



November 13, 2025

Statement of Qualifications

IDIQ CONTRACTS FOR ELECTRICAL SERVICES

Contract Numbers: 4400032995 and 4400032996
Statewide

DOTD FORM: 24-102

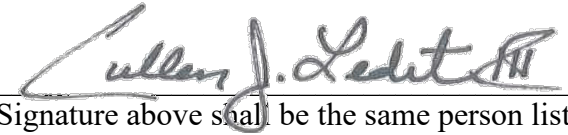
PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised August 11, 2025)

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.

1. Contract Name as shown in the advertisement	IDIQ CONTRACTS FOR ELECTRICAL SERVICES
2. Contract Number(s) as shown in the advertisement	4400032995 and 4400032996
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	Modjeski and Masters, Inc. 
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.0000570
6. Prime consultant mailing address	1100 Poydras Street, Suite 900, New Orleans, LA 70163
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1100 Poydras Street, Suite 900, New Orleans, LA 70163
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Cullen J. Ledet, PE Vice President 504-524-4344 CJLedet@modjeski.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Cullen J. Ledet, PE Vice President 504-524-4344 CJLedet@modjeski.com

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.



Signature above shall be the same person listed in Section 9:

Date: November 13, 2025

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.

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.

<u>Firm(s):</u>	<u>Firm(s)' %:</u>
Civil Design & Construction, Inc.	3%
Vectura Consulting Services, LLC	5%

12. Discipline Table:

Discipline(s)	% of Overall Contract	Modjeski and Masters, Inc. (Prime)	Aillet, Fenner, Jolly & McClelland, Inc.	Fugro USA Land, Inc.	Vectura Consulting Services, LLC	Lazenby & Associates, Inc.	Civil Design & Construction, Inc.	Each Discipline must total to 100%
Other (Roadway Lighting)	75%	90%	10%					100%
Bridge	10%	25%	75%					100%
Geotech	5%			100%				100%
Traffic	5%				100%			100%
Survey	5%					50%	50%	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%	70%	15%	5%	5%	3%	3%	
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13. Team 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)
	Principal	2	10
	Supervisor - Eng	4	12
	Supervisor - Other	0	3
	Engineer	3	12
	Engineer - Other	1	13
	Engineer Intern	3	10
	Professional	1	2
	Senior Technician	1	2
	Technician	1	2
	CADD Technician	1	5
	CADD Operator	1	1
	Clerical	0	2
	Accountant	0	1
	CADD Operator	1	6
	Clerical	1	2
	Designer	0	3
	Engineer	1	5
	Engineer Intern	0	1
	Principal	1	3
	Supervisor - Eng	1	2
	Surveyor	0	1

13. Team Size:			
Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this contract *	Total number of personnel available in this DOTD Job Classification (if needed)
	Principal	2	2
	Supervisor - Eng	2	4
	Supervisor - Other	3	4
	Engineer	1	2
	Engineer - Other	2	4
	Geologist	2	2
	CADD Technician	1	4
	Driller	2	8
	Labor	4	16
	Senior Technician	4	8
	Administrative	1	3
	Supervisor - Eng	2	2
	Engineer	2	5
	Engineer Intern	2	2
	Senior Technician	2	3
	Technician	0	2
	Supervisor – Other	0	1
	Clerical	1	1

13. Team 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)
	CADD Drafter	2	4
	CADD Operator	1	1
	Clerical	0	3
	Engineer	3	7
	Engineer Intern	1	1
	Instrument Man	2	2
	Party Chief	2	2
	Rodman	2	2
	Supervisor - Eng	1	3
	Surveyor	1	2
	Principal	1	1
	Surveyor	1	2
	Party Chief	3	5
	Instrument Man	2	3
	Rodman	2	2
	CADD Operator	1	1
	Senior Technician	3	6
	Supervisor – Other	1	1

14. Organizational Chart:

LEGEND

- *** Traffic Engineering Analysis Process & Report Training
- +** Work Zone Training
- #** NEC/NFPA 70E Training



CONTRACT MANAGEMENT

Cullen J. Ledet, PE +
Principal & Quality Assurance

PROJECT MANAGEMENT

Jonathan E. Gerhart, PE #
Senior Project Manager & QC

TECHNICAL ADVISOR

Ralph J. Eppehimer, PE
Senior Vice President

TRAFFIC



Brin Ferlito, PE, PTOE *+
Principal

Laurence L. Lambert, PE, PTOE *+
Principal

Reece R. Rodrigue, PE, PTOE *+
Project Traffic Engineer

Kristen Farrington, PE, PTOE *+
Project Traffic Engineer

Ronald St. Angelo *
Construction Specialist

David Watkins *
Construction Specialist

TOPOGRAPHIC SURVEY



(North Louisiana Region)

Jerry Lazenby, PE, PLS +
Ronald J. Riggin, PE, PLS +
Paul D. Fryer, PE, PLS +
Randy C. Hammons, PE +
James S. Ellingburg, PE +
Noah J. Sampognaro, EI +
Blaine T. Holloway, EI +



(South Louisiana Region)

Karla Weston, PE
Chris Ballard, PLS
Madison Mills, PLS
Scott Benton +
Chancey Cothren, LSI
Jacob Stoehr +
Drennon Humphreys +
Alex Wells +
Hunter Smith +
Clarence J. Goodspeed +
Tracey Smith +

ELECTRICAL DESIGN



Joseph G. Strenkoski, PE
Vice President - Electrical

Jonathan E. Gerhart, PE #
Senior Project Manager - Electrical

Erin N. Rodgers, PE #
Electrical Engineer

Thien T. Pham, PE #
Electrical Engineer

Seth W. Cummings, EI #
Engineer-in-Training

CIVIL AND STRUCTURAL DESIGN



Matthew J. Wallace, PE, SE
Principal & Structural Engineer

Paul Cormier, PE
Structural Engineer

Elba A. Urbina, PE
Civil Engineer

Edie Langley
CADD Operator

GEOTECHNICAL



Eric Marx, PE
General Manager

Paul Bullock, PhD, PE
Chief Engineer

Mike Hollier, PE
Project Engineer

Peter Cole
Environmental Services Manager

Robert Johnson
Laboratory Manager

Mike Allen, PG
Geoscientist

Martin Skyrman, PE
Senior Consultant

Deborah Meyer-Sayer
CADD Technician

Steve Williams
Site Investigations

Sheldon Collins
CPT Manager

Viet Le
Project Engineer

QUALITY ASSURANCE



Cullen J. Ledet, PE +
Quality Assurance Manager

Modjeski and Masters, Inc.

15. Minimum Personnel Requirements:

MPR No.	Personnel being used to meet the MPR	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Joseph Strenkoski, PE	Modjeski and Masters, Inc	PE #38336 – Electrical	LA	03/31/2026
	Ralph J. Eppehimer, PE	Modjeski and Masters, Inc	PE #23251 – Civil	LA	03/31/2027
2	Joseph Strenkoski, PE	Modjeski and Masters, Inc.	PE #38336 – Electrical	LA	03/31/2026
3	Jonathan E. Gerhart, PE	Modjeski and Masters, Inc	PE #43052 – Electrical	LA	03/31/2027
4	Jonathan E. Gerhart, PE	Modjeski and Masters, Inc	PE #43052 – Electrical	LA	03/31/2027
5	Erin Rodgers, PE	Modjeski and Masters, Inc	PE #50137 – Electrical	LA	09/30/2027
6	Cullen J. Ledet, PE	Modjeski and Masters, Inc.	PE #33222 – Civil	LA	09/30/2027
7	Matthew J. Wallace, PE, SE	Aillet, Fenner, Jolly & McClelland, Inc.	PE #25922 – Structural	LA	09/30/2027
	Paul Cormier, PE	Aillet, Fenner, Jolly & McClelland, Inc.	PE #27019 – Structural	LA	03/31/2027
8	Thien Pham, PE	Modjeski and Masters, Inc.	PE #97084 - Electrical	FL	02/28/2027
9	Ronald J. Riggan, II, PE, PLS	Lazenby & Associates, Inc.	PLS #5119	LA	03/31/2027
	Paul D. Fryer, PE, PLS	Lazenby & Associates, Inc.	PLS #4806	LA	09/30/2027
	Chris Ballard	Civil Design & Construction, Inc.	PLS #5033	LA	09/30/2026
10	Laurence Lambert, PE, PTOE, PTP	Vectura Consulting Services, LLC	PTOE #1303		02/03/2028
	Brin Ferlito, PE, PTOE	Vectura Consulting Services, LLC	PTOE #932		09/09/2027
11	Eric Marx, PE	Fugro USA Land, Inc.	PE #31479 – Civil	LA	03/31/2027
12	Robert Johnson	Fugro USA Land, Inc.			
13	Steve Williams	Fugro USA Land, Inc.			

16. Staff Experience:Firm employed by **Modjeski and Masters, Inc.**

Name	Cullen J. Ledet, PE	Years of relevant experience with this employer	23
Title	Vice President & LA Regional Director	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	BS 2000 Civil Engineering		
Active registration number / state / expiration date	PE.0033222 LA 09/30/2027		
Year registered	2007	Discipline	Civil



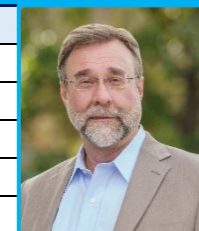
Mr. Ledet, Vice President and Louisiana Regional Director with Modjeski and Masters, has over 20 years of experience in the design of fixed and movable highway and railroad bridges. He also has provided quality assurance for all disciplines represented in the plans and specifications for numerous LADOTD Roadway Lighting Projects. He has consulted with personnel at DOTD Headquarters (Electrical Design) and various District offices to ensure the proposed lighting design meets the local needs while adhering to DOTD Illumination Standards. Mr. Ledet is very familiar with the DOTD Electronic Deliverable requirements and ensures that the firm remains up-to-date with current Consultant Workflow procedures. Mr. Ledet also led the development of Transportation Management Plans (including Level 4) for various DOTD projects and he is currently compliant with work zone training (TCT/TCS/Flagger). **Mr. Ledet will serve as the Contract Manager and Quality Assurance Manager for all engineering disciplines on all task orders and fulfills MPR #6.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/17 – Ongoing	H.003184: I-10: Texas State Line – E. of Coone Gully Lighting, Calcasieu Parish, LA LADOTD M&M performed a study of the existing roadway lighting system of Interstate 10 (I-10) in Calcasieu Parish at five locations for the LADOTD as part of S.P. H.003184 which calls for a portion of I-10 from the Texas state line through to the East of Coone Gully to be widened from four to six lanes of travel. The scope of the work and inquiry consisted of an illumination and roadway lighting construction feasibility study at the five specified locations. The as-designed roadway lighting systems were evaluated and compared to the proposed widened geometry to determine if the existing systems would remain in compliance with LADOTD Illumination standards. Where needed, modifications were recommended to satisfy required illumination and electrical criteria. Mr. Ledet provided contract management and provided quality assurance for all engineering disciplines as part of this project.
09/16 – 09/19	H.012503: I-12 @ LA 447 (Walker) Interchange Lighting, Walker, LA LADOTD The project involved the design of roadway lighting at the I-12/LA 447 Interchange in Walker, LA. The design included providing lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and construction related services including shop drawing review and field inspections. Mr. Ledet provided contract management and quality assurance for all engineering disciplines as part of this project. He also provided construction related support by reviewing the structural components of the installed light poles including anchor bolts, base plates and drilled shafts.
09/15 – 07/21	H.003003: I-10: E. Jct. I-49 to LA 328 Lighting, Lafayette and St. Martin Parishes LA LADOTD The project involved the design of roadway lighting on Interstate 10 from I-49 to LA328 in Lafayette, LA. The design included the use of high-mast and low-mast poles as well as underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and construction related engineer services including shop drawing review and field inspections. Mr. Ledet provides contract management and quality assurance for all engineering disciplines as part of this project. He also provided construction related support by reviewing the structural components of the installed light poles including anchor bolts, base plates and drilled shafts.

10/15 – 11/22	H.003014: I-10: LA 347 to Atchafalaya Floodway Bridge Lighting, St. Martin Parish LA LADOTD The project involved the design of roadway lighting for Interstate 10 from LA347 to Atchafalaya Floodway Bridge in Lafayette, LA. The design included providing low-mast lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and provided construction related engineering services including shop drawing review and field inspections. Mr. Ledet provides contract management and quality assurance for all engineering disciplines as part of this project. He also provided construction related support by reviewing the structural components of the installed light poles including anchor bolts, base plates and drilled shafts.
12/13 - 05/17	H.010863: I-10 @ Ambassador Caffery Parkway Interchange Lighting, Lafayette, LA LADOTD The project involved the design of roadway lighting for the Ambassador Caffery Parkway (LA 3184) Interchange along Route I-10 in Lafayette, LA. The design included the use of high-mast and low-mast poles as well as underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections. Mr. Ledet provided quality assurance for all engineering disciplines and oversaw plan development for this project. He also provided construction related support by reviewing the structural components of the installed light poles including anchor bolts, base plates and drilled shafts.
06/12 - 10/17	H.009201: I-20 @ Garrett Road Interchange Lighting, Monroe, LA LADOTD The project involved the design of roadway lighting for the Garrett Road Interchange along Route I-20 in Monroe, LA. The design included the use of low-mast poles and underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections. Mr. Ledet provided quality assurance for all engineering disciplines and oversaw plan development for this project. He also provided construction related support by reviewing the structural components of the installed light poles including anchor bolts, base plates and drilled shafts.
10/10 - 04/15	H.000336: LA 431 Lighting Improvements. Ascension Parish, LA LADOTD The project involved the design of roadway lighting for four intersections along Route LA 431 as part of an overall improvement project. The design was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M performed a photometric analysis of the intersections and provided plan development of lighting plans and specifications conforming to the LADOTD Illumination Standards and National Electrical Code. M&M also provided construction related engineering services during construction. Mr. Ledet provided quality assurance for all engineering disciplines and oversaw plan development for this project.
11/10 – 05/15	H.002691: LA8/US 171 Roundabout. Vernon Parish, LA LADOTD The project involved the design of roadway lighting for a two-lane, four-legged modern roundabout that was reconstructed from a signalized T-intersection of US-171 with LA 8/28. The design incorporated the use of decorative light fixtures and poles and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections. Mr. Ledet provided quality assurance and oversaw plan development for this project.

16. Staff Experience:

Firm employed by Modjeski and Masters, Inc.			
Name	Ralph J. Eppehimer, PE	Years of relevant experience with this employer	46
Title	Senior Vice President & Director of Field Services	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization	BS	1982	Civil Engineering
Active registration number / state / expiration date	23251	LA	3/31/2027
Year registered	1989	Discipline	Civil



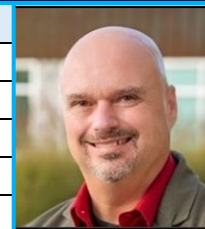
Mr. Eppehimer has over 45 years of field services experience with Modjeski and Masters, Inc. and is a Principal and the Director of Field Services. He has vast experience in all aspects of field services including new bridge construction, safety and maintenance inspections of existing bridges, repair and rehabilitation of bridges, and emergency response to bridge accidents. He has been the construction project manager, resident engineer, assistant resident engineer and technical advisor on a number of significant movable bridge projects, primarily railroad bridges. Mr. Eppehimer's technical specialties are the field inspection of all types of bridge, field monitoring of movable bridge construction, repair and rehabilitation of bridges, and the repair and retrofit of movable bridges. **Mr. Eppehimer fulfills MPR No. 1 for this contract.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/15 – 03/20	UPRR 305.45 Angleton Sub San Bernard Bridge. Sweeney, TX Union Pacific Railroad M&M provided the design for a new vertical lift bridge that will replace an existing swing span bridge over the San Bernard River in the Angleton Subdivision of the Union Pacific Railroad. M&M worked with the UPRR to accommodate an accelerated construction schedule, and provided construction support for the project. The new bridge was designed to be “remote control ready.” Mr. Eppehimer served as the Principal-in-Charge for this project.
02/12 - 02/23	2007-062-RB Lapalco Bridge Repairs, Jefferson Parish, LA Jefferson Parish This project involved the rehabilitation, repairs (structural, mechanical, electrical and architectural), and repainting of this four-lane, bascule highway bridge. Modjeski and Masters provided the development of plans and specifications and construction services. Mr. Eppehimer was the Project Manager for all the construction engineering support services associated with this project.
11/16– 5/17	Seabrook Bridge Floor System Replacement. New Orleans, LA Port of New Orleans Modjeski and Masters prepared the plans and specifications to replace the railroad floor system between the trusses of the Seabrook Railroad Bridge for the Port of New Orleans. M&M also developed the sequence of construction to minimize the impacts to the rail and marine traffic as well as maintain the span balance throughout construction. Mr. Eppehimer was Principal-in-Charge for this project.
02/17– 5/17	Seabrook Bridge Link Pin Joints Emergency - Construction Services. New Orleans, LA Port of New Orleans After M&M completed the initial investigation and developed emergency repair contract documents for the partially failed 2nd Link joint on the Seabrook Strauss Bascule Bridge, the Port of New Orleans called upon M&M to provide Construction Support Services for the project. M&M reviewed all Contractor RFIs, shop drawings, and procedure submittals for the project. M&M also provided on-site construction inspection services throughout the repair effort. Mr. Eppehimer was Principal-in-Charge for this project.
03/09-01/10	Bridge 73.31 across Bayou Boeuf, Amelia, LA BNSF Railway Mr. Eppehimer served as the Construction Project Manager for M&M, overseeing the replacement of an older, single-track railroad, through-plate girder swing span with a new through-plate girder swing span. He made monthly project site visits during construction, including during the span change-out period. He also provided construction engineering office support and supervised the full-time, on-site Resident Inspector on the project.

02/07-07/07	Vertical Lift Span Relocation, Union Pacific Railroad, Houma, LA to Freeport, TX Mr. Eppehimer served as the Construction Project Manager overseeing the disassembly and relocation of an existing, single-track railroad vertical lift span from Houma, LA to Freeport, TX where it was rebuilt with modifications to replace an older through-truss swing. He made monthly visits during construction to either project site, as appropriate, including during the span change-out period in Texas. He also provided construction engineering office support and supervised the full-time, on-site Resident Inspector.
01/01-05/09	Florida Avenue Bridge Replacement, New Orleans, LA Port of New Orleans Mr. Eppehimer served as the Construction Project Manager for M&M, overseeing the replacement of an older bascule span carrying a double-track and two vehicular roadway lanes with a new vertical lift span carrying a single-track and two vehicular roadway lanes, to improve the width of the navigation channel. He made periodic fabrication shop visits, including to South Korea, and monthly project site visits during construction, including during the span change-out period. He also provided construction engineering office support and supervised the on-site Resident Engineer and inspection team.
12/06–07/07	Pointe-A-La-Hache Ferry Landing Rehabilitation. Plaquemines Parish, LA LADOTD The proposed overall project consisted of performing a rehabilitation of the Pointe-A-La-Hache East Bank and West Bank Ferry Landings for the ferry crossing the Mississippi River. Preliminary plans were prepared in accordance with the requirements of the DOTD Roadway Plan Preparation Manual, Bridge Design Manual, Off-System Bridge Rehabilitation and Replacement Program Guidelines and Hydraulics Manual. Specifications were in accordance with latest edition of the Louisiana Standards Specifications for the Road and Bridges. As a sub-consultant, Modjeski and Masters developed preliminary plans for the electrical and mechanical layout drawings and associated electrical and mechanical general notes. This work basically covered the design of the approach lifting mechanism and electrical power requirements for the lifting equipment and approach bridge lighting. Mr. Eppehimer provided constructability oversight for this project.
09/05 – 10/06	LADOTD-CCCD Ferry Facilities Repairs. New Orleans, LA LADOTD Hurricane Katrina struck the Greater New Orleans area causing significant damage to LADOTD-CCCD facilities. Modjeski and Masters swiftly responded to establish communications with LADOTD personnel and quickly received assignments for emergency response to fixed and floating assets as related to the LADOTD-CCCD ferry facilities. M&M provided inspection, reporting, repair detailing and monitoring of construction repairs of damages caused by Hurricane Katrina to ferry facility buildings, pedestrian access bridges, vehicle roadway bridges and moorings. The facilities included: Canal Street, Algiers, Jackson Avenue, Greta, Lower Algiers and Maintenance Landing. Mr. Eppehimer served as the Project Manager for this project.
1996-1997	Casco Bay Bridge Replacement, Portland, ME Maine DOT The project called for the replacement of a double-leaf bascule bridge over the Fore River with a structure consisting of a 285 ft. double-leaf bascule span. Mr. Eppehimer served as a Technical Advisor to the Maine DOT during construction of the bascule spans. This assignment included making structural and machinery shop visits to observe fabrication and shop assemblies and tests, and providing a full-time presence, on-site, during the movable span and machinery erection period.

