	$28,256
SJB Group, L.L.C.	CPM	Contract No: 44-19184 S.P. No. H.001820.6 F.A.P. No. H.001820.6	LA 485: Bridges Near Allen Construction Inspection – Allen Parish	$15,125
SJB Group, L.L.C.	CPM	Contract No: 44-17485 S.P. No. H.001344.6 F.A.P. No. H.001820.6	US 190: LA 437 - US 190 Bus – St. Tammany Parish	$19,779
SJB Group, L.L.C.	CPM	Contract No: 44-17485 S.P. No. H.002424 F.A.P. No. H.002424	LA70 Sunshine Bridge – LA 22 – District 61, Ascension and St. James Parish	$28,109
SJB Group, L.L.C.	CPM	Contract No: 44-17485 S.P. No. H.003047.6 F.A.P. No. H.003047.6	Pecue I-10 Inter Phase III – District 61, East Baton Rouge Parish	$31,807

19. WORKLOAD

FIRM(S) - ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	**PAST PERFORMANCE EVAL. DISCIPLINE(S) ***	**CONTRACT NO. / STATE PROJ. NO.**	**PROJECT NAME**	**REMAINING UNPAID BALANCE****
SJB Group, L.L.C.	CPM	Contract No: 44-17485 S.P. No. H.011137 F.A.P. No. H.011137	I-12 (LA1077)	$54,587
SJB Group, L.L.C.	CPM	Contract No: 44-10586 S.P. No. H.010652 F.A.P. No. H.010652	LA 73 (US 61 Airline)	$56,922
SJB Group, L.L.C.	CPM	Contract No: 44-17485 S.P. No. H.012174.6 F.A.P. No. H.012174.6	I-10 Jefferson Davis	$35,731
SJB Group, L.L.C.	CPM	Contract No: 44-17485 S.P. No. H.013203.6 F.A.P. No. H.013203.6	US90: LA 318 – LA 83	$36,514
SJB Group, L.L.C.	Survey	Contract No: 44-17711 S.P. No. H.005121.5 | Task Order 5 F.A.P. No. H.005121.5 | Task Order 5	LA 1 – LA 415	$167,663
SJB Group, L.L.C.	Other (SUE)	Contract No: 44-19379 S.P. No. H.013797, F.A.P. No.	EBR PL – I-10 – Part I	$600
SJB Group, L.L.C.	Right-of-Way	Contract No: 44-28371 S.P. No. H.004100.5 Directive 1, F.A.P. No.	I-10 LA 415 Acadian	$20,078
SJB Group, L.L.C.	Right-of-Way	Contract No: 44-28371 S.P. No. H.004100.5| Directive 2, F.A.P. No.	I-10 LA 415 Dir 2	$1,536

APS ENGINEERING AND TESTING, LLC

FIRM(S) - ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	**PAST PERFORMANCE EVAL. DISCIPLINE(S) ***	**CONTRACT NO. / STATE PROJ. NO.**	**PROJECT NAME**	**REMAINING UNPAID BALANCE****
APS Engineering and Testing, LLC	Geotech	4400091011/ H.001711	Saline Bayou Relief & Creek Mill	$110,632
APS Engineering and Testing, LLC	Geotech	4400017262/ H.012545.5	Union Pacific Railroad	$62,233
APS Engineering and Testing, LLC	CE&I/OV	4400024653/ H.01254.6	Wiggins Bayou Bridge	$70,617