16. Staff Experience:Firm employed by **Modjeski and Masters, Inc.**

Name	Joseph G. Strenkoski, PE	Years of relevant experience with this employer	13
Title	Vice President & Principal - Electrical	Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization	BS	1988	Electrical Engineering
Active registration number / state / expiration date	38336	LA	03/31/2026
Year registered	2013	Discipline	Electrical



Mr. Strenkoski has been employed by Modjeski and Masters, Inc. since 2013. He has more than 31 years of experience in the electrical engineering consulting field including over a decade of project management work and almost two decades of electrical group management. Mr. Strenkoski has multi-discipline and multi-project management exposure including in-house coordination of civil, structural, and mechanical/ electrical efforts, as well as relating with clients and consultants. Mr. Strenkoski has served as Project Manager for numerous LADOTD Roadway Lighting Design Projects. **Mr. Strenkoski fulfills MPR Nos. 1 and 2 for this contract.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/19 – 03/23	H.011137.5 & 6 Lighting Engineering Design Services for I-12: LA 1077 to US 190. Covington, LA LADOTD As part of an overall interstate widening project, M&M provided an investigation for a future roadway lighting system along I-12 in St. Tammany Parish. M&M provided an illumination analysis per LADOTD standards for a complete lighting design at the I-12 at LA 1077, I-12 at LA 21, I-12 at Pinnacle Pkwy, and I-12 at US 190 interchanges. M&M provided plans and specifications for lighting and electrical equipment to accommodate installation of a future lighting system as well as plans and specifications for a new navigation lighting design on the widened Tchefuncte River Bridge. M&M also provided construction related engineering services for this project. Mr. Strenkoski serves as the Project Manager for this project.
02/17 – 09/19	H.003184: I-10: Texas State Line – E. of Coone Gully Lighting, Calcasieu Parish, LA LADOTD M&M performed a study of the existing roadway lighting system of Interstate 10 (I-10) in Calcasieu Parish at five locations for the LADOTD as part of S.P. H.003184 which calls for a portion of I-10 from the Texas state line through to the East of Coone Gully to be widened from four to six lanes of travel. The scope of the work and inquiry consisted of an illumination and roadway lighting construction feasibility study at the five specified locations. The as-designed roadway lighting systems were evaluated and compared to the proposed widened geometry to determine if the existing systems would remain in compliance with LADOTD Illumination standards. Where needed, modifications were recommended to satisfy required illumination and electrical criteria. Mr. Strenkoski served as Project Manager for this project.
09/16 – 09/19	H.012503: I-12 @ LA 447 (Walker) Interchange Lighting, Walker, LA LADOTD The project involved the design of roadway lighting at the I-12/LA 447 Interchange in Walker, LA. The design included providing lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans and construction estimates, and construction related services including shop drawing review and field inspections. Mr. Strenkoski served as Project Manager for this project.
09/15 – 07/21	H.003003: I-10: E. Jct. I-49 to LA 328 Lighting, Lafayette and St. Martin Parishes LA LADOTD The project involved the design of roadway lighting on Interstate 10 from I-49 to LA328 in Lafayette, LA. The design included the use of high-mast and low-mast poles as well as underpass lighting and was coordinated with the local government agencies.

	as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and construction related engineer services including shop drawing review and field inspections. Mr. Strenkoski serves as Project Manager for this project.
10/15 – 11/22	H.003014: I-10: LA 347 to Atchafalaya Floodway Bridge Lighting, St. Martin Parish LA LADOTD The project involved the design of roadway lighting for Interstate 10 from LA347 to Atchafalaya Floodway Bridge in Lafayette, LA. The design included providing low-mast lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans and construction estimates, and construction related engineering services including shop drawing review and field inspections. Mr. Strenkoski serves as Project Manager for this project.
08/13 – 04/17	Route 79/Braga Bridge Improvements, Fall River, MA MassDOT Route 79/Braga Bridge Improvements Project - This design-build project included the design of roadway LED lighting and architectural landscape and decorative LED lighting for major improvements to the Fall River Route 79 and Braga Bridge interchanges. Design involved detailed lighting with photometric calculations, voltage drop calculations, wire and conduit sizing for lighting circuits. The design also involved power distribution and lighting control design to meet MassDOT standards. Mr. Strenkoski served as the Project Electrical/Lighting Design Engineer.
04/14 – 01/15	West Larose Bridge Rehabilitation. Larose, Louisiana Louisiana Department of Transportation LADOTD called upon M&M to produce plans, specifications and construction cost estimates for the structural, mechanical and electrical rehabilitation of the West Larose Vertical Lift Bridge on Route LA 1 in Lafourche Parish. The rehabilitation was done to allow the structure to operate reliably for an additional 30-40 years with regular maintenance. Operation and Maintenance manuals were also developed for the bridge. Mr. Strenkoski served as Electrical Task Manager for this project.
02/14 – 07/15	Lapalco Br. Repairs Constr. Supplement. Harvey, Louisiana Jefferson Parish Dept. Of Public Works (2014 - 2015) M&M continued their support of Jefferson Parish with accepting the assignment for continuing improvements to the Lapalco Boulevard bascule bridge over the Harvey Canal. M&M performed UT investigations of the girder hanger pins, assessed the different brake systems for the bridge and developed mechanical and electrical contract documents for various repairs. Mr. Strenkoski served as an Electrical Engineer.
04/14 – 05/14	4th Street Harvey Bridge Rehab - Final Plans. Harvey, Louisiana LADOTD As a continuation of a previous work order, M&M continued the rehabilitation design of the 4th Street Bridge in Harvey, LA. The final structural, electrical and mechanical plans were developed under this work order as well as answering contractor questions during the bidding phase. Mr. Strenkoski served as electrical technical reviewer responsible for QA/QC for this LADOTD project.

16. Staff Experience:Firm employed by **Modjeski and Masters, Inc.**

Jonathan E. Gerhart, PE	Years of relevant experience with this employer	15
Senior Project Manager - Electrical	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization	BS 1998	Electrical Engineering
Active registration number / state / expiration date	43052	LA 3/31/2027
Year registered	2018	Discipline
		Electrical



Contract role(s) / brief description of responsibilities:

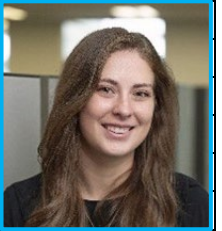
Mr. Gerhart is a Senior Project Manager in Modjeski and Masters' Electrical Engineering Section and has over 25 years of experience in the design of electrical distribution systems, control systems and safety systems, including roadway lighting systems. Having over 15 years of experience on LADOTD Roadway Lighting Projects, Mr. Gerhart is experienced with photometric analysis and roadway lighting design (both HPS and LED), including inspections, construction support, and troubleshooting. He has vast expertise in all matters related to lighting systems having served as Lead Design Engineer for numerous LADOTD roadway lighting projects and has developed evaluations, recommendations, cost estimations, value engineering and consultations with LADOTD electrical staff. **Mr. Gerhart will serve as the Project Manager and fulfills MPR Nos. 3 and 4.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/17 – Ongoing	H.003184: I-10: Texas State Line – E. of Coone Gully Lighting, Calcasieu Parish, LA LADOTD M&M performed a study of the existing roadway lighting system of Interstate 10 (I-10) in Calcasieu Parish at five locations for the LADOTD as part of S.P. H.003184 which calls for a portion of I-10 from the Texas state line through to the East of Coone Gully to be widened from four to six lanes of travel. The scope of the work and inquiry consisted of an illumination and roadway lighting construction feasibility study at the five specified locations. The as-designed roadway lighting systems were evaluated and compared to the proposed widened geometry to determine if the existing systems would remain in compliance with LADOTD Illumination standards. Where needed, modifications were recommended to satisfy required illumination and electrical criteria. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performs field inspections during construction and works directly with LADOTD electrical engineers.
12/22 – Ongoing	H.014646.5 I-20: US 165 to East of Garrett Road Lighting, Monroe, LA LADOTD M&M provided plans, technical specifications, special provisions and illumination analysis for the rehabilitation of the existing lighting system along I-20 from US 165 to E. of Garrett Road. M&M coordinated with the City of Monroe and interfaced with the Project Team for S.P. H.007300 on the selection of LED luminaires to provide consistent lighting throughout the project limits. Mr. Gerhart was the project manager for this project and oversaw the photometric analysis and final plan development.
12/19 – 03/23	H.011137.5 & 6 Lighting Engineering Design Services for I-12: LA 1077 to US 190. Covington, LA LADOTD As part of an overall interstate widening project, M&M provided an investigation for a future roadway lighting system along I-12 in St. Tammany Parish. M&M provided an illumination analysis per LADOTD standards for a complete lighting design at the I-12 at LA 1077, I-12 at LA 21, I-12 at Pinnacle Pkwy, and I-12 at US 190 interchanges. M&M provided plans and specifications for lighting and electrical equipment to accommodate installation of a future lighting system as well as plans and specifications for a new navigation lighting design on the widened Tchefuncte River Bridge. M&M also provided construction related engineering services for this project. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performs field inspections during construction and works directly with LADOTD electrical engineers.
07/18 - 06/21	H.012739: I-20 @ Vicksburg - Electrical, Vicksburg, MS LADOTD M&M provided electrical engineering services to develop final plans and specifications for rehabilitation of the existing electrical systems, including photometric report and replacement of roadway lighting with an LED design, replacement of navigation lighting and aerial beacons,

	and rehabilitation and relocation of low-voltage electrical components including monitoring equipment including monitoring equipment, MDOT equipment, river current monitoring equipment. M&M also provided construction related engineering services, including field inspections and shop drawing, as-built drawing and submittal review. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performed field inspections during construction and worked directly with LADOTD electrical engineers.
09/16 – 09/19	H.012503: I-12 @ LA 447 (Walker) Interchange Lighting, Walker, LA LADOTD The project involved the design of roadway lighting at the I-12/LA 447 Interchange in Walker, LA. The design included providing lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M performed photometric analysis, and provided plans & construction estimates and construction related engineering services including shop drawing review and field inspections. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performed field inspections during construction and worked directly with LADOTD electrical engineers.
09/15 – 07/21	H.003003: I-10: E. Jct. I-49 to LA 328 Lighting, Lafayette and St. Martin Parishes LA LADOTD The project involved the design of roadway lighting on Interstate 10 from I-49 to LA328 in Lafayette, LA. The design included the use of high-mast and low-mast poles as well as underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans and construction estimates, and construction related engineer services including shop drawing review and field inspections. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performs field inspections during construction and works directly with LADOTD electrical engineers.
12/13 - 05/17	H.010863: I-10 @ Ambassador Caffery Parkway Interchange Lighting, Lafayette, LA LADOTD The project involved the design of roadway lighting for the Ambassador Caffery Parkway (LA 3184) Interchange along Route I-10 in Lafayette, LA. The design included the use of high-mast and low-mast poles as well as underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections, including final punch-list inspection. Mr. Gerhart oversaw the photometric analysis, electrical calculations and final plan development for the design portion of this project. He also performed field inspections during construction and worked directly with LADOTD electrical engineers.
06/12 - 10/17	H.009201: I-20 @ Garrett Road Interchange Lighting, Monroe, LA LADOTD The project involved the design of roadway lighting for the Garrett Road Interchange along Route I-20 in Monroe, LA. The design included the use of low-mast poles and underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections. Mr. Gerhart served as Lead Electrical Design Engineer and Field Inspector for this project.
11/10 - 05/15	H.002691: LA8/US 171 Roundabout. Vernon Parish, LA LADOTD The project involved the design of roadway lighting for a two-lane, four-legged modern roundabout that was reconstructed from a signalized T-intersection of US-171 with LA 8/28. The design incorporated the use of decorative light fixtures and poles and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections, including final punch-list inspection. Mr. Gerhart served as Lead Electrical Design Engineer and Inspector for this project.

16. Staff Experience:Firm employed by **Modjeski and Masters, Inc.**

Name	Erin N. Rodgers, PE	Years of relevant experience with this employer	8
Title	Engineer - Electrical	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	BS 2017 Mechanical and Electrical Concentrations		
Active registration number / state / expiration date	050137 LA 09/30/2027		
Year registered	2022	Discipline	Electrical



Ms. Rodgers joined Modjeski and Masters, Inc. as an engineer in training in 2017 following her graduation from Elizabethtown College with a Bachelor of Science in Engineering. Ms. Rodgers currently serves as an Electrical Engineer for the Electrical section and has been involved in design and inspection of several movable bridges and lighting systems during her time with the firm. She also has experience with roadway lighting design, tunnel lighting design and utility coordination projects. **Ms. Rodgers is NEC/NFPA certified and fulfills MPR No. 5 for this contract.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/22 – Ongoing	H.014646.5 I-20: US 165 to East of Garrett Road Lighting. Monroe, LA LADOTD M&M provided plans, technical specifications, special provisions and illumination analysis for the rehabilitation of the existing lighting system along I-20 from US 165 to E. of Garrett Road. M&M coordinated with the City of Monroe and interfaced with the Project Team for S.P. H.007300 on the selection of LED luminaires to provide consistent lighting throughout the project limits. She completed a photometric analysis using Visual lighting software to achieve optimal lighting illumination levels and uniformity while minimizing pole quantity and related costs.
12/20 – 08/23	H.012889.5: I-20 Rehabilitation (Pines Road to I-220). Shreveport, LA LADOTD As part of an overall interstate improvement project, M&M was selected to develop roadway lighting plans to accommodate future interstate median lighting and to relocate any existing light poles in conflict with reconfigured on and off ramps. Ms. Rodgers is worked under the direction of a senior engineer to design a preliminary roadway lighting system for the I-20 widening project. She also participated in a site inspection to identify all existing electrical components in service. She performed a photometric analysis using Visual lighting software to achieve optimal lighting illumination levels and uniformity while minimizing pole quantity and related costs. She used the final approved photometric analysis report to generate final plans and specifications.
12/19 – 03/23	H.011137.5 & 6: Lighting Engineering Design Services for I-12: LA 1077 to US 190. Covington, LA LADOTD As part of an overall interstate widening project, M&M provided an investigation for a future roadway lighting system along I-12 in St. Tammany Parish. M&M provided an illumination analysis per LADOTD standards for a complete lighting design at the I-12 at LA 1077, I-12 at LA 21, I-12 at Pinnacle Pkwy, and I-12 at US 190 interchanges. M&M provided plans and specifications for lighting and electrical equipment to accommodate installation of a future lighting system as well as plans and specifications for a new navigation lighting design on the widened Tchefuncte River Bridge. M&M provided construction related engineering services for this project. Ms. Rodgers performed photometric analysis and assisted in final electrical plan development. She also participated in field inspections and reporting for the construction of this project.
10/17 – 07/21	H.003003.6: I-10: I-49 to LA 328 Lighting Construction Related Engineering Services. Lafayette, LA LADOTD M&M was selected to prepare final plans, specifications, photometric calculations and a construction cost estimate for the I-10 at I-49 to LA 328 Interchange Lighting. M&M will be working closely with local government agencies and utility companies to provide an optimum, low-maintenance lighting system. Ms. Rodgers worked under the direction of a senior engineer to review submittals for the roadway lighting design for the I-10 widening project in Louisiana. Her responsibilities included verifying contractor

	submissions met design intent and coordinating all equipment to be used on the project with the contractor. She also participated in field inspections and reporting for the construction of this project.
10/17 – 11/22	H.003014.6: I-10: LA 347 to Atchafalaya Floodway Bridge Lighting Construction Related Engineering Services. New Orleans, LA LADOTD M&M was selected to prepare final plans, specifications, photometric calculations and a construction cost estimate for the I-10 @ LA 347 Interchange which consists of two roundabouts. M&M worked closely with local government agencies and utility companies to provide an optimum, low-maintenance lighting system. Ms. Rodgers worked under the direction of a senior engineer to review submittals for the roadway lighting design for the I-12 widening project in Louisiana. Her responsibilities included verifying contractor submissions met design intent and coordinating all equipment to be used on the project with the contractor. She also participated in field inspections and reporting for the construction of this project.
01/18 – Ongoing	H.003184.5-2: I-10: Texas State Line to East of Coone Gully Lighting Design Related Engineering Services. Calcasieu Parish, LA LADOTD Ms. Rodgers worked under the direction of a senior engineer to design a roadway lighting system for I-10 widening project near Coone Gully, Louisiana. She completed a photometric analysis using Visual lighting software to achieve optimal lighting illumination levels and uniformity while minimizing pole quantity and related costs. Ms. Rodgers also worked to develop complete lighting plans for the project including plan layouts, pole schematics, and equipment detailing. She also participated in field inspections and reporting for the construction of this project.
07/18 – 07/19	H.011235.5: I-49 South at Verot School Road – Lafayette, LA LADOTD Ms. Rodgers worked under the direction of a senior engineer to design a preliminary roadway lighting system for the new interchange to be built at the intersection of I-49 and Verot School Rd near Lafayette, Louisiana. She completed a photometric analysis using Visual lighting software to achieve optimal lighting illumination levels and uniformity while minimizing pole quantity and related costs.
07/22 – Ongoing	I-10 Calcasieu Bridge Replacement, Lake Charles, LA LADOTD The P3 Project is part of LA DOTD's larger I-10 corridor project extending from the I-10/I-210 east interchange to the I-10/I-210 west interchange. The limits of the P3 Project extend from the I-10/I-210 west interchange to the Ryan Street exit ramp on the east side of the bridge. The Calcasieu River Bridge and the interstate mainline within the P3 Project limits will be reconstructed to ensure that the vertical clearance, horizontal alignment, sight distances, and other road and bridge elements meet current design criteria. The segment of LA 378 (Sampson Street) from I-10 to Sulphur Avenue will be improved and several access ramps and the interchanges at Sampson Street and US 171 will also be reconfigured as part of the P3 Project. Ms. Rodgers is the lead roadway lighting designer. She is responsible for the entire project roadway lighting, navigation lighting on the main bridge, and the aesthetic lighting electrical design and interface with the roadway lighting. She developed plans, specifications, and electrical calculations for the project.
10/17 – 09/19	H.012503: I-12 LA 447 (Walker) Lighting Interchange. Walker, LA LADOTD M&M was selected to prepare final plans, specifications, photometric calculations and a construction cost estimate for the I-12 at LA 447 Interchange which includes two roundabouts. M&M worked closely with local government agencies and utility companies to provide an optimum, low-maintenance lighting system. Ms. Rodgers worked under the direction of a senior engineer to review submittals for the roadway lighting design for the I-12 widening project in Louisiana. Her responsibilities included verifying contractor submissions met design intent and coordinating all equipment to be used on the project with the contractor. She also participated in field inspections and reporting for the construction of this project.

16. Staff Experience:				
Firm employed by Modjeski and Masters, Inc.				
Name	Thien T. Pham, PE		Years of relevant experience with this employer	6
Title	Engineer - Electrical		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			BS 2017 Electrical Engineering	
Active registration number / state / expiration date			97084 FL 02/28/2027	
Year registered	2023	Discipline	Electrical	
Thien T. Pham joined Modjeski and Masters in 2019 and has more than eight years of experience in electrical and mechanical engineering for projects throughout the United States. With a concentration on movable bridges, efforts have included emergency repairs, detailed annual electrical inspections, bridge ratings, submarine cable repairs/replacements, and preliminary and final design for bridge replacement and rehabilitation. Mr. Pham is NEC/NFPA certified and fulfills MPR No. 8 for this contract.				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/22 - Ongoing	Ouachita River Lift Bridge Electrical/Mechanical Rehabilitation. Riverton, LA Union Pacific Railroad Mr. Pham served as an electrical engineer for this project. He reviewed and prepared electrical drawings for the upgraded electrical components. This railroad vertical-lift bridge features a through truss main span over Ouachita River near Riverton, LA. The electrical scope of work includes upgrading lighting, navigation lighting work, providing power and control for new brake and span lock operators, and provide means for an alternate power source. The mechanical scope of work includes rehabilitating the south tower counterweight and span guides, replacing span locks, new drive system brake, and auxiliary gearbox evaluation and repair.			
11/22 - Ongoing	Omaha Road Bridge #15 Rehabilitation. St. Paul, MN UPRR Mr. Pham served as an electrical engineer for this project. He reviewed and prepared electrical drawings for the upgraded electrical components. Union Pacific Railroad engaged with M&M to inspect, evaluate and scope a significant rehabilitation of the 100-year-old Mankato Swing bridge. This Mississippi River crossing experiences regular flooding and includes a unique bobtail swing span truss with a rim bearing style turntable. M&M was selected for final design following the scoping phase of work. The final M&M design created contract documents to completely replace the electrical systems, replace all mechanical systems including converting from electro-mechanical machinery to more flood resilient hydraulic operating machinery, and structural stiffening and jacking details for the rim supporting machinery replacements. A new maintenance platform was also detailed to support and house the new hydraulic power unit outboard of the track at deck level. M&M supported UPRR and their subconsultant in the permitting efforts including historical, 03/2021 – 01/2022 waterway, and land use impacts.			
03/23 – 01/25	CCC Decorative Lighting. New Orleans, LA LADOTD Mr. Pham worked as an electrical engineer on the project, where he created electrical plans for replacing existing necklace lighting and installing new decorative programmable, color-changing LED lights for the Crescent City Connection bridges. He also performed field inspections of the lighting installation. The Crescent City Connection (CCC), formerly the Greater New Orleans Bridge (GNO), are twin cantilever bridges that carry U.S. Highway 90 Business over the Mississippi River in New Orleans, Louisiana. They are tied as the fifth-longest cantilever bridges in the world. Both structures were originally designed by Modjeski and Masters, Inc. (M&M) in 1988 (No. 2, Westbound) and 1958 (No. 1, Eastbound).			
07/24 – 05/25	I-79 Lighting Project. Monongalia County, WV WVDOT Mr. Pham is an electrical engineer on this project, participating in the design for upgrading and installing new conventional and high-mast tower lighting. His responsibilities include photometric calculations, power circuit calculations, and the development of electrical plans. The I-79 Lighting project consists of the study, design and preparation of construction contract plans and related documents to upgrade and/or install new lighting on I-79 beginning near the I-68/I-79 Interstate split traveling north on I-79 to Exit 153 in Monongalia County, WV. Starting at the Corporal Thomas Bennett Memorial Bridge, lighting each end of the bridge but not carrying across the structure. New			



	High Mast Lighting will continue north on I-79 for approximately ½ miles but will terminate prior to where the proposed Harmony Grove Interchange is to intersect with I-79. The project will then move to and encompass Exit 152, which will include all ramps, side roads and side road intersections. The project limits will continue north along I-79 from Exit 152 and will include the lighting of the I-79 mainline to the Exit 153 interchange approach. AASHTO, FHWA and WVDOH standards shall be followed.
01/23 – Ongoing	Nitschke Bascule Bridge Rehabilitation. Green Bay, WI City of Green Bay, WI Mr. Pham is an electrical engineer for this project and participated in the conditioning system design and cost estimate. The Ray Nitschke Memorial Bridge is a double-leaf bascule bridge over the Fox River on Main Street (US 141) in Green Bay, WI. It is 773-feet long with a 170-foot double-leaf bascule span. M&M was tasked to perform on-site investigations and provide repair recommendations. M&M then performed a follow-up inspection to prepare a rehabilitation scope and cost estimate. After the City accepted these recommendations, M&M completed the rehabilitation design and is currently providing construction support services.
09/23 - 05/24	White Sulphur Springs I/C Lighting +5. Greenbriar County, WV WVDOT Mr. Pham served as electrical engineer for this project where he performed photometric calculations, designed power systems, and developed plans to upgrade and install new conventional and high mast tower lighting for the interchanges along I-64. The White Sulphur Spring Interchange Lighting Project consists of the study, design, and preparation of construction contract plans to upgrade and install new lighting on four interchanges along I-64 in Greenbrier County, WV. The lights will include all ramps, side roads, and side road intersections. Additionally, new lighting systems will also be installed on the interchange approach curves. Work has started on the project and is anticipated to last for a year. PN4837
08/21 – 02/22	Parkersburg Memorial Bridge Inspections. Parkersburg, WV United Bridge Partners Mr. Pham was an electrical engineer on this project and participated in the power system design for the toll gantry equipment. He also developed electrical plans to install new decorative programmable color-change LEDs along the bridge. In addition, he performed bridge electrical inspection tasks for this project. As the Engineer-of-Record (EOR), M&M bridge inspectors performed an in-depth inspection of the truss and girder spans using UBIU equipment, a manlift, a bucket truck, a boat, and technical rope access methods. The findings of the inspection, including the results of a load rating performed by M&M, were essential to the rehabilitation effort, which included developing plans for steel repairs and redecking the truss and girder spans. Construction is currently ongoing.
03/21 – 01/22	Onslow Beach Bridge Preliminary Design. Camp Lejeune, NC NAVFAC Mr. Pham is an electrical engineer for this project and participated in various electrical design tasks including CCTV GP&E layout design details, traffic gate design, and various circuit calculations. The existing swing span on Onslow Beach Road over the Intracoastal Waterway (ICW) at Camp Lejeune, NC needs to be replaced. The structure, constructed in 1952, was damaged during Hurricane Florence in 2018. The United States Marine Corps conducts training exercises on Onslow Beach and tanks and amphibious equipment need to safely cross the bridge. The Naval Facilities Engineering Command selected the Archer Western/Baker/M&M Design-Build team to develop a best-value solution to replace the existing swing bridge (led by M&M) and a nearby railroad bridge (led by others). M&M performed preliminary and final engineering services for the structural, mechanical, and electrical design necessary for the replacement main span and approaches. Final design work is ongoing and nearly completed. The new structure is expected to be a 409-foot bridge consisting of a 159-foot single lead bascule span and two fixed approach girder spans.
10/2021	SCFE Bridge Inspections. Clewiston, FL South Central Florida Express, Inc. Mr. Pham was an electrical engineer for the inspection of the Port Mayaca vertical lift bridge and the Moore Haven swing bridge. M&M performed the structural, electrical, and mechanical detailed annual inspection of two movable railroad bridges. The movable bridges include a bobtail swing span, and a skewed tower drive vertical lift bridge.

16. Staff Experience:Firm employed by **Modjeski and Masters, Inc.**

Name	Seth W. Cummings, EI	Years of relevant experience with this employer	3
Title	Engineer-in-Training - Electrical	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	BS 2022 Electrical Engineering		
Active registration number / state / expiration date	EI.0035842 LA 2027		
Year registered	2025	Discipline	N/A



Mr. Cummings joined Modjeski and Masters in 2023 and serves as an Engineer-in-Training in the Electrical section domiciled in the New Orleans office. He has been involved in multiple projects including electrical inspections and roadway lighting design. Mr. Cummings is NEC/NFPA certified.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/24 - Ongoing	VN-12/VN-PT Design-Build for Verrazzano. New York, NY Triborough Bridge & Tunnel Authority Mr. Cummings provided circuit calculations, voltage drop calculations, and conduit fill calculations, coordinated with the contractor on RFIs and submittals, photometrics, and compiled drawings for submissions. M&M is the lead design consultant on this design-build project led by Ahern Painting Contractors, Inc. The Verrazzano-Narrows Bridge is a suspension bridge that connects the NYC boroughs of Staten Island and Brooklyn. The upper-level carries seven lanes of traffic, and the lower level carries six lanes of traffic, with a 4,260-foot main span and two side spans that are each 1,215 feet in length. The Project involves Design-Build services for painting and miscellaneous lighting and electrical improvements at the Verrazzano Narrows Bridge, as well as seismic retrofit at the cable saddles and other miscellaneous structural work. Lighting and electrical improvements at the towers include the replacement of main vertical feeder cables, panels, transformers, disconnect switches, automatic transfer switches, lighting fixtures, receptacles, switches, etc. Other electrical improvements include the installation of a new floodlighting system and replacement of navigation lights. Painting improvements at the towers include the cleaning and painting of the tower exteriors and tower interior cells from the Upper-Level Roadway to the pedestal. Painting improvements at the cables include the cleaning and painting of suspender ropes and main cable collars.
09/23 - Ongoing	Rockport SHT Bascule Rehabilitation. New Orleans, LA Paducah and Louisville Railway Mr. Cummings worked on submissions, photometrics, room layout design, single line diagrams, control logic, circuit calculations, voltage and conduit fill calculations, followed AREMA guidelines, and coordinated with the client and signals personnel to meet design needs. The Paducah and Louisville Railway (PLRR) is the owner of the Rockport Kentucky Strauss Heel Trunnion Bascule Bridge over the Green River. PLRR was the subrecipient of an Infra Grant and planned to update the movable span and the associated south and north approaches with this project. MM has helped the PLRR for 15 years in planning, maintaining, and repairing portions of the bridge and will provide rehabilitation design of the structural, mechanical and electrical systems.
03/23 – 03/25	I-10 at LA 3063 Interchange Lighting. Vinton, LA LADOTD Mr. Cummings was the lead designer and developed the lighting design for the interstate interchange in Vinton, Louisiana. He utilized Visual Lighting and CAD to produce a photometrics report, determine luminaire locations, prepare submissions, and perform voltage drop, conduit fill, and circuit calculations. Mr. Cummings referred to the RP-8-21 and AASHTO to ensure compliance with all lighting standards. The original outdated lighting system at the interchange was removed as part of the widening project and a new lighting system was agreed to be installed after the widening project was completed.
10/24 -12/24	Bicentennial Bridge. Benton Harbor, MI Michigan Department of Transportation Mr. Cummings provided an in-depth inspection which included insulation testing, motor testing, interlocking, generator testing, verifying all electrical equipment is in good condition and meeting the NEC and Coastguard requirements, and submitted a report to the Michigan DOTD. This project included a detailed mechanical, structural and electrical inspection and evaluation of this bascule bridge over the St. Joseph River and prepare a scoping report for this structure. Assistance with work babbitt bearing for drive.

02/24 – 07/24	I-10 @ LA 108 Interchange Lighting. Vinton, LA LADOTD Mr. Cummings was the lead designer and developed the lighting design for the interstate interchange in Vinton, Louisiana. He utilized Visual Lighting and CAD to produce a photometrics report, determine luminaire locations, prepare submissions, and perform voltage drop, conduit fill, and circuit calculations. Mr. Cummings referred to the RP-8-21 and AASHTO to ensure compliance with all lighting standards. As a follow up to the Coone Gully I-10 widening project, LADOTD has asked M&M to complete the new lighting design for the LA108 interchange. The original outdated lighting system at the interchange was removed as part of the widening system and a new lighting system was agreed to be installed after the widening project was completed.
09/22 – 08/23	Perry Bridge Rehabilitation. Vermillion Parish, LA LADOTD Mr. Cummings assisted with the electrical inspection, calculations, and report development. The Perry Vertical Lift Bridge is located on Hwy 82 in Vermilion Parish crossing the Vermilion River. The main span consists of a 75 foot lift span consisting of two main girders. The deck is an open grid deck supported on stringers and floorbeams. From abutment to abutment the bridge is approximately 383 feet long consisting of concrete decks on steel stringers. The superstructure is supported by piles. This project included complete structural, mechanical, and electrical rehabilitation to allow the structure to operate for an addition 30+ years. Modjeski and Masters provided final design plans, specifications and cost estimates for the multi-disciplinary rehabilitation.
03/23 – 01/25	Crescent City Connection Bridges - Decorative Lighting, New Orleans, LA LADOTD Mr. Cummings worked on electrical drawings, conduit layout, the photometric report, and construction progress. LADOTD contracted M&M to provide design services to update the decorative lighting on the Crescent City Connection bridges in the city of New Orleans. The new lighting will be color changeable LED luminaires replacing the necklace lighting across the top of the bridge, new uplighting to illuminate the super structure and the main support piers. M&M also provided support to the LADOTD during construction by reviewing submittals and RFI's, performing construction progress site inspections, final acceptance inspections, and assisting in project closeout tasks such as reviewing the operation and maintenance manual and the lighting as built drawings.
07/22 – Ongoing	I-10 Calcasieu Bridge Replacement. Lake Charles, LA LADOTD Mr. Cummings prepared the electrical submission, luminaire layout, photometrics, conduit layout, calculation sheets, and design. The P3 Project is part of LA DOTD's larger I-10 corridor project extending from the I-10/I-210 east interchange to the I-10/I-210 west interchange. The limits of the P3 Project extend from the I-10/I-210 west interchange to the Ryan Street exit ramp on the east side of the bridge. The Calcasieu River Bridge and the interstate mainline within the P3 Project limits will be reconstructed to ensure that the vertical clearance, horizontal alignment, sight distances, and other road and bridge elements meet current design criteria. The segment of LA 378 (Sampson Street) from I-10 to Sulphur Avenue will be improved and several access ramps and the interchanges at Sampson Street and US 171 will also be reconfigured as part of the P3 Project.
11/23 – Ongoing	Ardenwood-Lobdell. Baton Rouge, LA MoveBR Mr. Cummings was the lead designer and developed the lighting design for a roadway in Baton Rouge, Louisiana. Mr. Cummings utilized Visual Lighting and CAD to produce a photometrics report, determine luminaire locations, prepare submissions, and perform voltage drop, conduit fill, and circuit calculations. Mr. Cummings referred to the RP-8-21 and AASHTO to ensure compliance with all lighting standards. The Ardenwood Drive – Lobdell Boulevard connector will be a new road within the proposed Ardendale development in East Baton Rouge, LA. The proposed section is a two-lane subdivision type street with pedestrian accommodations within the right of way.
11/23 - 12/23 09/24 -12/24 10/25 - 11/25	2023 and 2024 Systemwide Inspection. New Orleans, LA New Orleans Gulf Coast Railway Mr. Cummings was the lead inspector and performed the electrical inspection for Westwego and Belle Chasse bridges, and prepared reports. Modjeski and Masters performed a systemwide inspection of eight bridges owned by the NOGC Railway.
11-12 - 12/23 09/24 - 10/24, 10/24 - 11/25	Florida Avenue and St. Claude Avenue bridges. Inspection. New Orleans, LA Port of New Orleans Mr. Cummings was the lead inspector and assisted with the electrical inspection and preparation of reports. Modjeski and Masters performed a structural, mechanical and electrical inspection of these two movable bridges including a survey of the Florida Avenue towers.
09/22 – 10/22	Seabrook, Florida Avenue and St. Claude Avenue bridges. Inspection and Load Rating. New Orleans, LA Port of New Orleans Mr. Cummings assisted with the electrical inspection and preparation of reports. Modjeski and Masters performed an inspection of three movable bridges crossing the IN-HC in New Orleans, LA, and performed a load rating of the Seabrook Bridge approaches.

16. Staff Experience:Firm employed by **Aillet, Fenner, Jolly & McClelland, Inc.**

Name	Matthew J. Wallace, PE, SE	Years of relevant experience with this employer	30.0
Title	Principal / Structural Engineer	Years of relevant experience with other employer(s)	6.0
Degree(s) / Years / Specialization		BS 1989 Civil Engineering	
Active registration number / state / expiration date		PE.0025922 LA 9-30-27	
Year registered	1994, 2016	Discipline	Civil, Structural. Fulfills MPR No. 7



Contract role(s) / brief description of responsibilities:

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
06/23 - Present	H.001779, Jimmie Davis Design Build – Mr. Wallace designed the elevated portions of the shared use trails on both sides of the Red River to connect at the existing Jimmie Davis Bridge. Matt also performed QA/QC for the structural design of the luminaire supports for this project.
6/23 to 9/23	H.011446.5, Mound Rest Area Improvements, Route I-20 – QA/QC. Mr. Wallace provided QA/QC for the structural design of the luminaire supports and foundation design of overhead structures.
5/11 to 2/20	SP #455-09-0001 and SP#455-09-0002 (H.003886 / H.003496 / H.003495 / H.011111/ H.011105) - I-49 North, I-220 to LA 1 – Project Engineer providing structural support. This segment includes the I-49/I-220 Interchange. Designed light pole bases in addition to ensuring LaDOTD standards were met.
9/12 to 12/17	SP # 742-10-0130, Sale Road Bridge, Lake Charles, LA - 0.375 mile urban bridge replacement project, Widening of Sale Road and bridge from two lanes to a four lane road with curb, subsurface drainage, 7 span bridge, sheet pile retaining walls, guard rails and sanitary sewer relocation.
3/12 to 6/12	Palmetto Road Bridge, Bossier Parish, LA (no project number) - Structural lead for widening of a slab span bridge.
2/04 to 6/10	SP #038-03-0022, U.S. 425, Bastrop-Log Cabin, Morehouse Parish - Structural Lead for final design of one five-lane and one two-lane highway bridges.
6/04 to 7/04	Willow Chute Bridge, Parish Hwy No. 3105, Bossier Parish, LA (no project number) - Structural Lead for final design of a precast prestressed slab span replacement bridge.
6/01 to 4/11	Traffic Street Improvements and Underpass, Bossier Parish (no project number) - Project Supervision and structural design for a five lane urban street widening and Kansas City Southern Railroad underpass. Designed light pole bases in addition to ensuring LaDOTD standards were met.
1/03 to 11/06	SP#044-01-0038, LA 3, Benton Road Overpass, Bossier Parish - Project Supervision for a five lane urban realignment of LA 3 over the Kansas City Southern Railroad. Designed light pole bases in addition to ensuring LaDOTD standards were met.
1/06	Arthur Ray Teague Parkway, Bossier City, LA (no project number) - Project Principal for the continuation of the existing parkway along the Red River in Bossier City.
1999	R-1 Railway Bridge, FT. Polk, LA (no project number) - Project Management, Bridge design for the replacement of R-1 railway bridge.

16. Staff Experience:

Firm employed by Aillet, Fenner, Jolly & McClelland, Inc.					
Name	Paul Cormier, PE		Years of relevant experience with this employer	15.0	
Title	Structural Engineer		Years of relevant experience with other employer(s)	18.0	
Degree(s) / Years / Specialization			BS 1989 Civil Engineering ME 1994 Civil Engineering		
Active registration number / state / expiration date			PE.0027019 LA 3-31-27		
Year registered	1996	Discipline	Civil, Structural. Fulfil MPR No. 7		
Contract role(s) / brief description of responsibilities: Structural Design					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
06/23 - Present	H.001779, Jimmie Davis Design Build – Mr. Cormier performed the structural design of the luminaire supports for this project.				
11/20 to 12/23	H.011446.5, Mound Rest Area Improvements, Route I-20 – Responsible for structural design which includes foundation design for overhead structures such as pavilions, covered walkways and the design of wood bridges and bulkhead at pond edges.				
6/13 to 8/13	SP #455-09-0001 and SP#455-09-0002 (H.003886 / H.003496 / H.003495 / H.011111/ H.011105) - I-49 North, I-220 to LA 1 – Check concrete structures for inverted siphon.				
2/09 to 2/12	Regional Commerce Center for Port of Shreveport-Bossier, Shreveport, LA, (no project number) - Structural design for a 33,000 sq ft., three-story office building which is LEED Gold certified. First floor is a conventional concrete structure and includes a parking area. The second and third floors are conventional steel structures. The Commerce Center is designed with aluminum composite skins and glass curtain wall system, and is designed to take advantage of natural lighting and sun exposure.				
2007 - 2008	Pratt Paper (LA), LLC, Shreveport, LA, (no project number) - Provided building and equipment foundation design, pile-supported concrete ground floor framing, steel-framed operating floor framing and roof design for manufacturing plant, office, materials recycling facility and waste treatment facilities. Crane girder framing and foundation design for (2) 55 metric tonne bridge cranes. AFJMc provided design services for construction and installation of a truck scale including roadways, maps, foundations, electrical power and communication conduit.				
2016-2017	Wieland Davco, Shreveport, LA, (no project number) - AFJMc served as structural engineer of record for conversion of load-bearing masonry structure formerly housing the original Sci-Port children’s museum into an office for a construction company. Project involved demolition and remodeling of front façade and the addition of interior lateral load resisting elements to stabilize building lateral drift and the creation of openings in the existing load-bearing masonry walls.				
2008-2009	A.D.S. Logistics / Port of Caddo-Bossier, Shreveport, LA, (no project number) - Structural design of 100,000 SF warehouse which included foundation plans and framing plans for roof and bridge cranes.				

16. Staff Experience:

Firm employed by Aillet, Fenner, Jolly & McClelland, Inc.					
Name	Elba A. Urbina, PE		Years of relevant experience with this employer	21.0	
Title	Civil Engineer		Years of relevant experience with other employer(s)	2.0	
Degree(s) / Years / Specialization			MS / 2002 / Civil Engineering; BS / 1998 / Civil Engineering		
Active registration number / state / expiration date			PE.0034364 / LA / 3-31-27		
Year registered	2009	Discipline	Civil		
Contract role(s) / brief description of responsibilities: Project Manager / Civil design. Mrs. Hamilton has completed Traffic Engineering Process and Report Course and Traffic Control Supervisor training.					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
10/25 - Present	H.015724.5, Kings Highway Healthcare Corridor – Project Manager and Designer – Mrs. Hamilton is the project manager coordinating all aspects of design for this 1.6 mile corridor that includes reconstruction of Kings Highway, signal improvements, lighting design, and a Bus Rapid Transit route. Mrs. Hamilton is also responsible for the roadway design providing geometric design of the roadway and cost estimates.				
04/23 - Present	H.001779, Jimmie Davis Design Build – Project Manager and Designer – Mrs. Hamilton is the project manager coordinating all aspects of design with structural, electrical and civil engineers supervising that design schedules are met. Mrs. Hamilton designed the shared use lanes (bike lanes/paths) for Bossier City and the City of Shreveport. Mrs. Hamilton provided all the geometry design for the initial layouts and the final options of the trail. She also provided the design of the connections to the existing Jimmie Davis Bridge. Her design included all horizontal and vertical geometry, traffic sign and pavement marking design.				
11/20 to 11/24	H.011446.5, Mound Rest Area Improvements, Route I-20, Madison Parish, LA – Project Manager and Designer. Responsible for design of new acceleration and deceleration ramps/drives into the rest area, new car and truck parking facilities, site grading and drainage systems with storm water management. The project also includes general site amenities such as pedestrian walkways and a courtyard.				
11/19 to 6/22	Palmetto Road, Phase II, Bossier Parish, LA (no project number) – AFJM was selected to design the widening of Palmetto Road from a two-lane rural roadway to a three-lane urban roadway for length of 1.4 miles. Mrs. Hamilton is responsible for overall project manager including coordination with sub-consultants, roadway design including horizontal and vertical alignments, geometric design at intersections and cost estimates.				
12/04 to 2/20	SP #455-09-0001 and SP#455-09-0002 (H.003886 / H.003496 / H.003495 / H.011111/ H.011105) - I-49 North, I-220 to LA 1 – Mrs. Hamilton was the Project Manager for this 5.4-mile project, I-220 to Martin Luther King Drive and Martin Luther King Drive to Louisiana Highway 1. Developed horizontal and vertical alignments, geometric design of the new interchange layout for this 5.4 mile project, including overseeing roadway and drainage design, topographic and property surveys, right-of-way maps, coordination with sub-consultants and other engineering companies.				
5/09 to 3/15	Palmetto Road, Bossier Parish, LA (no project number) - Mrs. Hamilton provided design alternatives for roadway and intersection design for Palmetto Road. These alternatives vary from simple modifications to the existing roadway to a complete redesign. All her designs included typical sections, horizontal and vertical geometry, traffic signs and pavement markings. Mrs. Hamilton guided the Parish to decide on an alternative that fit the future needs of Bossier Parish. After completion of the study,				

	she was responsible for roadway design and the preparation of Preliminary Plans and Final Plans to widen the highway and an existing two-lane bridge based on the preferred alternative.
2/15 to 4/20	CONTRACT NO. 4400004673, Retainer Contract for Weigh Station Design, Renovation and Upgrade – Statewide Project Manager and Designer. As a project engineer for several task orders, Elba was responsible for coordinating with State Police and LADOTD in identifying needs that will meet the approved budget. She was responsible for data collection, providing site investigation, developing preliminary and final plans, and engineering design services for selected Weigh in Motion projects. She also was responsible for bid document preparation, and contract administration. The following is a list of the projects that she performed under this contract and a brief description of her responsibilities. • Weigh Station Design, Renovation and Upgrade, Statewide – TO #H.012182.1 – Her services included inventory of all electrical components at the following weigh stations in Louisiana: Baptist, Breaux Bridge, Delta, Greenwood, Kentwood, LaPlace, Starts and Toomey. • Virtual Weigh-In-Motion US HWY 61, US HWY 61, West Feliciana Parish – TO # H.012164.5-1 – Design roadway plans, guardrail, regulatory and warning signs, traffic control for the weigh-in-motion location. • I-10: Texas State Line-E. of Coone Gully, Route I-10, Calcasieu Parish – TO # H.003184.5 – Design roadway plans, guardrail, regulatory and warning signs, traffic control for the weigh-in-motion location.
10/15 – 6/17	RRW-15-03 - Teague Trails Extension South - Elba served as the Project Manager responsible for the design of a 2.1-mile extension of the Teague Shared Use Trail in Bossier Parish for the Red River Waterway Commission. The project included obtaining permits and approvals from several agencies included the Corps of Engineers, Bossier Levee District, DOTD and the State Fire Marshall. Elba coordinated with four agencies with jurisdiction within the project limits: Red River Water Way Commission, City of Bossier City, Bossier Parish Police Jury and the US Fish and Wildlife Service to maintain all agencies briefed on project status. Elba was also responsible for the geometric design of the trail, the design of permanent signs and pavement markings, and the design of several rest areas along the trail.
5/21 to 12/24	Resilient Way Access Road and Utilities, Shreveport, LA (no project number) - Mrs. Hamilton provided roadway and intersection design for Resilient Way. The roadway design included all horizontal and vertical geometry, traffic sign and pavement marking design for this roadway.
9/07 to 9/09	Linton Road, Bossier Parish, LA (no project number) – Elba was responsible for the geometric realignment of a curve which did not meet design standards and the rehabilitation of the remainder of the road. Her responsibilities also included estimated construction costs and bid document preparation for the Bossier Parish Police Jury.
9/07 to 9/08	Arthur Ray Teague Parkway, Bossier City, LA (no project number) - Project Designer for the continuation of the existing parkway along the Red River in Bossier City.
1/09 to 9/11	Traffic Street Improvements and Underpass, Bossier City, LA (no project number) - Project Designer for final construction plans and documents for a five lane urban street widening and Kansas City Southern Railroad Underpass, including parcel calculations and right-of-way maps.