19. WORKLOAD

VECTURA CONSULTING SERVICES, LLC

FIRM(S) - ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	**PAST PERFORMANCE EVAL. DISCIPLINE(S) ***	**CONTRACT NO. / STATE PROJ. NO.**	**PROJECT NAME**	**REMAINING UNPAID BALANCE****
Vectura Consulting Services, LLC	Traffic	4400017293 H.010616	I-20: LA 544 Overpass Replacement	$74,429
Vectura Consulting Services, LLC	Traffic	4400005484 H.005168.2	New Orleans Rail Gateway Avondale EA	$71,398
Vectura Consulting Services, LLC	CE&I/OV	4400020018 H.007160	EBR Computerized Traffic Signal, Ph VB	$66,032
Vectura Consulting Services, LLC	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	$11,202
Vectura Consulting Services, LLC	Traffic	4400021519 H.012030.5	KCS RR Overpasses HBI	$572
Vectura Consulting Services, LLC	Traffic	4400023075 H.013522	S. Lewis Street Widening	$7,499
Vectura Consulting Services, LLC	ITS	4400016364 H.015136.1	Lake Charles Regional ITS Architecture Update	$12,643
Vectura Consulting Services, LLC	ITS	4400017922 H.012845.1	C/AV Team and Working Group Support	$6,820
Vectura Consulting Services, LLC	ITS	4400017922 H.014515.5	SEA ATMS and 511 System	$11,652
Vectura Consulting Services, LLC	ITS	44000020058 H.011507.1	Monroe Phase 3 SEA	$29,217
Vectura Consulting Services, LLC	Traffic	4400018271 H.014746.5	LA 383 Stage 0 Corridor Study	$20,146
Vectura Consulting Services, LLC	ITS	4400016364 H.015136.1	Shreveport-Bossier Regional ITS Architecture Update	$11,260
Vectura Consulting Services, LLC	ITS	4400016364 H.014511.1	Houma Regional ITS Architecture Update	$10,746
Vectura Consulting Services, LLC	Traffic	4400025299 H.013421.5	Dist. 02H Flashing Yellow Arrow Part 2	$360,988
Vectura Consulting Services, LLC	Traffic	4400025299 H.01564.5	LA 47 Hayne Blvd Safety Improvements	$57,042

19. WORKLOAD

MODJESKI & MASTERS, INC.

FIRM(S) - ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	**PAST PERFORMANCE EVAL. DISCIPLINE(S) ***	**CONTRACT NO. / STATE PROJ. NO.**	**PROJECT NAME**	**REMAINING UNPAID BALANCE****
Modjeski & Masters, Inc.	Bridge	JN 3144	Expert witness services in bridge design, construction, repair and forensic analysis	$266,266
Retainer Contract 4400005395			**Construction Engineering and Inspection with Painting Statewide**	
Modjeski & Masters, Inc.	Bridge	H.011705.6	US 11 Lake Pontchartrain Bridge Rehabilitation - Phase 2 Orleans Parish	N/A
Modjeski & Masters, Inc.	Bridge	H.011494.6	US 90 Atchafalaya River Bridge Rehabilitation St. Mary Parish	N/A
Retainer Contract 4400005774			**Bridge Preservation Statewide**	
Modjeski & Masters, Inc.	Other (Roadway Lighting)	H.004791	Subconsultant: Belle Chasse B7T Replacement P3 - Electrical and Structural	N/A
IDIQ Contract 4400017263			**Bridge Preservation Statewide**	
Modjeski & Masters, Inc.	Other (Roadway Lighting)	H.013866.6	I-12: LA 21 to US 190 Navigation Lighting & Roadway Lighting	$58,534
Modjeski & Masters, Inc.	Other (Roadway Lighting)	H.003184.6	I-10: Texas State Line - E. of Coone Gully - CRES	$37,920
Modjeski & Masters, Inc.	Bridge	H.011485.6	LA336-1: Bayou Teche Bridge Rehabilitation	$40,909
Modjeski & Masters, Inc.	Bridge	H.014587	LA 302: Kerner Ferry Bridge Repairs PH 2 - Constr Support	$63,566
Modjeski & Masters, Inc.	Bridge	H.014406.6	Houma Navigation Canal Swing Bridge - Electrical Repair CRED	$8,517
Modjeski & Masters, Inc.	Bridge	H.014465.5	Perry Bridge Rehabilitation - Final Design	N/A
Modjeski & Masters, Inc.	Bridge	H.004647.6 (T.O. 1)	I-20 MS River Bridge at Vicksburg, - Monitoring	N/A
Modjeski & Masters, Inc.	Bridge	H.015028.6	Bayou Barataria Bridge MB Replacement - Phase I	$111,517
Modjeski & Masters, Inc.	Bridge	H.001234.6	LA 1 Port Allen Bridge - Geotech Settlement Remediation	$57,162
Modjeski & Masters, Inc.	Bridge	H.010882.6	LA18: 4th Street Bridge Rehabilitation Construction Support	$31,704
Modjeski & Masters, Inc.	Bridge	H.009479.6	West Larose Lift Bridge Rehabilitation - Const Support	$3,688
Modjeski & Masters, Inc.	Bridge	H.011705.6	US 11 Lake Pontchartrain Bridge Rehabilitation - Ph2	$24,040
Modjeski & Masters, Inc.	Other (Roadway Lighting)	H.012889.6	I-20 Rehab (Pines Road to I-220) Bossier City Lighting CRES	$117,853
Modjeski & Masters, Inc.	Other (Roadway Lighting)	H.009266.5	I-10 (LA 73 to LA 30)	$1,688
Modjeski & Masters, Inc.	Bridge	H.015612.6	Ted Hickey Strengthening - Construction Support	$25,523
Modjeski & Masters, Inc.	Bridge	#44-29193 H.004100.5 / H.004100.6	Subconsultant: LA 415 to Essen Lane on I-10 and I-12 Segment 1 Task 2	$1,161,632
Modjeski & Masters, Inc.	Bridge	#44-21128 / H.001234.6	Subconsultant: LA 1: Port Allen Canal Bridge Replacement - Phase 1 CRES	$35,082