16. Staff Experience:			
Firm employed by Aillet, Fenner, Jolly & McClelland, Inc.			
Name	Edie Langley		Years of relevant experience with this employer
Title	CADD Operator		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities: CADD Operator			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
07/23 - Present	H.001779, Jimmie Davis Design Build – Mrs. Langley provided CADD design and drafting for this project that consisted in the construction of a new 4-lane bridge over the Red River. AFJMC was tasked with the design of at grade and elevated portions of the shared use trails on both sides of the Red River to connect at the existing Jimmie Davis Bridge. AFJMc is also responsible for the drainage for the west portion of the roadway design of LA 511 and its connections to Clyde Fant Parkway, and the electrical/lighting design for the project.		
5/21 to 2024	Resilient Way Access Road and Utilities, Shreveport, LA (no project number) – CADD design for the development of 4500 l.f. of three- and two-lane access road that is designed to be expanded to four lanes for a three-hundred-acre Industrial Park. The project included development of road base grading, subsurface and surface drainage systems, adjacent sanitary and water systems, sidewalks and lighting.		
11/19 to 6/22	Palmetto Road, Phase II, Bossier Parish, LA (no project number) – AFJM was selected to design the widening of Palmetto Road from a two lane rural roadway to a three lane urban roadway for length of 1.4 miles. Mrs. Langley provided CADD design for this project.		
11/20 to 8/21	H.011446.5, Mound Rest Area Improvements, Route I-20 – CADD design of new acceleration and deceleration ramps/drives into the rest area, new car and truck parking facilities, site grading and drainage systems with storm water management. The project also includes general site amenities such as pedestrian walkways and a courtyard.		
2/19 to 4/20	I-10: Texas State Line-E. of Coone Gulley, WIM Toomey Weigh Station, I-10 – CADD design for roadway plans, guardrail, regulatory and warning signs, traffic control for the weigh-in-motion location.		
2/19 to 9/19	Virtual Weigh-in-Motion US Hwy 61, W. Feliciana Parish, LA, (H.012164-1) CADD drafting for roadway plans for the placement of a Virtual Weigh-In-Motion (VWIM) station, south of Louisiana/Mississippi State Line. The plans included electrical and guardrail design for the site.		
4/09 to 12/17	SP #744-08-0005, North Bossier Shared Use Trail – Drafting for design of jogging and bicycle trail at the Bossier North Park with ten foot multi-use trail. Trail will run parallel to Old Brownlee Road for ¾ mile and includes a bayou crossing.		
12/08 to 4/15	Palmetto Road, Bossier Parish, LA (no project number): Drafting for a Line and Grade Study to three lane of a narrow two-lane road. Having completed the study AFJM developed Preliminary Plans and Final Plans to widen the road and an existing 2-lane bridge.		
2/07 to 2/10	Linton Road, Bossier Parish, LA (no project number): Drafting for the redesign and reconstruction of a deadly curve and the rehabilitation of the remainder of the road. AFJM corrected the curve to AASHTO and LADOTD standards to allow for a safe sight distance. AFJM also relocated an existing 8” waterline and developed Right-Of-Way maps.		
12/03 to 2/20	SP #455-09-0001 and SP#455-09-0002 (H.003886 / H.003496 / H.003495 / H.011111/ H.011105) - I-49 North, I-220 to LA 1 – Drafting for drainage design, topographic and property surveys, right-of-way maps, coordination with sub-consultants and other engineering companies.		
6/01 to 9/11	Traffic Street Improvements and Underpass, Bossier City, LA (no project number) - Drafting for final construction plans and documents for a five-lane urban street widening and Kansas City Southern Railroad underpass, including parcel calculations and right-of-way maps.		

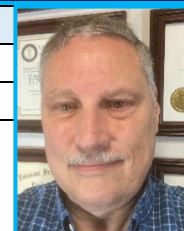
16. Staff Experience:			
Firm employed by Fugro USA Land, Inc.			
Name	Eric Marx, PE		Years of relevant experience with this employer
Title	General Manager, Louisiana		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS / 2001 / Civil Engineering BS / 1999 / Civil Engineering	
Active registration number / state / expiration date		31479 / LA / 03/31/2027	
Year registered	2004	Discipline	Civil
Contract role(s) / brief description of responsibilities		Geotechnical Principal-in-Charge. Eric will provide engineering review and oversight of the program tasks as well as serve as the contract signatory for Fugro USA Land, Inc. Fulfills MPR No. 11 for this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/01 - current	Principal-in-Charge, Fugro Louisiana General Manager Eric Marx has provided geotechnical services on transportation, government, industrial, commercial, and coastal infrastructure projects since joining Fugro in 2001. He has been both geotechnical engineer and geotechnical engineer-of-record (in responsible charge) on some of Louisiana’s high-profile transportation projects over the last 24 years, including the I-10 Twin Span Replacement Project, John J. Audubon Bridge, Ambassador Caffery Interchange, Kansas Lane-Garret Road Connector, Statewide Bridge Scour Program and numerous task orders as part of previous LADOTD geotechnical retainer contracts. In 2009, Mr. Marx led the initiative to achieve accreditation by AASHTO for the Baton Rouge laboratory. Since then, Eric has served in the role as Laboratory Technical Manager and Laboratory Quality Manager. Eric’s role has involved managing and executing geotechnical programs, developing and overseeing field programs, achieving and maintaining laboratory certifications and performing and reviewing geotechnical engineering analyses on transportation projects.		
1/10 – 03/17 08/20 - current	LADOTD Statewide Geotechnical Retainer Contract, Louisiana Principal-In-Charge. Eric served as Principal-in-Charge for this program which included performing over 20 task orders for bridge structures across Louisiana with a total program cost of over \$4M. The scope of work included soil borings (on land and in water), cone penetration test (CPT), laboratory testing, engineering analysis, and design recommendations. Fugro was also retained to install geotechnical instrumentation. Eric was Principal-in-Charge, negotiated and oversaw completion of task orders, and worked with DOTD to ensure client satisfaction.		
04/04 – 04/19	Bridge Scour Analysis, Statewide Louisiana Project Engineer, Project Manager and Principal-In-Charge. Fugro was selected by the Louisiana Department of Transportation and Development (LADOTD), with the assistance of selected Design Consultants, in evaluating the stability of critical bridge structures across the state regarding scour susceptibility. Since 2004, Eric has supervised evaluations on over 300 bridges across Louisiana including coordination of geotechnical field investigations, laboratory testing, and Electric Cone Penetrometer Test (ECPT) soundings. Geotechnical engineering analyses included deep foundation evaluations on driven piles, drilled shafts and caissons for varying scour events and development of soil parameters for input into the FB-Pier Software Program.		



09/17 – current	Kansas Lane, Garrett Road Connector and I-20 Improvements; Ouachita Parish, Louisiana (H.004774.5 and H.007300.6). Principal-In-Charge. Eric provided contract oversight for the project. Work included conducting geotechnical field investigations and geotechnical analyses for the roadway project with significant interaction with the local airport and businesses. Eric reviewed the results of field and laboratory analyses and performed QA checks on deep foundation calculations, embankment settlement calculations of driven and drilled foundations, and MSE Wall recommendations.
04/13 – 12/24	LADOTD, I-49 South: Ambassador Caffery and U.S. 90 Interchange, Lafayette Parish, Louisiana Principal-In-Charge. Eric provided contract oversight for the project. Work included conducting geotechnical field investigations and geotechnical analyses for the roadway project. Eric reviewed results of field and laboratory analyses and performed QA checks on deep foundation calculations, embankment settlement calculations of driven and drilled foundations and MSE Wall recommendations, and construction support services including PDA and settlement monitoring.
03/15 – 08/19	Livingston Parish Road Improvement Program, Livingston Parish, Louisiana Principal-In-Charge. Livingston Parish funded this project to rehabilitate approximately 40 roads across the parish each year. Fugro's work included soil borings and collection of bulk samples, laboratory testing for classification and bench scale testing for cement treatment, engineering recommendations for pavement thickness and subgrade preparation, and construction materials testing observations to document compliance with plans and specifications. He oversaw the field operations and engineering analyses.
04/04 – 02/08	Twin Spans Replacement Project, Orleans and St. Tammany Parishes, Louisiana Project Engineer on the project to replace the Twin Spans bridge damaged during Hurricane Katrina. He coordinated the field program which consisted of 30 soil borings and over 260 CPT's to depths between 100 and 190 feet in 15 feet of water. Eric helped develop the pile load testing program and performed axial and lateral pile capacity calculations using LRFD methodology.

16. Staff Experience:

Firm employed by Fugro USA Land, Inc.			
Name	Paul Bullock, PhD, PE	Years of relevant experience with this employer	10
Title	Chief Engineer	Years of relevant experience with other employer(s)	34
Degree(s) / Years / Specialization	PhD / 1999 / Civil Engineering MS / 1984 / Civil Engineering BS / 1980 / Civil Engineering		
Active registration number / state / expiration date	33812 / LA / 09/30/2026		
Year registered	2008	Discipline	Civil
Contract role(s) / brief description of responsibilities	Principal, Senior Consultant. Paul will provide technical oversight for task orders with deep foundation design, integrity testing, dynamic testing, and static testing, and instrumentation.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/81 - current	Dr. Paul Bullock is a global expert specializing in site characterization, Pile Driving Analyzer testing (Expert rank), pile setup, static testing, O-Cell testing, and TIP/PIT/CSL integrity testing of cast-in-place and driven piles. In the 1980's, he worked on 18 major bridges. From 2000 to 2004, he was an Asst. Professor at the University of Florida, followed by 4 years of testing/training for GRL Engineers / PDI. Paul joined Fugro in 2011, mentoring staff on deep foundations for large and small projects with numerous projects in Louisiana. He is a subcommittee chair and journal editor for ASTM. His Louisiana experience covers a range of deep foundations and soils. Dynamic (PDA), static, O-Cell, and PIT/CSL/TIP integrity testing of drilled shafts, cast-in-place, and driven piles; design & analysis of shaft/pile capacity, pile setup and WEAP drivability; computer analyses for settlement and foundation capacity; drilled shaft QC/QA including Shaft Inspection Device(SID) and training courses; driven pile QC/QA and training courses; provide PDA/PIT/CSL training courses; instrumentation development; vibration monitoring; site investigation and characterization on land & water using Dilatometer, Cone Penetrometer (electric, pore pressure, mechanical), SPT, SPT Calibrator, SPT Torque and Cone, Texam and Probex Pressuremeters.		
10/23 - 10/24	LADOTD, I-49 South: Ambassador Caffery and U.S. 90 Interchange, Lafayette Parish, Louisiana Senior Consultant. During the construction phase of this project, Paul provided oversight on the development of the pile load test program. 17 piles were tested during construction and Paul reviewed pile installation data, PDA data and developed capacity estimates using the CAPWAP program to verify adequate capacities were achieved.		
12/19 – 08/23	Plaquemines LNG, Plaquemines Parish, Louisiana Principal Engineer, Test Pile Program, CAPWAP evaluations, PDA tests and setup capacity evaluations for driven piles for land and marine facilities including dock structures, LNG tanks, process structures and storm surge walls. Over 50 piles were dynamically monitored for capacity assessment during the course of the project.		
03/19 – 03/20	Calcasieu LNG, Cameron Parish, Louisiana Principal Engineer, PDA tests and setup capacity evaluation for driven pipe piles for land and marine facilities including dock structures, LNG tanks, process structures and storm surge walls. Over 50 piles were dynamically monitored for capacity assessment during the project.		



01/19 – 12/20	Gordie Howe International Bridge, Windsor, Ontario and Detroit, Michigan Chief Engineer, analyze/review/report CSL and TIP tests for 52 tests and production drilled shafts, up to 10-ft in diameter.
05/15 – 07/17	Cameron LNG Liquefaction, Hackberry, Louisiana Senior Engineer, performing PDA and static tests for DeWaal Piles.
04/13 – 02/15	Permanent Canals & Closures Pumps Project, Orleans Parish, Louisiana Principal Engineer, PDA, setup, static tests for steel/concrete piles. for land and marine facilities including dock structures, LNG tanks, process structures and storm surge walls. Over 30 piles were dynamically monitored for capacity assessment during the course of the project at three pump station locations on the New Orleans lakefront.
04/14 – 07/14	Methanex G2 Plant, Geismar, Louisiana Principal Engineer, providing static/dynamic tests and drive criteria for prestressed concrete piles.
03/11 – 07/12	Baton Rouge SWWTP, East Baton Rouge Parish, Louisiana Principal Engineer, PDA and PIT for 14-inch DeWaal piles.
06/10 – 08/11	I-12 O'Neal Lane Overpass, East Baton Rouge Parish, Louisiana Branch Manager drilled shaft design, H-piles, PDA/CSL, post grout.
08/10 – 10/11	I-10 KCS Bridge, East Baton Rouge Parish, Louisiana Branch Manager, drilled shaft/pile design, PDA/static/O-Cell/PIT/CSL tests.
03/10 – 05/10	IHNC Seabrook Gate, Orleans Parish, Louisiana Branch Manager, PDA and static tests, 30-in steel pipe piles.

16. Staff Experience:

Firm employed by Fugro USA Land, Inc.					
Name	Mike Hollier, PE		Years of relevant experience with this employer	21	
Title	Project Engineer		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			BS / 2005 / Civil Engineering		
Active registration number / state / expiration date			34828 / LA / 03/31/2026		
Year registered	2009	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Supervising Engineer. Mike will manage and execute Geotechnical project phases including proposal preparation, project initiation and coordination, field test result reviews, laboratory assignments, lab test result reviews, geotechnical engineering analyses, and report generation and review.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
2003 / current	Mike Hollier serves Southwest Louisiana for Fugro where he manages a variety of geotechnical projects. His experience has encompassed projects in the transportation, government, industrial, and commercial sectors across southwest Louisiana since joining Fugro in 2003. During his 22 years of experience, Mike has gained knowledge of geotechnical field & laboratory activities, construction materials testing, and geotechnical engineering. He routinely performs and oversees calculations of pile capacity, shallow bearing capacity, settlement/slope stability of embankments and site preparation activities. He also has experience in construction monitoring of geotechnical construction including pile installation, compaction of soils, and embankment monitoring with instrumentation. Mike’s transportation experience has been focused on infrastructure projects in southwest Louisiana. He works routinely with Calcasieu Parish, Cameron Parish and the City of Lake Charles on road/bridge improvement projects. Mike has also contributed geotechnical engineering experience on DOTD projects.				
09/13 – 03/17 08/20 - current	LADOTD Statewide Geotechnical Retainer Contract, Louisiana Mike Hollier served as a Task Order Manager and Project Engineer for this project which included performing over 20 task orders for bridge structures across Louisiana. The scopes of work include soil borings (on land and in water), laboratory testing, engineering analysis, and design recommendations. The bridge projects managed by Mike include the Interstate 10 Calcasieu River Bridge (Task Order No. H.003931) during 2021. For this project, 72 soil borings, laboratory testing, and data reporting were performed for the main bridge structure, overpasses, and pavements. Fugro received high remarks regarding performance on this time sensitive project.				
08/20 – 07/24	LADOTD, I-49 South: Ambassador Caffery and U.S. 90 Interchange, Lafayette Parish, Louisiana Supervising Engineer. The project included 56 soil borings and 17 Cone Penetrometer Tests, laboratory testing, and driven pile recommendations for bridge/overpass structures and settlement analyses for embankments. Mike provided axial and lateral pile capacity calculations, embankment settlement and stability, technical review and oversight for the project. During construction, Mike assisted with Construction Monitoring of dynamic testing of pile foundations and development of pile driving criteria.				
11/19 – 05/20	Calcasieu Parish Police Jury (CPPJ), Sara Street Bridge Replacement, Blue Wing Civil Consulting, LLC, Sulphur, Louisiana Location Manager/Geotechnical Engineer of Record. CPPJ plans to replace the existing bridge located along Sara Street in Sulphur, Louisiana with a new slab span bridge supported on precast concrete pile foundations. Mike provided technical review and oversight for this project.				

08/17 – 12/17	City of Lake Charles, West Prien Lake Road Reconstruction, D. W. Jessen & Associates, L.L.C., Lake Charles, Louisiana Location Manager. The City of Lake Charles is planning for the reconstruction of West Prien Lake Road extending southward to Ihles Road, as well as the reconstruction of Sale Road from its intersection with Prien Lake Road to its intersection with Rue Chan Ann Lane, as well as a portion of Henderson Bayou Road in Lake Charles, LA. Mike provided technical review and oversight for this project.
07/14 – 10/14	Calcasieu Parish Police Jury (CPPJ), River Road Bridge Replacement, Parish Barn Road Bridge Replacement, Metzger Road Bridge Replacement, Aucoin & Associates, Inc., Calcasieu Parish, Louisiana Location Manager. CPPJ plans to replace the existing bridges located along River Road, Parish Barn Road, and Metzger Road in Calcasieu Parish, Louisiana with new bridges supported on precast concrete pile foundations or box culverts. Mike provided technical review and oversight for these projects.

16. Staff Experience:

Firm employed by Fugro USA Land, Inc.					
Name	Peter Cole		Years of relevant experience with this employer		11
Title	Environmental Services Manager		Years of relevant experience with other employer(s)		13
Degree(s) / Years / Specialization		BS / 2000 / Industrial Technology			
Active registration number / state / expiration date					
Year registered		Discipline			
Contract role(s) / brief description of responsibilities		Task Order Manager. Peter will manage and execute Geotechnical project phases including proposal preparation, project initiation, and coordination.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
12/13 - current	Peter Cole currently services as a Project Manager for large-scale geotechnical programs in Louisiana. In this role he is responsible for permitting, site evaluating equipment needs, traffic control coordination, project management, and client management. Peter serves as project manager for many of the existing tasks as part of the LADOTD geotechnical retainer contract. Along with Project Manager duties, Peter serves as Environmental Services Manager and has overseen, managed, and performed numerous Phase I and Phase II Environmental Site Assessments (ESAs), in depth Site Investigations, UST removals, development of Work Plans/Corrective Action Plans, soil remediation via removal and disposal, monitoring well installations, groundwater remediation, risk evaluations (RECAP), and various LDEQ consulting projects including VRP program enrollment and other various projects involving sampling of soil and groundwater on commercial and industrial properties.				
05/15 – 03/17 08/20 - current	LADOTD Statewide Geotechnical Retainer Contract, Louisiana Task Manager/Project Manager. Peter Cole has served as project manager for this program which included performing over 20 task orders for bridge structures across Louisiana with a total program cost of over \$7M. The scope of work included soil borings (on land and in water), laboratory testing, engineering analysis, and design recommendations. Peter coordinated with DOTD Task Leaders to develop project budgets, assess field conditions for equipment accessibility, coordination of field equipment and traffic control, maintaining project budgets, and client communication.				
10/24 – 8/25	Zeagler Cutoff, LaSalle Parish, Louisiana (H.015015.5) This project consisted of 2 borings for a new bridge structure along Zeagler Cutoff in LaSalle Parish. Peter was project manager and coordinated with the DOTD project manager.				
1/24 – 6/24	Lemon Road Over Drainage Bayou, East Baton Rouge Parish, Louisiana (H.014993) This project consisted of 2 borings for a new bridge structure along Lemon Road over Drainage Bayou in East Baton Rouge Parish. Peter was project manager and coordinated with the DOTD project manager.				
03/21 – 10/21	LA Highway 16 Bridges (Isabel to Sun) St. Tammany Parish, Louisiana (H.013984) This project consisted of 10 borings and 10 CPT soundings covering 5 separated bridge structures along LA Hwy 16 in St. Tammany Parish. Peter served as project manager.				
06/21 – 11/21	Interstate 10 Calcasieu River Bridge (Task Order No. H.003931) For this project, 72 soil borings, laboratory testing, and data reporting were performed for the main bridge structure, overpasses, and pavements. Peter provided Project Management services.				