19. WORKLOAD

FIRM(S) - ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	**PAST PERFORMANCE EVAL. DISCIPLINE(S) ***	**CONTRACT NO. / STATE PROJ. NO.**	**PROJECT NAME**	**REMAINING UNPAID BALANCE****
Modjeski & Masters, Inc.	Bridge	#44-21128 / H.014258.6	Subconsultant: LA 1: Port Allen Canal Bridge Repl. - Phase 2 NB Design	N/A
IDIQ Contract 4400020063			**Electrical Services Statewide**	
Modjeski & Masters, Inc.	Other (Roadway Lighting)	H.014646	I-20: US 165 to Garrett Road Lighting	$33,852
Modjeski & Masters, Inc.	Other (Roadway Lighting)	H.014555.5	I-10 at LA109 Interchange Lighting (Toomey)	$106,104
Modjeski & Masters, Inc.	Other (Roadway Lighting)	H.015019.5	I-10 at LA3063 Interchange Lighting (Vinton)	$126,984
Modjeski & Masters, Inc.	Other (Roadway Lighting)	H.015085.5	I-10 @ LA108 Interchange (Vinton) Lighting	$129,727
Modjeski & Masters, Inc.	Bridge	H.003931	I-10 Calcasieu Bridge Replacement PC	N/A
Modjeski & Masters, Inc.	Bridge	#44-20156 / H.011965.6	Sub: LA 47 IWGO Bridge Rehab CRES	$117,352
IDIQ Contract 4400024187			**Bridge Preservation Statewide**	
Modjeski & Masters, Inc.	CEI/OV	H.003144.6	MRB (Luling) CEI of Latent Defects	$3,699
Modjeski & Masters, Inc.	Bridge	H.015115.5	LA 24 over ICWW Repair	$73,006
Modjeski & Masters, Inc.	Bridge	H.011137.6	I-12: LA 1077 to LA 21	$108,967
Modjeski & Masters, Inc.	Other (Roadway Lighting)	H.015504.5	CCC Decorative Lighting	$18,046
Modjeski & Masters, Inc.	Bridge	H.000263.5	Chef Menteur Pass Bridge and Approach	$57,666
Modjeski & Masters, Inc.	Other (Roadway Lighting)	H.015504.6	CCC Decorative Lighting	$67,710
Modjeski & Masters, Inc.	Bridge	H.002980.6 (Task Order 9)	I-10 Overpass Over US 165 & MP RR	$110,649
Modjeski & Masters, Inc.	Bridge	H.002980.6 (Task Order 10)	West Larose Lift Bridge Rehabilitation - Final Design	$295,261
Modjeski & Masters, Inc.	Bridge	H.002980.6 (Task Order 11)	West Larose Lift Bridge Rehabilitation - CRES Close Out	$85,238
Modjeski & Masters, Inc.	Bridge	Contract 44-05673 H.011235.5	Sub: I-49 South @ Verot School Road	$4,468
IDIQ Contract 4400021593			**Bridge Load Rating Services Statewide**	
Modjeski & Masters, Inc.	Bridge	H.009859.5	Bridge Load Rating (Task Order 1)	$838,473
Modjeski & Masters, Inc.	Bridge	H.009481 & H.013116	Sub: Acrow LA 20 - Inspection	$26,430
Modjeski & Masters, Inc.	Bridge	#44-22581 / H.011221.5	I-10: N.O. CBD3 (Poydras - Louisa)	$270,758
Modjeski & Masters, Inc.	Bridge	#44-22581 / H.011222.5	I-10: N.O. CBD4 (Louisa - I510)	$416,551
Modjeski & Masters, Inc.	Bridge	#44-23512 / Task Order No. 2	Sub: I-10 Bridge crossing the MS River – Inspection 2024	$69,307
Modjeski & Masters, Inc.	Bridge	#44-23512 / Task Order No. 3	Sub: I-10 Bridge crossing the MS River - Inspection 2024	$107,343
IDIQ Contract 4400027614			**Painting Inspection and Environmental Monitoring with Construction Engineering and Inspection - Statewide**	
Modjeski & Masters, Inc.	CEI/OV	H.011487.6	LA 182: Berwick Bay Bridge Rehabilitation	$2,521,704

20. CERTIFICATIONS/LICENSES

Official SOS Registration: MEYER ENGINEERS, LTD.

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

Name	Type	City	Status
MEYER ENGINEERS, LTD.	Business Corporation	METAIRIE	Active

Previous Names

Business: MEYER ENGINEERS, LTD.
Charter Number: 33505960D
Registration Date: 7/13/1981

Domicile Address

4937 HEARST ST., SUITE 1B
METAIRIE, LA 70001

Mailing Address

4937 HEARST ST., SUITE 1B
METAIRIE, LA 70001

Principal Office Address

4937 HEARST ST., SUITE 1B
METAIRIE, LA 70001

Official SOS Registration: SJB GROUP, L.L.C.

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

Name	Type	City	Status
SJB GROUP, L.L.C.	Limited Liability Company	BATON ROUGE	Active

Previous Names

Business: SJB GROUP, L.L.C.
Charter Number: 36063779K
Registration Date: 12/2/2005

Domicile Address

5344 BRITTANY DRIVE
BATON ROUGE, LA 70808

Mailing Address

C/O MATTHEW ESTOPINAL
5344 BRITTANY DRIVE
BATON ROUGE, LA 70808

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 12/2/2005
Last Report Filed: 1/11/2024
Type: Limited Liability Company

20. CERTIFICATIONS/LICENSES

Official SOS Registration: MEYER ENGINEERS, LTD.

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

Name	Type	City	Status
MEYER ENGINEERS, LTD.	Business Corporation	METAIRIE	Active

Previous Names

Business: MEYER ENGINEERS, LTD.
Charter Number: 33505960D
Registration Date: 7/13/1981

Domicile Address
4937 HEARST ST., SUITE 1B
METAIRIE, LA 70001

Mailing Address
4937 HEARST ST., SUITE 1B
METAIRIE, LA 70001

Principal Office Address
4937 HEARST ST., SUITE 1B
METAIRIE, LA 70001

Official SOS Registration: THOMPSON ENGINEERING, INC., OF LOUISIANA

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Name	Type	City	Status
THOMPSON ENGINEERING, INC., OF LOUISIANA	Business Corporation (Non-Louisiana)	MOBILE	Active

Previous Names
THOMPSON ENGINEERING TESTING, INC. (Changed: 3/24/2004)

Business: THOMPSON ENGINEERING, INC., OF LOUISIANA
Charter Number: 35015664F
Registration Date: 12/15/2000

Domicile Address
2970 COTTAGE HILL RD., STE. 190
MOBILE, AL 36606

Mailing Address
PO BOX 9637
MOBILE, AL 36691

Principal Business Office
2970 COTTAGE HILL RD., STE. 190
MOBILE, AL 36606

Registered Office in Louisiana
4459B BLUEBONNET BLVD.
BATON ROUGE, LA 70809

Principal Business Establishment in Louisiana
4459B BLUEBONNET BLVD
BATON ROUGE, LA 70809

Status

Status: Active
Annual Report Status: In Good Standing
Qualified: 12/15/2000
Last Report Filed: 11/18/2024
Type: Business Corporation (Non-Louisiana)

20. CERTIFICATIONS/LICENSES

Official SOS Registration: APS ENGINEERING AND TESTING, LLC

Search for Louisiana Business Filings

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Name	Type	City	Status
APS ENGINEERING AND TESTING, LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names