11/21 – 01/22	US 51 Yellow Water Bridge Tangipahoa Parish, LA (H.012071.5) This project consisted of 4 borings across a bridge structure near Hammond Louisiana. Peter served as project manager.
03/22 - current	Colewa-Delemar Bayou Bridges Replacement (H.012032) This project consists of 6 boings between two separate bridge structures in northern Louisiana. Peter is serving as project manager.

16. Staff Experience:

Firm employed by Fugro USA Land, Inc.					
Name	Robert Johnson		Years of relevant experience with this employer		7
Title	Laboratory Manager		Years of relevant experience with other employer(s)		8
Degree(s) / Years / Specialization		N/A			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Laboratory Manager. Robert will perform advanced testing, oversee quality control and training of the geotechnical laboratory personnel, daily data reduction using gINT, Excel and Geosystems, and calibrations of laboratory testing equipment. MRP No. 12			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
2010 - current	Robert Johnson has spent the last 15 years of his career dedicated to the management and performance of geotechnical laboratory functions in Louisiana. Starting in 2010, Robert began working with Gulf Shores Construction Services and was responsible for performing and managing geotechnical testing as part of ongoing civil works projects. The work required development and maintenance of national certifications and validations per project requirements. Robert was instrumental in achieving certification with AASHTO and the Corps of Engineers. He joined the Fugro Baton Rouge laboratory in 2018 as Laboratory Manager and brought his experience to maintain Fugro’s high standards of laboratory data acquisition. Robert currently manages a staff of 4 laboratory technicians focused on measuring soil parameters needed for site characterization. Robert maintains Fugro’s AASHTO certification, Corps of Engineers validation and Louisiana Department of Environmental Quality (LELAP) certifications for the Baton Rouge laboratory. Some of his specific DOTD experience includes soil testing for Task Orders on Geotechnical Retainer Contract, Statewide Bridge Scour program and Kansas Lane project. Laboratory tests that Robert is proficient with include: ▪ pH of soils ▪ Unconfined Compression ▪ Organic Content ▪ Unconsolidated-Undrained Triaxial Compression ▪ Hydrometer Analysis ▪ Atterberg Limits ▪ Atterberg Limits ▪ Sieve Analysis ▪ Permeability ▪ Moisture Density Relationship (Proctor) ▪ Specific Gravity ▪ One Dimensional Consolidation Tests Cement and Lime-Treated Bench Scale Testing				

10/24 – 8/25	Zeagler Cutoff, LaSalle Parish, Louisiana (H.015015.5) Laboratory Manager. This project consisted of 2 borings for a new bridge structure along Zeagler Cutoff in LaSalle Parish. Robert managed the laboratory testing for the sample collected for the project in accordance with DOTD protocols.
1/24 – 6/24	Lemon Road Over Drainage Bayou, East Baton Parish, Louisiana (H.014993) Laboratory Manager. This project consisted of 2 borings for a new bridge structure along Lemon Road over Drainage Bayou in East Baton Rouge Parish. Robert managed the laboratory testing for the samples collected for the project in accordance with DOTD protocols.
06/21 – 11/21	Interstate 10 Calcasieu River Bridge (Task Order No. H.003931) Laboratory Manager. For this project, 72 soil borings, laboratory testing, and data reporting were performed for the main bridge structure, overpasses, and pavements. Robert oversaw laboratory testing allowing Fugro to complete this project ahead of schedule and on budget.
03/21 – 10/21	LA Highway 16 Bridges (Isabel to Sun) St. Tammany Parish, LA (H.013984) Laboratory Manager. This project consisted of 10 borings and 10 CPT soundings covering 5 separated bridge structures along LA Hwy 16 in St. Tammany Parish. Robert managed the laboratory testing for the samples collected for the project in accordance with DOTD protocols.
11/21 – 01/22	US 51 Yellow Water Bridge Tangipahoa Parish, LA (H.012071.5) Laboratory Manager. This project consisted of 4 borings across a bridge structure near Hammond Louisiana. Robert managed the laboratory testing for the samples collected for the project in accordance with DOTD protocols.
03/22 – 09/22	Colewa-Deleamar Bayou Bridges Replacement (H.012032) Laboratory Manager. This project consists of 6 boings between two separate bridge structures in northern Louisiana. Robert managed the laboratory testing for the samples collected for the project in accordance with DOTD protocols.

16. Staff Experience:

Firm employed by Fugro USA Land, Inc.					
Name	Mike Allen, PG		Years of relevant experience with this employer	23	
Title	Geoscientist		Years of relevant experience with other employer(s)	15	
Degree(s) / Years / Specialization			BS / 1986 / Geology		
Active registration number / state / expiration date			165 / LA / 10/14/2025		
Year registered	2015	Discipline	Professional Geoscientist		
Contract role(s) / brief description of responsibilities			Field Crew Supervisor. Mike will supervise drilling operations for task orders and provide technical oversight of geotechnical, environmental, and geological aspects of task orders issued under this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
01/03 - current	Mike Allen has supervised geotechnical field operations for high profile Fugro projects in Louisiana since 2003. He has over 38 years of geotechnical field experience which includes the development, oversight, logging and characterization of soil exploration, all in Louisiana. His project experience covers geotechnical and environmental services for transportation, industrial, coastal, and commercial applications. As part of his duties, Mike works to determine access and equipment requirements. He has executed field programs for DOTD that included land-based trucks and ATV mounted equipment for conventional access, all the way to marsh-buggy and lift-boat mounted equipment for marine access. His responsibilities include administrative and project management, coordination with drillers and CPT crews, and following specific DOTD sampling protocols.				
06/08 – 06/12 05/12 – 03/17 08/20 - current	Statewide Louisiana Retainer Contract DOTD has assigned over 50 task orders as part of three separate Geotechnical Retainer contracts. Mike has assisted in the coordination and execution of these task orders which included borings and CPTs in both land and marine environments.				
06/21 – 11/21	Interstate 10 Calcasieu River Bridge (Task Order No. H.003931) Field Supervisor. For this project, Mike supervised the field work for 72 soil borings performed for the project. Mike coordinated site access and traffic control operations and then provided field oversight and logging services to comply with DOTD protocols.				
11/05 – 12/08	I-10 Twin Spans Replacement Project, Orleans and St. Tammany Parishes, Louisiana As part of the replacement of the I-10 Twin Spans damaged during Hurricane Katrina, an extensive geotechnical data collection campaign was conducted. The program included performing over 30 Soil Borings to depths up to 200-ft below the mudline. The borings were performed in up to 15-ft of open water using lift-boat mounted equipment. Mike managed the data acquisition which required close communication with DOTD due to the accelerated schedule on the project. The project was completed on schedule, which helped advance the design of the emergency project.				
05/04 – 06/19	Statewide Louisiana Bridge Scour Program DOTD was performing evaluations of bridge scour Statewide. At select bridge locations, borings were performed to acquire data where gaps were noted. Mike managed field operations for this program for over 40 bridge locations which has lasted over 15 years and required access of land- and marine based equipment.				

16. Staff Experience:

Firm employed by Fugro USA Land, Inc.					
Name	Martin Skyrman, PE		Years of relevant experience with this employer	7	
Title	Senior Consultant		Years of relevant experience with other employer(s)	28	
Degree(s) / Years / Specialization		MS /1997 / Civil Engineering BS /1991 / Civil Engineering			
Active registration number / state / expiration date		36651 / LA / 3/31/2026			
Year registered	2011	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities		Supervising Engineer, Senior Consultant			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
2014 - Current	Martin Skyrman, a seasoned geotechnical engineer with a distinguished career as a commissioned officer in the U.S. Army Reserves, Engineers Branch (ret), brings a unique blend of technical acumen and strategic leadership to complex infrastructure and environmental projects. He has wide ranging project experience including bridge and roadway, petrochemical and industrial facilities, hospitals and schools, municipal infrastructure, commercial and residential construction, power generation and transmission, waste disposal, dams, mining, forensic engineering, hurricane and flood protection structures (levees, floodwalls, pump stations), shoreline stabilization and marsh creation, and port/wharf infrastructure. Marty has significant experience in performing geotechnical investigations and evaluations for projects in various parts of the U.S. including the west coast, inter-mountain west, the gulf coast, and the mid-Atlantic regions.				
2023 - Current	LA1/LA415 Connector Project – LADOTD (H.005121) West Baton Rouge Parish, Louisiana - Serving as Senior Consultant/Principal Engineer for Fugro. Since 2023, Marty’s work included development of field, lab, and engineering program for a new 2.7-mile roadway connecting I-10 and LA-1. Field work began in March 2025, and Marty is currently reviewing field data, assigning laboratory testing, and providing engineering design calculations and consultation to advance the project. Engineering scope includes deep foundation design, retaining wall design, and subgrade surveys.				
07/17 - 08/18	I-405 Caltrans Design-Build Transportation Improvements – Los Angeles, California - Senior Consultant. Prepared multiple geotechnical design reports and hydraulic structure foundation reports for the widening improvements included standard plan retaining walls, sound walls, overhead sign structures, main line and bridge approach embankments, infiltration/detention basins, and large box culvert extensions. Geotechnical challenges for the project included high groundwater, highly variable alluvium, and liquefiable soils.				
03/10 - 11/21	Airport Road, South Bridge and State Highway 82 Improvements Geotechnical design of large diameter drilled shaft foundations for support of a new, three span bridge of cast-in-place segmental construction over the Roaring Fork River. Prepared geotechnical recommendations pertaining to shallow and deep foundations associated with the bridge structure, an airport tunnel structure, a pedestrian underpass box structure, and numerous soil nail, MSE and cast-in-place type retaining walls.				
05/20 - 08/20	K-01-A Scour Critical Bridge, State Highway 141 - Senior Consultant. Geotechnical design and recommendations for underpinning of a bridge over the Dolores River as part of CDOT’s Scour Critical Program. The scope of the project included drilling soil borings, laboratory testing, and engineering analyses. Marty provided design recommendations for micropile foundation elements founded in bedrock to underpin the existing spread footings.				

16. Staff Experience:					
Firm employed by Fugro USA Land, Inc.					
Name	Deborah Meyer-Sayer		Years of relevant experience with this employer		17
Title	CADD Technician		Years of relevant experience with other employer(s)		35
Degree(s) / Years / Specialization		N/A			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities			CADD Technician/Reporting Deliverables: Deborah will use her extensive experience on LADOTD projects and Geotechnical Section requirements to draft boring logs, calculate laboratory results, and deliver digital deliverables.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
2008 - Current	Deborah Meyer-Sayer joined Fugro in 2008 and has over 35 years’ experience in drafting/AutoCAD in a geotechnical environment, all in Louisiana. Over the course of her career, she has maintained the DOTD geotechnical database and has kept up with the evolution of DOTD reporting protocols. She has consulted with DOTD on boring log presentation and development of new templates for reporting. She is responsible for plotting laboratory results on projects and site drawings and has experience with AutoCAD and gINT, the primary reporting tool for DOTD. Deborah is leading the implementation of GIS tools for geotechnical applications in Louisiana. She also performs QA checks on laboratory data and is intimately familiar with DOTD testing protocols having been involved on these tasks during her career.				
05/15 – 03/17 08/20 – Ongoing	LADOTD Statewide Geotechnical Retainer Contract, Louisiana Deborah served as CADD Technician and Data Manager for this program which included performing over 20 task orders for bridge structures across Louisiana with a total program cost of over \$4M. The scope of work included soil borings (on land and in water), laboratory testing, engineering analysis, and design recommendations. Fugro was also retained to install geotechnical instrumentation. She worked closely with DOTD to format and generate logs and maintain data through gINT database program for various task orders under this contract.				
07/18 – 12/24	LADOTD, I-49 South: Ambassador Caffery and U.S. 90 Interchange, Lafayette Parish, Louisiana Deborah served as CADD Technician and Data Manager for the project. This project consists of geotechnical recommendations for planned MSE walls, global stability analyses, settlement predictions and mitigation recommendations related to the I-49 south, US 90 and Ambassador Caffery interchange in Lafayette, Louisiana.				
03/21 - 10/21	LA Highway 16 Bridges (Isabel to Sun) St. Tammany Parish, LA (H.013984) This project consisted of 10 borings and 10 CPT soundings covering 5 separated bridge structures along LA Hwy 16 in St. Tammany Parish. Deborah served as CADD Technician and Data Manager to compile laboratory data and generate deliverables such as graphical logs.				
06/21 - 11/21	Interstate 10 Calcasieu River Bridge (H.003931) For this project, 72 soil borings, laboratory testing, and data reporting were performed for the main bridge structure, overpasses, and pavements. Deborah served as CADD Technician and Data Manager which included lab testing data management and log generation for all 72 borings.				

11/21 - 01/22	US 51 Yellow Water Bridge Tangipahoa Parish, LA (H.012071.5) This project consisted of 4 borings across a bridge structure near Hammond Louisiana. Deborah served as CADD Technician and Data Manager to compile laboratory data and generate deliverables such as graphical logs.
03/18 – 07/18	Kansas Lane, Garrett Road Connector and I-20 Improvements; Ouachita Parish, Louisiana (H.004774.5 and H.007300.6) Deborah served as CADD Technician and Data Manager for this project which included management of test results and generation of logs and other report plates.
05/18 – 10/18	La 44 to US 61, Germany Road Roadway improvements (H.013793) Deborah served as CADD Technician and Data Manager for this project which included management of test results and generation of logs and other report plates.

16. Staff Experience:

Firm employed by Fugro USA Land, Inc.						
Name	Steve Williams			Years of relevant experience with this employer		41
Title	Director of Site Investigations, Americas			Years of relevant experience with other employer(s)		1
Degree(s) / Years / Specialization			N/A			
Active registration number / state / expiration date			N/A			
Year registered	N/A		Discipline	N/A		
Contract role(s) / brief description of responsibilities			Drilling Supervisor/Manager. Steve will perform management oversight for geotechnical investigations. MPR No. 13			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).					
1986 - current	Steve Williams has considerable operational and managerial experience in offshore, nearshore (coastal) and onshore geotechnical ground investigations, surveys and exploration drilling gained over a 42-year career within the industry. He also has depth experience in the execution and project management of marine operations conducted from anchored and dynamically positioned vessels, anchored and spud legged barges and self-elevating platforms (jack-up platforms / self-elevating platforms). He also oversees soil and sediment sampling. In 2019, Steve assumed the position of Exploration Service Line Director for the Americas Region. Based in Houston, Steve manages the fleet of exploration resources in the Gulf Coast Region including over 10 drilling crews and 5 CPTs. Steve has a specialty expertise for assessing nearshore site conditions and delivering data acquisition in difficult environments.					
03/25 – current	LA1/LA415 Connector Project – LADOTD (H.005121) West Baton Rouge Parish, Louisiana Director of Site Investigation. Field work began in March 2025, and Steve is providing management oversight for field investigation. Field scope includes over 75 borings with a total footage of over 8,000-ft and 31 Cone Penetration Test soundings with a total footage of over 4,500-ft.					
03/21 – 10/21	LA Highway 16 Bridges (Isabel to Sun) St. Tammany Parish, LA (H.013984) Director of Site Investigation. Steve provided management oversight for this project consisting of 10 borings and 10 CPT soundings covering 5 separated bridge structures along LA Hwy 16 in St. Tammany Parish.					
06/21 – 11/21	Interstate 10 Calcasieu River Bridge (Task Order No. H.003931) Exploration Manager. For this project, 72 soil borings, laboratory testing, and data reporting were performed for the main bridge structure, overpasses, and pavements. Steve served as exploration director for this project which utilized multiple rigs and drilling crews simultaneously in order to meet the deadline for the project.					
11/21 – 01/22	US 51 Yellow Water Bridge Tangipahoa Parish, LA (H.012071.5) This project consisted of 4 borings across a bridge structure near Hammond Louisiana. Steve directed exploration activities.					
11/19 – 01/20	Houston Ship Channel Widening, Houston, Texas Project Manager. Seabed hazard survey and 103 geotechnical borings for the Port of Houston. Steve managed the project execution for Fugro which included marine based borings and logistics with ports and the Coast Guard.					

05/19 – 11/19	Enbridge Line 5 Crossing. Straits of Mackinac, Lake Michigan 18 geotechnical borings, downhole geophysical and insitu testing, laboratory testing and reporting. Steve managed the project execution and client interface.
05/19 – 09/19	Sabine Neches Channel Widening and Deepening, Sabine Neches Waterway Project Manager. Seabed hazard survey, 123 geotechnical borings, laboratory testing and reporting.

16. Staff Experience:			
Firm employed by Fugro USA Land, Inc.			
Name	Sheldon Collins		Years of relevant experience with this employer
Title	CPT Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		CPT Supervisor/Water Well License Holder. Sheldon will guide scopes of work and access capabilities for CPT task orders and be responsible for the day-to-day operations of CPT tasks.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
1990 - current	Sheldon Collins has devoted his career to the development and execution of site characterization using Cone Penetration Testing (CPT) technology. His project experience covers geotechnical and environmental services for transportation, industrial, coastal and commercial applications across the United States. Locally, Sheldon has been a consultant to DOTD on operational issues with CPT equipment that Fugro built for the department, including calibrating the DOTD cones for the last 34 years.		
03/25 – current	LA1/LA415 Connector Project – LADOTD (H.005121) West Baton Rouge Parish, Louisiana Serving as CPT Supervisor. Field work began in March 2025, and Sheldon managed and supervised the CPT field scope which included 31 Cone Penetration Test soundings with a total footage of over 4,500-ft.		
03/21 – 10/21	LA Highway 16 Bridges (Isabel to Sun) St. Tammany Parish, LA (H.013984) This project consisted of 10 borings and 10 CPT soundings covering 5 separated bridge structures along LA Hwy 16 in St. Tammany Parish. Sheldon directed CPT activities.		
2003 - 2004	LA1 Relocation, Lafourche Parish, Louisiana DOTD was having trouble acquiring CPT data to target depths as part of the geotechnical exploration program for the LA1 Relocation project. DOTD reached out to Fugro to develop a system where CPT data could be captured to the desired depths. Sheldon managed the CPT operation of using airboat-mounted equipment that was sunk for additional pushing capacity. Due to the very soft soil conditions, three levels of casing were needed to provide the rod rigidity needed to capture CPT data to depths of 200-ft below the mudline. The acquired data helped DOTD design an efficient foundation alternative while reducing field costs.		
11/05 – 12/08	I-10 Twin Spans Replacement Project, Orleans and St. Tammany Parishes, Louisiana As part of the replacement of the I-10Twin Spans damaged during Hurricane Katrina, an extensive geotechnical data collection campaign was conducted. The program included performing over 260 CPT soundings to depths of 175-ft below the mudline. The CPTs were performed in up to 15-ft of open water using lift-boat mounted equipment. Sheldon managed the CPT data acquisition which required close communication with DOTD as piles were being ordered within days of obtaining the data. The data provided reliability for accurate casting of pile foundation order lengths that could not be done with conventional means.		



05/04 – 06/19	Statewide Louisiana Bridge Scour Program DOTD was performing evaluations of bridge scour Statewide. At select bridge locations, CPTs were performed to acquire data where gaps were noted. Sheldon managed the CPT operations for this program which has lasted over 15 years and required access of land- and marine based equipment.
06/12 – 06/15	Statewide Louisiana Retainer Contract, Cable Barriers As DOTD embraced the use of cable barriers to address safety concerns, Fugro was tasked with acquiring CPT data within interstate corridors to develop the data needed to finalize design. Sheldon managed the operations which included traffic control and even nighttime operations to safely capture the data.

16. Staff Experience:

Firm employed by Fugro USA Land, Inc.					
Name	Viet Le		Years of relevant experience with this employer		7
Title	Project Engineer		Years of relevant experience with other employer(s)		8
Degree(s) / Years / Specialization		BS / 2015 / Civil Engineering			
Active registration number / state / expiration date		49806 / LA / 09/30/2027			
Year registered	2025	Discipline	Civil		
Contract role(s) / brief description of responsibilities		Project Engineer. Viet will coordinate field exploration services, geotechnical engineering analysis, design, and reporting for task orders issued.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
05/18 - current	Viet Le has served in a variety of capacities ranging from field coordination and execution to engineering analysis and reporting. His project experience similarly spans many markets and industries including but not limited to transportation, energy, coastal resilience, and infrastructure.				
2023 - current	LA1/LA415 Connector Project, LADOTD (H.005121) West Baton Rouge Parish, Louisiana Serving as Project Engineer for Fugro. Since 2023, work included development of field, lab and engineering program for a new 2.7-mile roadway connecting I-10 and LA-1. Field work began in March 2025, and Viet is currently coordinating the field investigation, reviewing field data, assigning laboratory testing and providing engineering design calculations and consultation to advance the project. Field scope includes over 75 borings with a total footage of over 8,000-ft and 31 Cone Penetration Test soundings with a total footage of over 4,500-ft. Engineering scope includes deep foundation design (axial and lateral driven piles), retaining wall design (slope stability and settlement) and subgrade surveys.				
10/24 – 8/25	Zeagler Cutoff, LaSalle Parish, Louisiana (H.015015.5) Project Engineer. This project consisted of 2 borings for a new bridge structure along Zeagler Cutoff in LaSalle Parish. Viet coordinated the field investigation, developed the laboratory testing plan according to DOTD protocols, data review and generated logs for the resulting data report deliverable.				
1/24 – 6/24	Lemon Road Over Drainage Bayou, East Baton Parish, Louisiana (H.014993) Project Professional. This project consisted of 2 borings for a new bridge structure along Lemon Road over Drainage Bayou in East Baton Rouge Parish. Viet coordinated the field investigation, developed the laboratory testing plan according to DOTD protocols, data review and generated logs for the resulting data report deliverable.				
06/21 – 11/21	Interstate 10 Calcasieu River Bridge (Task Order No. H.003931) Project Professional. For this project, 72 soil borings, laboratory testing, and data reporting were performed for the main bridge structure, overpasses, and pavements. Viet developed the laboratory testing programs for select borings and developed the final boring log deliverables for the project.				
11/21 – 01/22	US 51 Yellow Water Bridge Tangipahoa Parish, LA (H.012071.5) This project consisted of 4 borings across a bridge structure near Hammond Louisiana. Viet served as field logger and developed the laboratory testing program and deliverable logs.				