Business: APS ENGINEERING AND TESTING, LLC
Charter Number: 40911984K
Registration Date: 8/9/2012

Official SOS Registration: VECTURA CONSULTING SERVICES, LLC

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Name	Type	City	Status
VECTURA CONSULTING SERVICES, LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names

Business: VECTURA CONSULTING SERVICES, LLC
Charter Number: 41994609K
Registration Date: 8/24/2015

Domicile Address

4467 BLUEBONNET BLVD.
SUITE A
BATON ROUGE, LA 708099639

Mailing Address

PO BOX 14269
BATON ROUGE, LA 70898

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 8/24/2015
Last Report Filed: 7/26/2024
Type: Limited Liability Company

20. CERTIFICATIONS/LICENSES

Official SOS Registration: MODJESKI AND MASTERS, INC.

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Name	Type	City	Status
MODJESKI AND MASTERS, INC.	Business Corporation (Non-Louisiana)	MECHANICSBURG	Active

Previous Names

Business: MODJESKI AND MASTERS, INC.
Charter Number: 34396692F
Registration Date: 12/27/1991

Domicile Address

100 STERLING PARKWAY, SUITE 302
MECHANICSBURG, PA 17050

Mailing Address

100 STERLING PARKWAY
SUITE 302
MECHANICSBURG, PA 17050

Principal Business Office

100 STERLING PARKWAY
SUITE 302
MECHANICSBURG, PA 17050

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

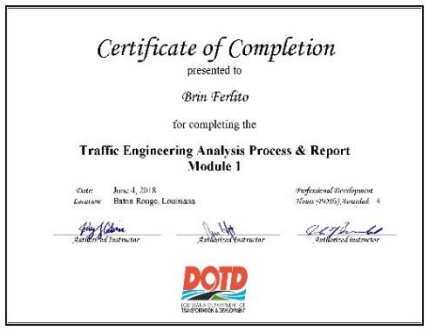
1100 POYDRAS STREET
SUITE 900
NEW ORLEANS, LA 70163

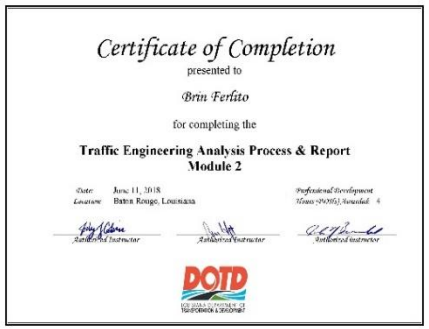
Status

Status: **Active**
Annual Report Status: **In Good Standing**
Qualified: 12/27/1991
Last Report Filed: 11/27/2023
Type: Business Corporation (Non-Louisiana)

20. CERTIFICATIONS/LICENSES

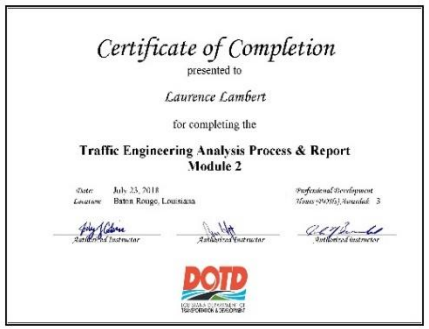
Certifications & Licenses: Vectura Consulting Services, LLC


Certificate of Completion
presented to
Brin Ferlito
for completing the
Traffic Engineering Analysis Process & Report
Module 1
Date: June 4, 2018
Location: Baton Rouge, Louisiana
DOTD

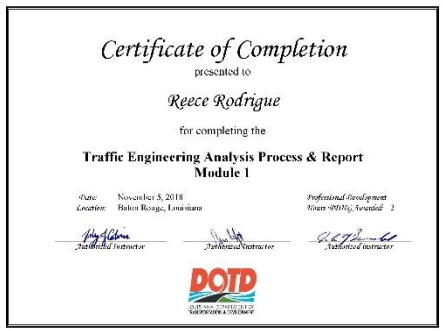

Certificate of Completion
presented to
Brin Ferlito
for completing the
Traffic Engineering Analysis Process & Report
Module 2
Date: June 11, 2018
Location: Baton Rouge, Louisiana
DOTD