09/19 – 11/19	City of Chackbay, Chackbay Substation – Entergy Services, Inc., New Orleans, Louisiana Staff Professional. Entergy Services, Inc. planned for the design and construction of a new substation in Chackbay, Louisiana. Viet coordinated and logged field exploration activities, reviewed soil laboratory testing results, and performed geotechnical engineering analyses for foundation support of the new substation.
02/19 – 07/21	City of New Orleans, St. Catherine Island Marsh Creation and Shoreline Protection, Coastal Protection and Restoration Authority (CPRA), Baton Rouge, Louisiana Staff Professional. The Louisiana Coastal Protection and Restoration Authority (CPRA) is planning to install approximately 19,479 linear feet of shoreline protection along the Lake Ponchartrain shoreline protecting 120 acres of marsh. In addition, 219 acres of marsh will be created/nourished on the landward side of the planned shoreline protection. Viet logged field exploration services and assisted with reviewing the soil laboratory testing results.
10/19 – 12/19	City of Geismar, Praxair Pipe Bridge Improvements, Praxair, Geismar, Louisiana Staff Professional. Praxair plans for the improvements to an existing pipe bridge at the Praxair facility in Geismar, Louisiana. Viet coordinated and logged field exploration activities, reviewed soil laboratory testing results, and assisted with performing geotechnical engineering analyses for additional foundation support of the existing pipe bridge.

16. Staff Experience:			
Firm employed by Lazenby & Associates, Inc.			
Name	Ronald J. Riggin, II, P.E., P.L.S.		Years of relevant experience with this employer
Title	Project Surveyor		12
		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		B.S. / 2006 / Civil Engineering	
Active registration number / state / expiration date		P.L.S. 0005119/ Louisiana / 03/31/2027 P.E. 0036016 / Louisiana / 03/31/2027	
Year registered	2014 2011	Discipline	Professional Land Surveyor Professional Engineer (Civil)
Contract role(s) / brief description of responsibilities		Topographic Survey, Property Surveys, Right-of-Way Maps	
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. Riggin is familiar with the requirements of the LDOTD Location and Survey Section for conducting topographic surveys, property surveys and hydrographic surveys. Mr. Riggin is responsible for quality control of all survey data obtained by survey crews in conducting topographic surveys, property surveys, and hydrographic surveys. Mr. Riggin has over five (5) years of experience in conducting and performing topographic surveys, property surveys, and developing right-of-way maps. Mr. Riggin has successfully completed following continuing education classes, workshops, and seminars: • LA Specific Traffic Control Technician Course, 2024 (refresher) • LA Specific Traffic Control Supervisor Course, 2024 (refresher) • ATSSA Course for Traffic Flagger, 2024 On this project, Mr. Riggin meets the MPR Requirement No. 9.		
07/14 – 06/16	Retainer Contract No. 4400003471 – Retainer Contract for Professional Surveying Services – Statewide - Project Surveyor responsible for coordination and supervision of survey field crews performing topographic surveys and property surveys on 14 Task Orders for an accumulated value of \$436,473.00 for LDOTD State Projects at various locations in northern Louisiana.		
10/14 – 06/17	Retainer Contract No. 4400004541 – Retainer Contract for Professional Surveying Services – Statewide - Project Surveyor responsible for coordination and supervision of survey field crews performing topographic surveys and property surveys on 8 Task Orders for an accumulated value of \$811,513.00 for LDOTD State Projects at various locations in Louisiana.		
04/13 – 06/16	Project Surveyor for Contract No. 4400002862, S.P. # H.008768 – Hydrographic Survey Monitoring of Existing Bridges – Statewide (North Region) - Performed hydrographic surveys on 14 Task Orders for monitoring scour at major bridge sites in north Louisiana. Duties included supervision of survey crews, analysis of survey data, and the development of required hydrographic survey reports at the various bridge locations.		
04/14 – Present	Professional Surveyor of Record for developing topographic surveys and Property Surveys for private clients on residential developments and commercial developments in Ouachita Parish and northern Louisiana. Professional Engineer of Record for the overall design of residential and commercial developments.		
03/15 – 08/17	State Project No. H.011742: Ole Highway 15 Improvements, Ouachita Parish - Mr. Riggin performed a topographic survey of a 2.2-mile section of Ole Hwy 15 from US 80 to LA 616 and then was the project engineer responsible for roadway design. This project consisted of pavement reconstruction under the DOTD Urban Systems program. (Note that we typically perform a full topo survey,		

	within existing right-of-way, on pavement preservation projects on Ouachita Parish roadways. This is not typically done for LDOTD on-system pavement preservation projects.)
05/16 – 02/18	Project Surveyor on the Steep Bayou Sewer Main project of the West Ouachita Sewerage District No. 5 - Mr. Riggins performed a topographic survey of the alignment for a sewer main trunk line from I-20 to New Natchitoches Road along Steep Bayou in Ouachita Parish. He also conducted a boundary survey of the right-of-way parcels along this route and developed the necessary ROW maps and legal descriptions.
09/18 – 01/23	Retainer Contract No. 4400012668 – Retainer Contract for Professional Surveying Services – Statewide (North Region) - Performed hydrographic surveys on major bridge structures in northern Louisiana for monitoring channel scour. Duties included supervision of field crews, analysis of survey data and development of required hydrographic survey reports at the various bridge locations for submission to the LDOTD.
12/18 – 02/19	State Project No. H.013802: Garrett Road, Ouachita Parish - Mr. Riggins was responsible for supervision and scheduling of field survey crews, analysis of survey data, and development of field roll for use in project design. This project consisted of a mill, patch, and overlay of a 0.4-mile segment of roadway from LA 15 to Austin Street under the DOTD Urban Systems program.
01/19 – 04/19	State Project No. H.013804: Wall Williams Road, Ouachita Parish - Mr. Riggins was responsible for supervision and scheduling of field survey crews, analysis of survey data, and development of field roll for use in project design. This project consisted of segments of mill, patch, and overlay and segments of reconstruction of a 1.6-mile segment of roadway from Good Hope Road to LA 143 under the DOTD Urban Systems program.
04/19 – 07/19	State Project No. H.014348: Lee Avenue, City of Monroe, Ouachita Parish - Mr. Riggins was responsible for supervision and scheduling of field survey crews, analysis of survey data, and development of field roll for use in project design. This project consisted of a mill, patch, and overlay of a 1.2-mile segment of roadway from Jackson Street to Standifer Avenue under the DOTD Urban Systems program.
07/19 – 09/19	State Project No. H.013796: Tanglewood Drive, Ouachita Parish - Mr. Riggins was responsible for supervision and scheduling of field survey crews, analysis of survey data, and development of field roll for use in project design. This project consisted of roadway reconstruction a 0.3-mile segment of roadway from LA 15 to Dellwood Drive under the DOTD Urban Systems program.

16. Staff Experience:				
Firm employed by Lazenby & Associates, Inc.				
Name	Paul D. Fryer, P.E., P.L.S.		Years of experience with this firm/employer	38
Title	Senior Vice-President		Years of experience with other firm(s)/employer(s)	2
Degree(s) / Years / Specialization		B.S. / 1984 / Civil Engineering		
Active registration number / state / expiration date		P.L.S. 0004806/ Louisiana / 09/30/2027 P.E. 0023426 / Louisiana / 09/30/2027		
Year registered	1987 1997	Discipline	P.E. - Civil Engineering P.L.S.	
Contract role(s) / brief description of responsibilities		Project Manager, QA-QC		
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. Fryer has over 38 years of experience in planning, surveying, designing, inspecting, and construction administration of transportation facilities. Mr. Fryer is familiar with LDOTD and AASHTO design standards for roadway design and plans development. Mr. Fryer has performed professional engineering and land surveying services on a variety of projects involving line and grade studies, major investment studies, location and Stage “0” studies as well as topographic surveys, property surveys, development of ROW maps. Mr. Fryer also has extensive experience in developing preliminary and final roadway plans on a variety of LDOTD projects, and has served in a QA-QC role on many different projects throughout his career. Mr. Fryer is familiar with the LDOTD Location and Survey Manual for conducting topographic surveys, property surveys and developing right-of-way maps. He has overseen the development of right-of-way maps for various LDOTD projects for over 20 years. Mr. Fryer has successfully completed the following continuing education classes, workshops, and seminars: • LA Specific Traffic Control Technician Course, 2024 (refresher) • LA Specific Traffic Control Supervisor Course, 2024 (refresher) • National Environmental Policy Act (NEPA) and Transportation Decision Making On this project Mr. Fryer meets Minimum Personnel Requirement No. 9.			
04/95 – 03/00	State Project No. 043-01-0017: Dugdemona River and Relief Bridges, Jackson Parish - Mr. Fryer prepared preliminary and final roadway plans. This project consisted of the construction of two voided slab span bridges (main bridge and relief structure) and roadway approaches on new alignment.			
11/95 – 06/00	State Project No. 172-01-0011: Bayou DeGlaise Bridge, Morehouse Parish - Mr. Fryer prepared preliminary and final roadway and final roadway plans. This project consisted of the construction of a slab span bridge and roadway approaches on new alignment.			
01/97 – 10/99	State Project No. 026-05-0017: LA 15 (Sicily Island – Jct. LA 913), Catahoula Parish - Mr. Fryer was responsible for preparation of preliminary and final roadway and bridge plans. This project consisted of widening a 4.5-mile segment of LA 15 to four lanes as part of the LA TIMED Program.			
01/04 – 05/07	State Project No. 700-30-0061: US 167, Lillie to Arkansas State Line, Union Parish - Mr. Fryer served as project manager, roadway designer, and surveyor responsible for development of final roadway plans, and right-of-way maps. This project consisted of the conversion of a 7.2-mile section of a rural two-lane arterial route to a four-lane divided arterial route under the LA TIMED Program.			
10/07 – 04/16	State Project No. H.002622: Arkansas Road (LA 616), Ouachita Parish - Mr. Fryer served as project manager, was responsible for QA-QC of the plans, and was surveyor in charge of right-of-way maps. This project consisted of widening a 3.2-mile portion of LA 616 from a two-lane section to a five-lane urban roadway, and included four multi-lane roundabouts.			
07/10 – 05/18	State Project No. H.003854: Bossier North-South Corridor Roadway and Bridges (I-220/Swan Lake Road Interchange to Crouch Road), Bossier Parish - Mr. Fryer served as project manager, was responsible for QA-QC of the plans, and was the surveyor in charge of right-of-way maps. This project consisted of reconstruction and realignment of a 3.7-mile section of Swan Lake Road and construction of a new 4.2-mile roadway			

	connecting Swan Lake Road and Crouch Road. The southern portion of the project contains an urban three-lane section, while the northern segment is a rural, two-lane roadway. There are three bridge sites on this project.
02/18 - Present	State Project No. H.007300: Kansas Lane – Garrett Road Connector and I-20 Improvements, Ouachita Parish - Mr. Fryer serves as project manager, is responsible for QA-QC of the roadway plans, and prepared right-of-way maps for the widening of a section of Garrett Road crossing I-20 and connecting to Kansas Lane north of Millhaven Road and the KCS Railroad track to a four-lane arterial route. This project includes the design of five-multi lane roundabouts as well as interstate highway ramp improvements and frontage road realignments and improvements. Final plans for this project are currently 98% complete.
05/08 – 05/12	State Project No. H.004780.5 – Kansas Lane Connector (Route US 80 to Route US 165) City of Monroe Urban systems, Ouachita Parish - Mr. Fryer served as project manager and surveyor responsible for conducting property surveys, and developing right-of-way maps as a sub-consultant to Denmon Engineering Co., Inc. This project involves construction of a four-lane urban arterial route around the University of Louisiana at Monroe connecting US 80 on the south end and US 165 on the northern end.
11/10 – 05/13	Project Surveyor for Contract No. 4400000685: Retainer Contract for Professional Surveying Services - Statewide - This retainer contract authorized 23 task orders for topographic surveys, property surveys and ROW maps over a 3-year period. Mr. Fryer served as the Project Manager and performed QA/QC for this contract.
03/08 – 04/11	Project Surveyor on Contract No. 4400000638: Retainer Contract for Professional Surveying Services – Statewide - This retainer contract authorized 15 task orders for topographic surveys, property surveys and ROW maps over a 3-year period. Mr. Fryer served as the Project Manager and performed QA/QC for this contract.
11/11 – 01/15	Project Surveyor on Contract No. 4400001328: Retainer Contract For Professional Surveying Services – Statewide - This retainer contract authorized 25 task orders for topographic surveys, property surveys and ROW maps over a 3-year period. Mr. Fryer served as the Project Manager and performed QA/QC for this contract.
03/18 – 03/23	Project Surveyor on Contract No. 4400012667: Retainer Contract For Professional Surveying Services – Statewide - This retainer contract authorized 25 task orders for topographic surveys, property surveys and ROW maps over a 5-year period. Mr. Fryer served as the Project Manager and performed QA/QC for this contract.
08/22 – present	US 165 Turn Lanes at Scott Drive, Ouachita Parish - Mr. Fryer provided a QA-QC review of the roadway plans and contract documents for this project, which consisted of adding a left and right turn lane on US 165 and traffic signal modifications at Scott Drive in Sterlington, Louisiana. This project was funded by LDOTD through Ouachita Parish School Board.
08/23 – present	State Contract No. 4400025025, District 05: IIJA Off-System Bridge Replacement Program - Mr. Fryer is providing QA-QC reviews of the various plan submittals for ten (10) off-system bridge projects in LDOTD District 05 under this contract. Mr. Fryer is responsible for performing the property surveys and preparing the Right-of-Way Maps for this contract. The projects included in this contract are as follows: • State Project No. H.015337 – Mineral Springs Road Over Clark Creek, Ouachita Parish • State Project No. H.015453 – Hale Road Over Alligator Bayou, West Carroll Parish • State Project No. H.015454 – Keppler Creek Road Over Sugar Creek, Jackson Parish • State Project No. H.015455 – Spring Creek Road Over Wafer Creek, Lincoln Parish • State Project No. H.015456 – Hodge Road Over Cypress Bayou, Madison Parish • State Project No. H.015459 – Lapine Road Over Rogers Creek, Ouachita Parish • State Project No. H.015460 – Little Road Over Creek, Rapides Parish • State Project No. H.015461 – Fire Tower Road Over Rock Creek, Union Parish • State Project No. H.015462 – Pilgrims Rest Church Road Over Steep Bank Creek, Union Parish • State Project No. H.015463 – White Oak Landing Over Edmonds Creek, Union Parish Most of these projects have reached the final preliminary plan stage and are awaiting environmental clearance.

16. Staff Experience:			
Firm employed by Lazenby & Associates, Inc.			
Name	James S. Ellingburg, P.E., L.S.I.		Years of experience with this firm/employer
Title	Project Engineer		Years of experience with other firm(s)/employer(s)
Degree(s) / Years / Specialization		BS / 2008 / Civil Engineering	
Active registration number / state / expiration date		P.E. 0037236 / Louisiana / 09/30/2026 L.S.I. 0000814 / Louisiana / 03/31/2026	
Year registered	2012	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Topographic Survey, Exist. Drainage Maps	
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. Ellingburg has over 16 years of experience in developing roadway plans on both LDOTD and local roadway projects. Mr. Ellingburg is familiar with the LDOTD Roadway Design Procedure and Details Manual and the LDOTD Hydraulics Manual, as well as AASHTO design standards for roadway design. Mr. Ellingburg has assisted in hydraulic analysis and design, as well as roadway design and preparation of roadway plans, on a variety of roadway projects. He has also assisted with the processing of topographic survey data on multiple projects. Mr. Ellingburg has successfully completed the following continuing education classes, workshops, and seminars: • LA Specific Traffic Control Technician Course, 2024 (refresher) • LA Specific Traffic Control Supervisor Course, 2024 (refresher) • Designing Streets for Pedestrians and Bicyclists Workshop, 2016 • Highway Safety Manual Workshop, 2016 • Roundabout Design Workshop, 2013 • Traffic Engineering Analysis Process & Report Class Module 1, 2 & 3, 2021 • One-Dimensional Modeling of River Encroachments with HEC-RAS Class, 2022		
05/08 – 06/15	State Project No. H.002622: Arkansas Road (LA 616), Ouachita Parish - Mr. Ellingburg initially served as an engineering technician, checking the topographic survey in the field for accuracy. Mr. Ellingburg then served as a project staff engineer, assisting the project engineer with development of existing drainage maps, drainage design maps, utility adjustments, and developing roadway plans. Mr. Ellingburg also assisted with roundabout designs, and sequence of construction in both Preliminary and Final plan development. This project consisted of widening a 3.2-mile portion of LA 616 from a two-lane section to a five-lane urban roadway, and included four multi-lane roundabouts that required extensive geometric design and graphical grade development in order to meet AASHTO and LDOTD standards and requirements for safety. Once the project was let for construction, Mr. Ellingburg provided construction support on an as-needed basis by answering field questions from the contractor or LDOTD.		

12/10 – 10/12	State Project No. H.003854: Bossier North-South Corridor Roadway and Bridges (I-220/Swan Lake Road Interchange to Crouch Road), Bossier Parish - Mr. Ellingburg served as a project staff engineer, working on development of existing drainage maps, design drainage maps, roadway drainage plans, and assisting with roadway and bridge design and plan development for both Preliminary and Final plans. This project consisted of reconstruction and realignment of a 3.7-mile section of Swan Lake Road and construction of a new 4.2 mile roadway connecting Swan Lake Road and Crouch Road. The southern portion of the project contains an urban three-lane section, while the northern segment is a rural, two-lane roadway. There are three bridge sites on the project.
11/11 – 01/12	State Project No. H.004684: El Camino East/West Corridor, Route LA 6, Natchitoches Parish - Mr. Ellingburg served as a project staff engineer, developing existing drainage maps for a LDOTD Topographic Survey.
09/17 – Present	State Project Nos. H.004774 & H.007300: Kansas Lane – Garrett Road Connector and I-20 Improvements, Ouachita Parish - Mr. Ellingburg served as a project staff engineer, assisting with generating topographic survey deliverables, developing existing drainage maps for the topographic survey portion of the project. During the design and plan preparation portion of the project, Mr. Ellingburg has performed drainage design, developed design drainage maps, and assisted with design of five multi-lane roundabouts, developing graphical grades and assisting with geometric design and sequence of construction. This urban project includes five multilane roundabouts and interstate ramp modifications that required extensive geometrics and graphical grades in order to meet AASHTO and LDOTD standards and requirements for safety. The final plans are currently 98% complete.
01/17 – Present	Ouachita Parish Police Jury Road Program - Mr. Ellingburg is an integral team member of the Ouachita Parish Police Jury Road Program. His duties consist of evaluating parish roadways and developing pavement preservation construction plans, including processing the topographic surveys, to preserve and extend the life of Ouachita Parish roadways, some of which are designed and constructed under the LDOTD Urban Systems program. Mr. Ellingburg has also served as project engineer during construction, ensuring that the projects are built in accordance with the plans and specifications. Some of the Ouachita Parish Urban System projects that Mr. Ellingburg has provided professional services, including serving as the project engineer during construction, include the following: - State Project No. H.011747 – Edwards Road (Reconstruction) - State Project No. H.013796 – Tanglewood Drive (Reconstruction) - State Project No. H.013802 – Garrett Road (Mill, Patch and Overlay) - State Project No. H.013803 – Richwood Road No. 2 (Mill, Patch and Overlay) - State Project No. H.013804 – Wall Williams Road (Mill, Patch and Overlay and includes a segment of Reconstruction) - State Project No. H.013805 – Finks Hide-A-Way Road (Mill, Patch and Overlay and includes a segment of Reconstruction)
11/22 – Present	State Project No. H.007289: Kansas Ln Ext (Old Sterl.-US165) Phase 1, Ouachita Parish - Mr. Ellingburg is serving as the project engineer during construction of this project, ensuring that the project is built in accordance with the plans and specifications, coordinating testing to ensure compliance with LDOTD Material Sampling Manual, and coordinating construction activities with utility companies and railroad personnel to keep the project on schedule.

16. Staff Experience:			
Firm employed by Lazenby & Associates, Inc.			
Name	Randy C. Hammons, P.E.		Years of experience with this firm/employer
Title	Senior Vice-President		23
Degree(s) / Years / Specialization		B.S. / 1993 / Civil Engineering	
Active registration number / state / expiration date		P.E. 0029504 / Louisiana / 09/30/2027	
Year registered	2001	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Topographic Survey	
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. Hammons has more than 25 years of experience in planning and designing highways and bridges on transportation projects in Louisiana, Arkansas, Mississippi, and Tennessee. Mr. Hammons has approximately 16 years of experience supervising and processing topographic survey data, including establishing survey control, calculating existing alignments, creating digital terrain models (DTM’s), and developing existing drainage maps for LDOTD projects. Mr. Hammons has successfully completed the following continuing education classes, workshops, and seminars: • LA Specific Traffic Control Technician Course, 2024 (refresher) • LA Specific Traffic Control Supervisor Course, 2024 (refresher)		
01/17 – 01/20	Project Engineer processing topographic survey field data and developing topographic survey maps and images for State Contract No. 4400009384: Retainer Contract for Professional Surveying Services – Statewide. This retainer contract contained six task orders to perform topographic surveys for various projects at a cost of \$989,478 over a 3-year time frame. Some of the task orders for Topographic Surveys were as follows: State Project No. H.003370.5 – I-220/I-20 Interchange and BAFB Access, Route I-220 & I-20 in Bossier Parish (04/2018 – 10/2018). Topographic survey of the proposed I-220/I-20 Interchange and BAFB Access roadway in Bossier Parish using GPS receivers, robotic total stations, SX-10 terrestrial scanner, and mobile lidar. State Project No. H.007300.5 & H004774.5 – Kansas Lane – Garrett Road Connector and I-20 Interchange in Ouachita Parish (3/2018 – 9/2018) Topographic Survey of the proposed Kansas Lane - Garrett Road Connector and I-20 Interchange using GPS receivers, robotic total stations and a SX-10 terrestrial scanner. State Project No. H.012036.5 – US 80: Boeuf River Bridge in Richland Parish (03/2019 – 6/2019). Topographic survey for a bridge replacement project at the US 80 crossing of the Boeuf River using GPS receivers, robotic total stations and a SX-10 terrestrial scanner.		
10/19 – 03/23	Project Engineer processing topographic survey field data and developing topographic survey maps and images for State Contract No. 4400015236: Retainer Contract for Professional Surveying Services – Statewide. This retainer contract has contained fifteen task orders to perform topographic surveys for various projects at a cost of \$1,825,144 over a 5-year time frame. Some of the task orders for Topographic Surveys were as follows:		

	State Project No. H.012030 – US 371: KCS RR Overpass HBI, Route LA 159 and US 371 in Webster Parish (10/2020-04/2021). Topographic survey of two bridge replacements over KCS RR using GPS receivers, robotic total stations and SX-10 terrestrial scanner to locate bridges. State Project No. H.012032.5 – LA 2: Bridges Near Mer Rouge, Route LA 2 in Morehouse and West Carroll Parishes (02/2021-04/2021). Topographic survey of two bridge replacement sites using GPS receivers, robotic total stations and SX-10 terrestrial scanner to locate bridges. State Project No. H.013832.5 – LA 6: Grand Ecore Bridge Deck Repair, Route LA 6 in Natchitoches Parish (04/2021-06/2021). Topographic survey of the existing deck, barrier rails & river pier top of cap elevations for the Grand Ecore Bridge across the Red River using GPS receivers, robotic total stations and SX-10 terrestrial scanner to locate complete bridge deck & barrier rails. State Project No. H.014554.5 – LA 3025: Coulee Mine Scour Repair, Route LA 3025 in Lafayette Parish (04/2021-07/2021). Topographic survey of a bridge located near the intersection of LA 3025 & West Bayou Parkway using GPS receivers, robotic total stations and SX-10 terrestrial scanner to locate bridge, roadway and intersection. State Project No. H.012541.5 – LA 594: Overpass I-20, Route LA 594 in Ouachita Parish (01/2022-06/2022). Topographic survey of a bridge replacement near the intersection of I-20 and LA 594 (Texas Ave) using GPS receivers, robotic total stations and SX-10 terrestrial scanner. Terrestrial mobile lidar used to locate 4,200 LF of I-20 mainline and two bridge decks over interstate. State Project No. H.014646.5 – I-20: US 165 – E. of Garrett Road, Route I-20 in Ouachita Parish (08/2021-01/2022). Topographic survey of a proposed 2.49 mi interstate widening near the intersection of Garrett Road and I-20 using GPS receivers, robotic total stations and SX-10 terrestrial scanner. Terrestrial mobile lidar was used to locate 7,130 LF of I-20 mainline.
01/20 – Present	Project Engineer processing topographic survey field data and developing topographic survey maps and images for State Contract No. 4400017710: Retainer Contract for Professional Surveying Services – Statewide. This retainer contract has contained one task order to perform topographic surveys at a cost of \$393,871 over a 5-year time frame. The task order for Topographic Surveys is as follows: State Project No. H.015052.5 – I-20 Widening & Improvements (Vancil to LA 34), Route I-20 in Ouachita Parish (05/2022-01/2023). Topographic survey of a proposed 3.94 mi interstate widening from Vancil Road to LA 34 along I-20 in West Monroe using GPS receivers, robotic total stations and SX-10 terrestrial scanner. Terrestrial mobile lidar was used to locate 20,815 LF of I-20 mainline.
11/24 – Present	State Project No. H.014054: I-69 Frtg. Rd. Conn (Ellerbe Rd to LA 1), Caddo Parish – Mr. Hammons is the Project Engineer responsible for processing the topographic survey field data for this project.

16. Staff Experience:			
Firm employed by Lazenby & Associates, Inc.			
Name	Blaine T. Holloway, E.I.		Years of experience with this firm/employer
Title	Engineer Intern		Years of experience with other firm(s)/employer(s)
Degree(s) / Years / Specialization		B.S. / 2023 / Civil Engineering	
Active registration number / state / expiration date		E.I. 0035474 / Louisiana / 09/30/2027	
Year registered	2023	Discipline	Civil Engineering (E.I.)
Contract role(s) / brief description of responsibilities		Topographic Survey, Exist. Drainage Maps	
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. Holloway has 2 years of experience in performing drainage design, hydraulic analysis, roadway design, and preparation of roadway and bridge plans on a variety of LDOTD and local roadway projects. Mr. Holloway is familiar with the LDOTD Roadway Design Procedure and Details Manual and the LDOTD Hydraulics Manual, as well as AASHTO design standards for roadway design. Mr. Holloway also assists in processing topographic survey, creating survey centerline alignments (ALG’s) using horizontal regression analysis, and developing digital terrain models (DTM’s). Mr. Holloway has successfully completed the following continuing education classes, workshops, and seminars: • Open Roads Designer I Course, 2024 • Traffic Engineering Analysis Process & Report Class, 2024 • ATSSA National Flagger Certification Training Course, 2024 • LA Specific Traffic Control Technician Course, 2024 • LA Specific Traffic Control Supervision Course, 2024		
06/22 – 09/22	State Project No. H.015052: I-20: I-20 Widening/Overlay (Vancil Rd to LA 34) Ouachita Parish - This project consisted of performing a complete topographic survey along I-20 from the Well Road Interchange to the LA 34 (Stella Mill St) Interchange in Ouachita Parish. It also included portions of Well Road, Downing Pines Road, Thomas Road, and LA 34 (Stella Mill St) for a total cumulative length of 25,625 ft (4.85 miles). Data was collected using GPS receivers, robotic total stations, SX-10 terrestrial scanners, and a terrestrial mobile LIDAR scanner. Mr. Holloway assisted in post processing the survey data and creating the existing drainage map.		
06/23 – 11/23	City of Monroe, City Street Improvements - Mr. Holloway has assisted with a variety of pavement preservation designs for the City of Monroe. His duties consist of developing pavement preservation roadway plans, including hydraulic design, quantity calculations, and construction cost estimates. Some of the City of Monroe projects on which Mr. Holloway has assisted include the following: Task Order No. 21-17-001 – Parkview Drive Improvements (Mill, Patch and Overlay) Task Order No. 21-17-003 – North 6th Street Improvements (Mill, Patch and Overlay)		
01/24 – 04/24	State Contract No. 4400017710, Task Order No. 2, State Project No. H.015640.5, LA 150 & LA 818: Roundabout Topographic Survey - Mr. Holloway assisted in post-processing topographic survey data, which included developing a digital terrain model (DTM) of the existing site, creating a surveyed centerline alignment via horizontal regression, and conducting a LA One Call and coordinating with utility companies to get their existing facilities incorporated into the topographic survey. Mr. Holloway also assisted in compiling the LDOTD submittal requirements for this survey.		

06/22 – Present	State Project No. H.007300: Kansas Lane – Garrett Road Connector and I-20 Improvements, Ouachita Parish - Mr. Holloway has assisted with quantity calculations during final plan development, as well as assisting with preparation of a construction cost estimate. This urban project includes five multilane roundabouts and interstate ramp modifications. The final plans are currently 98% complete.
10/23 – Present	State Contract No. 4400025025, District 05: IJA Off-System Bridge Replacement Program - Mr. Holloway assisted in the development of preliminary roadway and bridge plans and hydraulic analyses/reports for ten (10) state projects under this contract. Some of Mr. Holloway's duties included conducting hydraulic analyses utilizing HEC-RAS 1D modeling, preparing hydraulic reports in accordance with LDOTD's Hydraulics Manual, assisting in the development of roadway and bridge plans, calculating of quantities, and developing construction cost estimates. Mr. Holloway also assisted in the development of topographic surveys for several of the projects under this contract. His duties for this portion of the project included post processing of survey data, development of digital terrain models (DTM) of the existing sites, creating surveyed centerline alignments via horizontal regression, and utility coordination. The State Projects on which Mr. Holloway has assisted include the following: State Project No. H.015337 – Mineral Springs Road Over Clark Creek State Project No. H.015453 – Hale Road Over Alligator Bayou State Project No. H.015454 – Keppler Creek Road Over Sugar Creek State Project No. H.015455 – Spring Creek Road Over Wafer Creek State Project No. H.015456 – Hodge Road Over Cypress Bayou State Project No. H.015459 – Lapine Road Over Rogers Creek State Project No. H.015460 – Little Road Over Creek State Project No. H.015461 – Fire Tower Road Over Rock Creek State Project No. H.015462 – Pilgrims Rest Church Road Over Steep Bank Creek State Project No. H.015463 – White Oak Landing Over Edmonds Creek These projects are nearing the final plan stage, where Mr. Holloway will continue to assist in developing the preparation of final roadway and bridge plans.
7/24 - Present	State Project No. H.012047: LA 8: Big Creek Bridge - This project consists of the replacement of a 760' precast slab span bridge in Grant Parish. Mr. Holloway is assisting in the development of roadway plans, including developing a 3D model of the proposed roadway approaches. His duties also included performing a hydraulic bridge analysis utilizing HEC-RAS 1D modeling and preparing a hydraulic report in accordance with the LDOTD Hydraulics Manual. Mr. Holloway also assisted in the development of a supplemental topographic survey for this project which included combining additional survey data with the existing survey provided by LDOTD District 08, preparing existing drainage maps and conducting a utility update. The preliminary plans are currently 60% complete. This project is a portion of Contract No. 4400021877 which consists of the replacement of 11 bridges across District 08. Mr. Holloway will continue to assist in the roadway/bridge plan preparation, hydraulic analyses/reporting, and topographic survey for these sites.

16. Staff Experience:			
Firm employed by Lazenby & Associates, Inc.			
Name	Jerry G. Lazenby, P.E., P.L.S.		Years of experience with this firm/employer
Title	President		42
Degree(s) / Years / Specialization		B.S. / 1965 / Civil Engineering	
Active registration number / state / expiration date		P.L.S. 0002313/ Louisiana / 03/31/2026 P.E. 0012104 / Louisiana / 03/31/2026	
Year registered	1970 1970	Discipline	Professional Land Surveyor Professional Engineer (Civil and Environmental)
Contract role(s) / brief description of responsibilities		Principal-In-Charge, Project Supervisor and Contract Management, QA-QC	
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. Lazenby has over 50 years of experience in planning, surveying, designing, inspecting, and construction administration of transportation facilities. The first 9 years of Mr. Lazenby’s career were spend with the U.S. Bureau of Public Roads/Federal Highway Administration at various locations in the United States as a Highway Engineer reviewing and assisting state highway officials with transportation projects utilizing Federal-Aid transportation funding from project inception through construction. Mr. Lazenby has designed and supervised numerous projects for LDOTD over the past 42 years. He has been responsible for the firm’s growth as well as the reputation of the firm. He has instilled in each member of the firm to provide a professional product and to deliver on time. Mr. Lazenby has successfully completed the following continuing education classes, workshops, and seminars: • LA Specific Traffic Control Technician Course, 2024 (refresher) • LA Specific Traffic Control Supervisor Course, 2024 (refresher) • National Environmental Policy Act (NEPA) and Transportation Decision Making		
06/04 – 03/05 01/06 – 06/09	State Project No. 700-37-0102: US 165 (Jct. LA 841 – Rilla), Ouachita Parish - Mr. Lazenby was Principal-in-Charge of this project and performed QA-QC reviews of the plans. On this project Lazenby & Associates performed topographic surveys, property surveys, ROW maps, alignment studies, and prepared preliminary and final roadway plans on a 4.5-mile section of US 165 being widened and upgraded to a four-lane divided arterial route under the Louisiana TIMED Program.		
05/00 – 05/04	State Project No. 700-99-0237: Retainer Contract for Professional Surveying Services, Statewide - Mr. Lazenby was Principle-in-Charge responsible for 15 Task Orders to perform topographic surveys, property surveys, and develop ROW maps on various LDOTD projects in northern Louisiana.		
01/04 – 05/07	State Project No. 700-30-0061: US 167 (Lillie to Arkansas State Line), Union Parish - Mr. Lazenby was Principle-in-Charge on this project and performed QA-QC review of the plans. On this project, Lazenby & Associates developed final roadway plans, final bridge plans, and ROW maps on a 7-mile section of US 167 that was widened to a four-lane rural and urban arterial route under the Louisiana TIMED Program.		
07/10 – 12/13	State Project No. H.003854: Bossier North-South Corridor Roadway and Bridges (I-220/Swan Lake Road Interchange to Crouch Road), Bossier Parish - Mr. Lazenby was Principle-in-Charge and performed QA-QC reviews of the plans. On this project, Lazenby & Associates developed topographic surveys, property surveys, right-of-way maps, preliminary roadway and bridge plans and final roadway and bridge plans along a 7.8-mile corridor being developed as an Urban Systems Project by the Bossier Parish Police Jury.		

12/07 – 05/16	State Project No. H.002622: Arkansas Road (LA 616), Ouachita Parish - Mr. Lazenby was Principle-in-Charge, Project Manager, and performed QA-QC reviews of the plans. On this project, Lazenby & Associates performed topographic surveys, property surveys and developed right-of-way maps, preliminary roadway plans and final roadway plans for the widening of a 3.2-mile section of LA 616 from a two-lane rural roadway section to a five-lane urban roadway section including four multi-lane roundabouts. The project also included the hydraulic analysis of an existing timber bridge site in which the bridge was replaced with a reinforced concrete box culvert.
09/17 – Present	State Project No. H.007300: Kansas Lane – Garrett Road Connector and I-20 Improvements, Ouachita Parish - Mr. Lazenby is Principle-in-Charge. On this project, Lazenby & Associates performed topographic surveys, developed preliminary roadway plans, and is currently developing final roadway plans for the widening of a section of Garrett Road to a four-lane arterial route with five multi-lane roundabouts. The project includes ramp modifications of the I-20/Garrett Road interchange, five (5) multilane roundabouts, a new overpass structure over I-20, a new overpass structure over Millhaven Road (LA 594) and the adjacent KCS railroad tracks, lighting, and traffic signal work. The project also includes design and development of subsurface drainage plans to improve drainage within the project area. Final plans are currently 98% complete.
10/14 – 06/17	State Contract No. 4400004541: Retainer Contract for Professional Surveying Services – Statewide - Mr. Lazenby was Principle-in-Charge responsible for 8 Task Orders to perform topographic surveys on various LDOTD projects in Louisiana.
01/17 – 01/20	State Contract No. 4400009384: Retainer Contract for Professional Surveying Services – Statewide - Mr. Lazenby was Principle-in-Charge responsible for 6 Task Orders to perform topographic surveys on various LDOTD projects in Louisiana.
10/19 – 02/24	State Contract No. 4400015236: Retainer Contract for Professional Surveying Services – Statewide - Mr. Lazenby was Principle-in-Charge responsible for 15 Task Orders to perform topographic surveys on various LDOTD projects in Louisiana.
10/20 – Present	State Contract No. 4400017710: Retainer Contract for Professional Surveying Services – Statewide - Mr. Lazenby is Principle-in-Charge responsible for this contract, which thus far has contained 2 Task Order to perform a topographic survey on S.P.N. H.015052.5: I-20 Widening & Improvements (Vancil to LA 34) in Ouachita Parish and a topographic survey on S.P.N. H.015640.5: LA 150 – LA 818 Roundabout in Lincoln Parish.
08/23 – Present	State Contract No. 4400025025, District 05: I/JA Off-System Bridge Replacement Program - Mr. Lazenby is Principle-in-Charge responsible for the replacement of structurally deficient bridge structures for 10 off-system bridge projects in LDOTD District 05 under this contract. He is also providing QA/QC reviews of the roadway and bridge plans. The projects included in this contract are as follows: State Project No. H.015337 – Mineral Springs Road Over Clark Creek, Ouachita Parish State Project No. H.015453 – Hale Road Over Alligator Bayou, West Carroll Parish State Project No. H.015454 – Keppler Creek Road Over Sugar Creek, Jackson Parish State Project No. H.015455 – Spring Creek Road Over Wafer Creek, Lincoln Parish State Project No. H.015456 – Hodge Road Over Cypress Bayou, Madison Parish State Project No. H.015459 – Lapine Road Over Rogers Creek, Ouachita Parish State Project No. H.015460 – Little Road Over Creek, Richland Parish State Project No. H.015461 – Fire Tower Road Over Rock Creek, Union Parish State Project No. H.015462 – Pilgrims Rest Church Road Over Steep Bank Creek, Union Parish State Project No. H.015463 – White Oak Landing Over Edmonds Creek, Union Parish Most of these projects have reached the final preliminary plan stage and are awaiting environmental clearance.

16. Staff Experience:

Firm employed by Lazenby & Associates, Inc.			
Name	Noah J. Sampognaro, P.E., L.S.I.		Years of relevant experience with this employer
Title	Project Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		B.S. / 2020 / Civil Engineering	
Active registration number / state / expiration date		P.E. 0049838 / Louisiana / 09/30/2027 L.S.I.0000808 / Louisiana / 03/31/2026	
Year registered	2025 2026	Discipline	P.E. - Civil Engineering L.S.I.
Contract role(s) / brief description of responsibilities		Topographic Survey, Exist. Drainage Maps	
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. Sampognaro has 4 years of experience in performing drainage design, hydraulic analysis, roadway design, and preparation of roadway plans on a variety of LDOTD and local roadway projects. Mr. Sampognaro passed his P.E. Civil Transportation exam in October 2022 and is currently enrolled in the University of Wyoming Cadastral Surveying Certificate Program. Mr. Sampognaro is familiar with the LDOTD Roadway Design Procedure and Details Manual and the LDOTD Hydraulics Manual, as well as AASHTO design standards for roadway design. Mr. Sampognaro also assists in processing topographic survey and mobile LIDAR data, creating survey centerline alignments (ALG’s) using horizontal regression analysis, developing digital terrain models (DTM’s), and producing existing drainage maps for LDOTD topographic surveys. Mr. Sampognaro has successfully completed the following continuing education classes, workshops, and seminars: • TOPO Dot User Conference, 2022 • One-Dimensional Modeling of River Encroachments with HEC-RAS Class, 2022 • LA Specific Traffic Control Technician Course, 2022 • LA Specific Traffic Control Supervision Course, 2022		
08/21 – 11/22	North Frontage Road – Phase 2, Ouachita Parish - Mr. Sampognaro assisted in the development of roadway plans, including processing topographic survey data, performing drainage design calculations and developing existing and design drainage maps. Mr. Sampognaro also assisted with quantity calculations and preparation of a construction cost estimate. This project, which was prepared for the City of Monroe I-20 Economic Development District, consists of a 0.6-mile frontage road on new alignment north of Interstate 20, east of Garrett Road, in Monroe, Louisiana. Mr. Sampognaro also assisted in construction support activities, including, but not limited to, site visits to address contractor RFI’s, assisting in processing pay estimates and change orders, and assisting with the final inspection and preparation of a punch list.		
01/21 – 06/22	State Contract No. 4400015236: Retainer Contract for Professional Surveying Services – Statewide - This retainer contract consisted of fifteen task orders to perform topographic surveys for various projects across Louisiana. Mr. Sampognaro assisted in post-processing topographic survey data which was collected with the use of GPS receivers, robotic total stations, and SX-10 terrestrial scanners, as well as using TOPO Dot software to extract data collected with a terrestrial mobile lidar scanner. His duties also included creating survey centerline alignments (ALG’s) and associated reports using horizontal regression analysis, developing existing digital terrain models (DTMs), and producing existing drainage maps.		