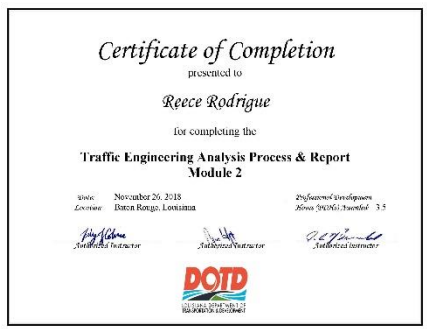

Certificate of Completion
presented to
Brin Ferlito
for completing the
Traffic Engineering Analysis Process & Report
Module 3
Date: September 10, 2018
Location: Baton Rouge, Louisiana
DOTD

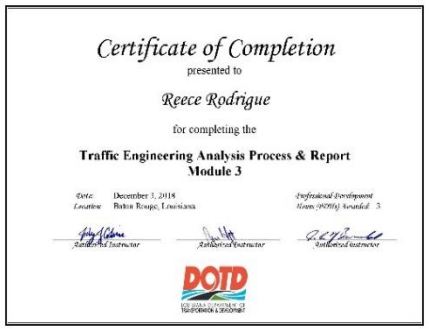

Certificate of Completion
presented to
Laurence Lambert
for completing the
Traffic Engineering Analysis Process & Report
Module 1
Date: July 16, 2018
Location: Baton Rouge, Louisiana
DOTD

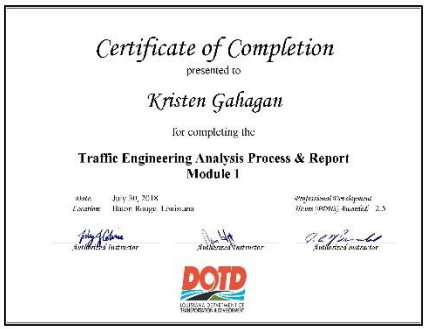

Certificate of Completion
presented to
Laurence Lambert
for completing the
Traffic Engineering Analysis Process & Report
Module 2
Date: July 23, 2018
Location: Baton Rouge, Louisiana
DOTD


Certificate of Completion
presented to
Laurence Lambert
for completing the
Traffic Engineering Analysis Process & Report
Module 3
Date: October 15, 2018
Location: Baton Rouge, Louisiana
DOTD

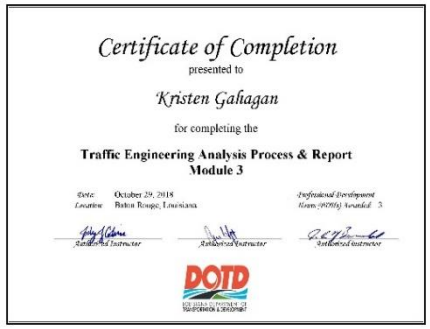

Certificate of Completion
presented to
Reece Rodrigue
for completing the
Traffic Engineering Analysis Process & Report
Module 1
Date: November 5, 2018
Location: Baton Rouge, Louisiana
DOTD


Certificate of Completion
presented to
Reece Rodrigue
for completing the
Traffic Engineering Analysis Process & Report
Module 2
Date: November 26, 2018
Location: Baton Rouge, Louisiana
DOTD


Certificate of Completion
presented to
Reece Rodrigue
for completing the
Traffic Engineering Analysis Process & Report
Module 3
Date: December 3, 2018
Location: Baton Rouge, Louisiana
DOTD

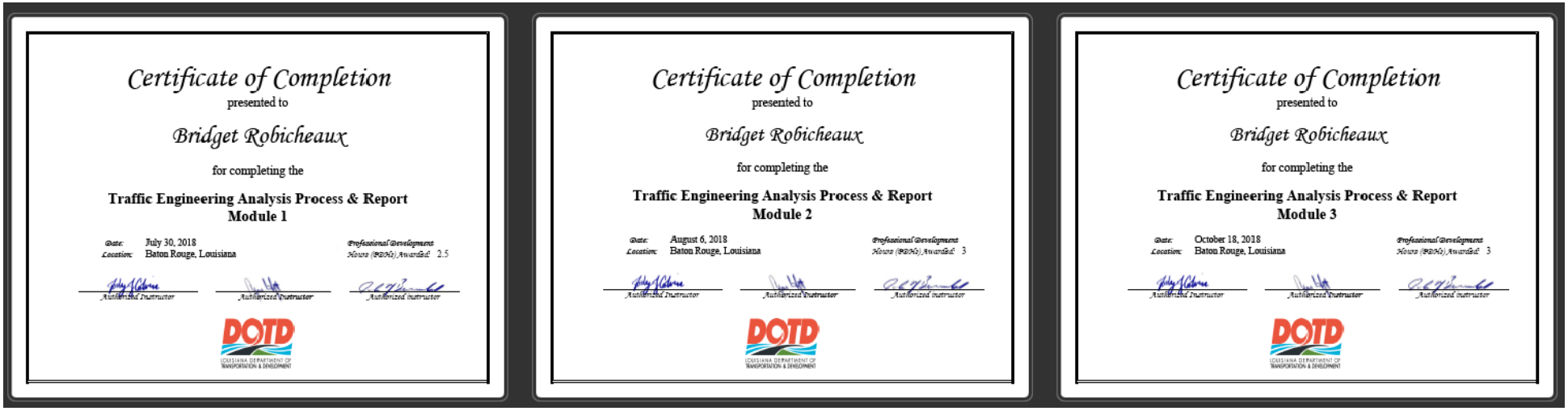

Certificate of Completion
presented to
Kristen Gahagan
for completing the
Traffic Engineering Analysis Process & Report
Module 1
Date: July 30, 2018
Location: Baton Rouge, Louisiana
DOTD


Certificate of Completion
presented to
Kristen Gahagan
for completing the
Traffic Engineering Analysis Process & Report
Module 2
Date: August 6, 2018
Location: Baton Rouge, Louisiana
DOTD


Certificate of Completion
presented to
Kristen Gahagan
for completing the
Traffic Engineering Analysis Process & Report
Module 3
Date: October 29, 2018
Location: Baton Rouge, Louisiana
DOTD

20. CERTIFICATIONS/LICENSES

Certifications & Licenses: Vectura Consulting Services, LLC (Continued)



Certificate of Completion
presented to
Bridget Robicheaux
for completing the
Traffic Engineering Analysis Process & Report
Module 1
Date: July 30, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 2.5
Authorized Instructor
Authorized Instructor
Authorized Instructor
DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Bridget Robicheaux
for completing the
Traffic Engineering Analysis Process & Report
Module 2
Date: August 6, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 3
Authorized Instructor
Authorized Instructor
Authorized Instructor
DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Bridget Robicheaux
for completing the
Traffic Engineering Analysis Process & Report
Module 3
Date: October 18, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 3
Authorized Instructor
Authorized Instructor
Authorized Instructor
DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

21. QA/QC PLAN

NOT APPLICABLE

22. SUB-CONSULTANT INFORMATION

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

FIRM NAME (NAME MUST MATCH AS REGISTERED WITH LOUISIANA'S SECRETARY OF STATE)	**ADDRESS**	**POINT OF CONTACT AND EMAIL ADDRESS**	**PHONE NUMBER**
THOMPSON ENGINEERING, INC. OF LOUISIANA	2970 Cottage Hill Road, Suite 190 Mobile, AL 36606	Scott Hardy Chief Operating Officer shardy@thompsonengineering.com	251-665-5434
SJB GROUP, L.L.C.	8377 Picardy Avenue, Baton Rouge, LA 70809	Matthew Estopinal, P.E., P.L.S. CEO, Principal Matt.Estopinal@SJBGroup.com	225-769-3400
APS ENGINEERING AND TESTING, LLC	1645 Nicholson Drive, Baton Rouge, LA 70802	Sergio Aviles, P.E. President, Principal sergio@aps-testing.com	225-456-5714
VECTURA CONSULTING SERVICES, LLC	4467 Bluebonnet Blvd, Suite A Baton Rouge, LA 70809	Sheelagh B. Ferlito, P.E., P.T.O.E. Principal bferlito@vecturacs.com	225-223-6685
MODJESKI AND MASTERS, INC.	1100 Poydras St., Suite 900 New Orleans, LA 70163	Cullen J. Ledet, P.E. Vice President cjledet@modjeski.com	504-524-4344

23. LOCATION

NOT APPLICABLE