	Some of the task orders on which Mr. Sampognaro has assisted include the following: State Project No. H.011706.5 – BNSF Several RR Xings (Baldwin) in St. Mary Parish (01/2021-08/2021) State Project No. H.012032.5 – LA 2: Bridges Near Mer Rouge, Route LA 2 in Morehouse and West Carroll Parishes (02/2021-04/2021) State Project No. H.008220.5 – LA 406 @ F.E. Hebert Roundabout, Route LA 406 in Plaquemines Parish (03/2021-07/2021) State Project No. H.012541.5 – LA 594: Overpass I-20, Route 594 in Ouachita Parish (01/2022-06/2022) State Project No. H.014646.5 – I-20: US 165 – E. of Garrett Road, Route I-20 in Ouachita Parish (08/2021-01/2022)
01/22 – 1/23	State Project No. H.015052: I-20: I-20 Widening/Overlay (Vancil Rd to LA 34), Ouachita Parish - This project consisted of performing a complete topographic survey along I-20 from the Well Road Interchange to the LA 34 (Stella Mill St) Interchange in Ouachita Parish. It also included portions of Well Road, Downing Pines Road, Thomas Road, and LA 34 (Stella Mill St) for a total cumulative length of 25,625 ft (4.85 miles). Data was collected using GPS receivers, robotic total stations, SX-10 terrestrial scanners, and a terrestrial mobile LIDAR scanner. Mr. Sampognaro assisted in post processing the survey data, extracting mobile LIDAR data using TOPO Dot software, and creating the existing drainage map. He also assisted in quality control measures by comparing field data collected by the survey crew to LDOTD as-built drawings.
01/21 – Present	State Project No. H.007300: Kansas Lane – Garrett Road Connector and I-20 Improvements, Ouachita Parish - Mr. Sampognaro has assisted with quantity calculations during final plan development, as well as assisting with preparation of a construction cost estimate. This urban project includes five multilane roundabouts and interstate ramp modifications. The final plans are currently 98% complete.
01/21 – Present	Ouachita Parish Police Jury Road Program - Mr. Sampognaro has assisted with the Ouachita Parish Police Jury Road Program. His duties consist of developing pavement preservation roadway plans, including processing topographic survey data, design of cross drain structures, superelevation correction calculations, and quantity calculations, to preserve and extend the life of Ouachita Parish roadways, some of which are constructed under the DOTD Urban Systems program. Some of the Ouachita Parish Urban Systems projects on which Mr. Sampognaro has assisted include the following: State Project No. H.013805 – Finks Hide-A-Way Road (Mill, Patch and Overlay and includes a segment of Reconstruction) State Project No. H.014397 – Rowland Road (Mill, Patch and Overlay) State Project No. H.014398 – Caples Road (Mill, Patch and Overlay)
06/21 - Present	City of Monroe, City Street Improvements - Mr. Sampognaro has assisted with City of Monroe roadways designed under the LDOTD Urban Systems program. His duties consist of developing pavement preservation roadway plans, including processing topographic survey data, hydraulic design, quantity calculations, and construction cost estimates. Some of the City of Monroe Urban Systems projects on which Mr. Sampognaro has assisted include the following: State Project No. H.014347 – South Grand Street (Mill, Patch and Overlay) State Project No. H.014348 – Lee Avenue (Mill, Patch and Overlay) Mr. Sampognaro is currently assisting with construction support activities by field marking and verifying required areas of pavement patching.
08/22 – 12/24	US 165 Turn Lanes at Scott Drive, Ouachita Parish - Mr. Sampognaro assisted in the development of roadway plans and processing the topographic survey data, including creating the existing digital terrain model (DTM), existing drainage map, drainage design, and quantity calculations. This project, which was prepared for the Ouachita Parish School board, consisted of adding a left and right turn lane on US 165 and traffic signal modifications at Scott Drive in Sterlington Louisiana.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	Chris Ballard, PLS		Years of relevant experience with this employer	9	
Title	Survey Manager		Years of relevant experience with other employer(s)	19	
Degree(s) / Years / Specialization			BS / 2004 / Biological Science / Southeastern LA University		
Active registration number / state / expiration date			5033 / Louisiana / 09/30/ 2026		
Year registered	2010	Discipline	Land Surveyor		
Contract role(s) / brief description of responsibilities			Mr. Ballard serves as the Survey Manager for this project. He will work to oversee the project stays on schedule, aid in both crew coordination and office production, and provide final QC on the firm's deliverable to the Prime Consultant. Mr. Ballard has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning. Mr. Ballard fulfills MPR No. 9 for this contract.		
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
12/23 – 05/23		H.012618 LA 347 Drainage Improvements: Mr. Ballard is the Survey Manager for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
02/23 – 12/23		H.012027.5 - I-20 UPPR: Mr. Ballard is the Survey Manager for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.			
09/18-01/20		H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: Mr. Ballard is the Survey Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500’ for control verification and incorporation of the Mobile Lidar for the I-10 pavement.			
04/17-07/17		H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA: Mr. Ballard is the Survey Manager for this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.			
02/19-09/19		Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA: Mr. Ballard is the Survey Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA’s policies and procedures.			

01/17-12/17	East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA: In 2017, CD&C performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.
10/16-11/16	H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA: Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks.
09/17-09/17	H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA: Mr. Ballard is the Survey Manager for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D Terrestrial Scanning.
10/15 - 12/18	H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA: Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.

16. Staff Experience:			
Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Karla E. Weston, PE	Years of relevant experience with this employer	20
Title	President	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		Bachelor of Science / 1999 / Civil Engineering	
Active registration number / state / expiration date		31010 / Louisiana / 03/31/2026	
Year registered	2004	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Mrs. Weston's 25 years of experience with LADOTD and other municipal entities on transportation projects provides her the knowledge and ability to oversee the firm's role as a sub-consultant and ensure the work is completed to LADOTD standards.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/16-09/19	H.003047 Pecue Lane/I-10 Interchange, Baton Rouge, LA: Mrs. Weston's served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design services of the West Bound on Ramp to I-10, the West Bound Off Ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.		
12/13 – 10/19	H.02960 Gramercy Bridge, St. James Parish, LA: Mrs. Weston served as Principal-in-Charge for the firm's role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project		
02/14 - 02/15	H.010620 I-49 Design Build, Lafayette, LA: Mrs. Weston provided QA/QC review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Corridor.		
05/13 – 05/14	H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish, LA: Mrs. Weston served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design and coordination with prime consultant team.		
01/06 – 12/12	EBR City/parish Project No. 06-CS-HC-0018, Fairchild-Badley Roadway, EBR Parish, LA: Mrs. Weston served as Principal in Charge for this project that was approx. 1.25 miles in length along Fairchild-Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the upgrade to the existing narrow roadway to a typical section of 2-11' lands with a 2' barrier curb and gutter, and a 6' adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of the project as well.		
03/12 – 07/12	H.009104.5 - Sunshine Bridge Phase 2: Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.		
05/11 – 04/12	Red River – Jackson Street Bridge, Alexandria, LA: Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project. CD&C provided the Traffic Control design plans including detour maps of local road network for the replacement of the Jackson Street Bridge over the Red River.		



06/12 – 10/12	H.009986 – Paths 2 Progress. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 33: Ms. Weston served as the Principal-in-charge/Project Manager for this roadway rehabilitation project of roads in Jefferson Parish. This included field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
12/11 – 4/12	H.005902.5 - Consulting Services for the Permanent Repair to Federal Aid Eligible Roads as a Result of Damage due to Hurricane Katrina in 2005. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 29: Ms. Weston served as the Principal-in-charge/Project Manager for this project which included survey, field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.

16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	Madison Mills, PLS		Years of relevant experience with this employer		4
Title	Survey Project Manager		Years of relevant experience with other employer(s)		4
Degree(s) / Years / Specialization			BS / 2016 / Civil Engineering		
Active registration number / state / expiration date			5293 / Louisiana / 03/31/2027		
Year registered	2022	Discipline	Land Surveyor		
Contract role(s) / brief description of responsibilities			Mr. Mills joined CD&C in 2021 as a Land Surveying Intern and has recently been licensed as a Professional Land Surveyor. He serves as a Survey Technician and assistant PM for CD&C working to manage field crews, process field crew data, and finalize deliverables.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
12/24 – 04/25	H.014824.5 LA 317 - Wax Lake B: Mr. Mills served as the Survey Project Manager on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.				
10/24 – 01/25	H.015849 US 190 R Cuts @ LA741: Mr. Mills served as the Survey Project Manager on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.				
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.				
09/23 – 12/23	H.015619.5 LA 106: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.				
05/23 – 08/23	H.015056 - LA 685: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.				
05/23 – 08/23	H.015058 - LA 14 Business: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.				
02/23 – 12/23	H.012027.5 I-20 UPPR: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.				
08/22 – 02/23	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3: Mr. Mills served as working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.				

01/22 – 11/22	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2: Mr. Mills served as working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.
09/21 – 03/22	H.014747 Southern University Ravine Protection, East Baton Rouge Parish: Mr. Mills served as a Survey Technician for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning.
08/21 – 08/22	H.011833.5 St. Mary Street Sidewalks; Scott, LA: Mr. Mills served as a Survey Tech for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.

16. Staff Experience:				
Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Chancey Cothren, LSI		Years of relevant experience with this employer	1
Title	Land Survey Intern		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			BS / 2023 / Geomatics	
Active registration number / state / expiration date			776 / Louisiana / 03/31/2026	
Year registered	2023	Discipline	Land Surveying Intern	
Contract role(s) / brief description of responsibilities			Mr. Cothren is a Land Surveying Intern. He will help manage field crews, process field crew data, and finalize deliverables	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
12/24 – 04/25	H.014824.5 LA 317 - Wax Lake B: Mr. Cothren served as a Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
10/24 – 01/25	H.015849 US 190 R Cuts @ LA741: Mr. Cothren served as a Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
6/23 – 8/23	LA-22: Mr. Cothren was on the survey crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.			
8/23 – 10/23	I-10 / LA-44: Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along I-10 and two miles along LA – 44. Data was collected using lidar and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.			
11/23 – 12/23	Gause Blvd / EI-10 Service Road: Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along EI-10 Service Rd. This project was completed using GPS and Total Staton. Project was completed to LADOTD Location and Survey Standards and practices.			
8/22-9/22	USACE: Mississippi river hydrographic survey: Mr. Cothren was on the survey crew that performed hydrographic surveys to locate any submerged obstructions in portions of the river. This project was completed using magnetometers and USV’s.			
8/23	USACE: Mississippi river revetment restoration: Mr. Cothren was on the survey crew that performed the surveys needed to locate how much dirt needed to be removed when shaping the levee for the placement of the new revetments. This Project was completed to Louisiana Survey Standards and practices.			
6/23 – 8/23	LA-22: Mr. Cothren was on the survey crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.			
8/23 – 10/23	I-10 / LA-44: Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along I-10 and two miles along LA – 44. Data was collected using lidar and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.			





11/23 – 12/23	Gause Blvd / EI-10 Service Road: Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along EI-10 Service Rd. This project was completed using GPS and Total Station. Project was completed to LADOTD Location and Survey Standards and practices.
8/22 – 9/22	USACE: Mississippi river hydrographic survey: Mr. Cothren was on the survey crew that performed hydrographic surveys to locate any submerged obstructions in portions of the river. This project was completed using magnetometers and USV's.

16. Staff Experience:				
Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Scott Benton		Years of relevant experience with this employer	7
Title	Survey Project Manager		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization				
Active registration number / state / expiration date			ATSSA Traffic Control Supervisor, Technician & Flagger	
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Mr. Benton serves as a Survey Project Manager and Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
12/24 – 04/25	H.014824.5 LA 317 - Wax Lake B: Mr. Benton is the 3D Scanning Technician on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
10/24 – 01/25	H.015849 US 190 R Cuts @ LA741: Mr. Benton is the 3D Scanning Technician on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
05/23 – 08/23	H.015056 - LA 685: Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
05/23 – 08/23	H.015058 - LA 14 Business: Mr. Benton is the 3D Scanning Technician on this project Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
02/23 – 12/23	H.012027.5 - I-20 UPPR: Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.			
10/20 – 01/21	H014302 US 165 Lighting, Monroe, LA: Mr. Benton served as the firm’s lead 3D Scanning Technician on this lighting project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.			
12/19 – 01/2020	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: Mr. Benton served as a 3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			



03/14 – 06/14	H.008369 Cleo Road Roundabout, St. Tammany Parish, LA: Mr. Benton served as a Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.
05/13 – 07/13	H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA: Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
02/13 – 06/13	H.005693 LA 447, Walker, LA: Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. CD&C's responsibilities included all field work, utility coordination, review of existing survey data provided by LADOTD and all office work to produce the final product; this includes merging of supplied survey from LADOTD and survey by CD&C. CD&C also performed the tie-in of the new survey to the existing survey provided by LADOTD to produce an overall deliverable to be utilized in this design.

16. Staff Experience:			
Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Jacob Stoehr	Years of relevant experience with this employer	10
Title	Senior Survey Party Chief	Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		ATSSA Traffic Control Supervisor, Technician & Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/24 – 04/25	H.014824.5 LA 317 - Wax Lake B: Mr. Stoehr served as Senior Party Chief on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
10/24 – 01/25	H.015849 US 190 R Cuts @ LA741: Mr. Stoehr served as Senior Party Chief on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027 I 20: Union Pacific RR Overpass: Mr. Stoehr served as a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.		
09/21 – 03/22	H.014747 Southern University Ravine Protection, East Baton Rouge Parish: Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
07/20 – 04/21	H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish: Mr. Stoehr was a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.		
01/18-01/2020	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: Mr. Stoehr is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.		
07/17-12/2018	H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA: Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
08/16-01/2018	H.011235 I-49 Verot School Road, Lafayette, LA: Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
02/19 - 09/19	Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA: Mr. Stoehr served as a Jr. Party Chief on this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding		



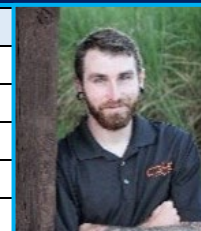
	and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation must be in accordance with FEMA's policies and procedures.
7/17 – 12/18	H.003184.5 I-10 Texas State Line East of Coone Gully: Mr. Stoehr served as an instrument man on this project by aiding the crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
02/23 – 12/23	H.012027 I 20: Union Pacific RR Overpass: Mr. Stoehr served as a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.

16. Staff Experience:			
Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Drennon Humphreys	Years of relevant experience with this employer	4
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		ATSSA Traffic Control Supervisor, Technician & Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Humphreys will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/24 – 04/25	H.014824.5 LA 317 - Wax Lake B: Mr. Humphreys served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
10/24 – 01/25	H.015849 US 190 R Cuts @ LA741: Mr. Humphreys served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015056 - LA 685: Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 - LA 14 Business: Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 - I-20 UPPR: Mr. Humphreys served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
08/22 – On-Going	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3: Mr. Humphreys is working as a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		



01/21 – 06/21	H.013959 Reeds Bridge Rd. Calcasieu River Relief, Allen Parish, LA: Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.
02/21 – 05/21	H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek, Allen Parish, LA: Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.
02/21 – 01/22	Move BR: Lee Drive – Highland Rd. to Perkins Rd., Baton Rouge, LA: Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 1.8 mile road improvement project as part of the Move BR infrastructure initiative.
04/21 – 12/21	Move BR: Hennessy Blvd. –Perkins Rd. to Picardy Ave., Baton Rouge, LA.: Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 0.4 mile road improvement project to create an underpass at the R/R crossing. This project is a part of the Move BR infrastructure initiative.
01/22 – 11/22	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2: Mr. Humphreys is working as a Instrument Man and now a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
01/22 – 05/22	H.013956 Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA: Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.

16. Staff Experience:			
Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Alex Wells	Years of relevant experience with this employer	5
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		ATSSA Traffic Control Supervisor, Technician & Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/24 – 04/25	H.014824.5 LA 317 - Wax Lake B: Mr. Wells served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
10/24 – 01/25	H.015849 US 190 R Cuts @ LA741: Mr. Wells served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 - LA 14 Business: Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 - I-20 UPRR: Mr. Wells served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
09/21 – 03/22	H.014747 Southern University Ravine Protection, East Baton Rouge Parish: Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
08/21 – On-Going	H.011833.5 St. Mary Street Sidewalks; Scott, LA: Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
09/22 – 01/23	BRMA Northwest Aviation Development: Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		



07/20 – 10/21	H.013989 Greybow Rd. Palmetto Creek: Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
07/20 – 04/21	H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish: Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
02/21 – 05/21	H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA: Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
10/20 – 01/21	H014302 US 165 Lighting, Monroe, LA: Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.

16. Staff Experience:			
Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Hunter Smith	Years of relevant experience with this employer	3
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		ATSSA Traffic Control Supervisor, Technician & Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Smith joined CD&C in 2022 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/24 – 04/25	H.014824.5 LA 317 - Wax Lake B: Mr. Smith served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
10/24 – 01/25	H.015849 US 190 R Cuts @ LA741: Mr. Smith served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015056 - LA 685: Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 - LA 14 Business: Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
09/21 – 03/22	H.014747 Southern University Ravine Protection, East Baton Rouge Parish: Mr. Smith served as an Instrument Man for this project. He helped in collecting of topographic data in the field utilizing LADOTD Field Codes.		
08/22 – On-Going	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3: Mr. Smith served as an Instrument Man for this project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		
01/22-11/22	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2: Mr. Smith served as an Instrument Man for this project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		



02/23 – 12/23	H.012027.5 - I-20 UPPR: Mr. Smith served as an Instrument Man for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
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16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	Clarence J. Goodspeed		Years of relevant experience with this employer		3
Title	SUE Manager		Years of relevant experience with other employer(s)		30
Degree(s) / Years / Specialization					
Active registration number / state / expiration date			ATSSA Traffic Control Supervisor, Technician & Flagger		
Year registered		Discipline			
Contract role(s) / brief description of responsibilities			Mr. Goodspeed has 30 years' experience in underground utilities. Mr. Goodspeed has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C Sue department.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
12/24 – 04/25	H.014824.5 LA 317 - Wax Lake B: Mr. Goodspeed performed utility coordination for this project. CD&C was a sub-consultant and was responsible for a complete topographic survey as well as an existing drainage map. The topographic survey of all utilities included depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits.				
10/24 – 01/25	H.015849 US 190 R Cuts @ LA741: Mr. Goodspeed performed utility coordination for this project. CD&C was a sub-consultant and was responsible for a complete topographic survey as well as an existing drainage map. The topographic survey of all utilities included depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits.				
03/23 – 12/23	MSY Campus Wide Sewer Location: Mr. Goodspeed serves as the firms SUE PM for the project. CD&C is performing a combination of both a QL-B and QL-A for the Louis Armstrong Airport campus to locate it’s sanitary sewer lines. This project encompasses the entire campus. All sewer manholes and gravity lines as well as sewer forcemains are to be located. Verification of pipe size and material is also required. CD&C is providing all SUE appropriate reports and data for this project.				
01/24 – 03/24	RN Nuccio Rd SUE: Mr. Goodspeed served as SUE Manager for the firm’s SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.				
04/24 – 05/24	BRMA FAA Boring: Mr. Goodspeed served as SUE Manager for the firm’s SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.				
03/24 – 08/24	MSY East Apron Expansion: Mr. Goodspeed served as SUE Manager for the firm’s SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over 7 acres. CD&C’s SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.				
03/24 – 05/24	MSY Employee Parking: Mr. Goodspeed served as SUE Manager for the firm’s SUE work on this project. This project included SUE QL- B utility information and topographic survey for approximately 0.5 acres. CD&C’s SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.				
02/24 – 05/24	BRMA Radar Decomp: Mr. Goodspeed served as SUE Manager for the firm’s SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 2 acres. CD&C’s SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.				

12/23 – 05/24	BRMA Taxiway F Reconstruction: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 25 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
05/23 – 06/23	West Broussard @ Duhon SUE: Mr. Goodspeed served as SUE Manager for the firm's SUE work on for this project. CD&C, Inc. provided SUE QL-A utility designation for approximately 2,000' of roadway. CD&C, Inc. provided all SUE reports and data.
09/22 – 01/23	BRMA Northwest Aviation Development: Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with standards set forth by City/Parish government for East Baton Rouge.
03/22 – 10/23	H.011833.5 St. Mary Street Sidewalks; Scott, LA: Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
03/22 – 09/22	H.010960.5-2 Roundabouts at LA 182, Lafayette, LA: Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
07/23 – On-Going	College Drive (MoveBR): Mr. Goodspeed serves as the firm's SUE Manager for the project. This project includes full topography and utility coordination for approximately 20 acres. He worked in the field to coordinate the collection of all the utility information and location for survey crews to incorporate utility information to a QL-D to QL-B level accuracy. An official SUE submittal was not required for this project. The final submittal is following standards set forth by the City/Parish government for EBR.
10/23 – 10/24	HMGP – FEMA Groom Road Brushy Bayou: Mr. Goodspeed served as the firm's SUE Manager for the project. This project included full SUE submittal for approximately 1 mile of roadway. He worked in the field to coordinate the collection of all the utility information and location for survey crews to collect data and incorporate it for the submittal of QL-B.
05/23 – 06-23	Burbank at Pelican Lakes: Mr. Goodspeed served as the firm's SUE Manager on this intersection improvement project in Baton Rouge. Location of all subsurface utilities were provided to QL-C.
01/23 – 07/23	Pride Port Hudson Road: Mr. Goodspeed served as the firm's SUE Manager for this project working to provide Utility Coordination and Utility mapping. Mr. Goodspeed worked with the local utility companies to locate their assets as much as possible. In instances where the utilities did not locate, Mr. Goodspeed secured as-built/record drawings and directed SUE field crews for the marking of those particular assets so that a topography survey could be completed. Mr. Goodspeed also served as a QC Check for all the utilities located by the survey crews and SUE Crew.

16. Staff Experience:			
Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Tracey Smith		Years of relevant experience with this employer
Title	Utility Coordinator		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		ATSSA Traffic Control Technician & Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Smith has over 24 years' experience in underground utilities. Mr. Smith has worked in the gas field for 3 years and spent 19 years performing various underground utility locations and serving as a supervisor for a number of locate technicians.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/23 – 08/23	H.015056 - LA 685: Mr. Smith served as the SUE Field Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 - LA 14 Business: Mr. Smith served as the SUE Field Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
03/23 – 12/23	MSY Campus Wide Sewer Location: Mr. Smith serves as the SUE field chief for the project. CD&C is performing a combination of both a QL-B and QL-A for the Louis Armstrong Airport campus to locate its sanitary sewer lines. This project encompasses the entire campus. All sewer manholes and gravity lines as well as sewer forcemains are to be located. Verification of pipe size and material is also required. CD&C is providing all SUE appropriate reports and data for this project.		
01/24 – 03/24	RN Nuccio Rd SUE: Mr. Smith served as the SUE Field Chief for the firm's SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.		
04/24 – 05/24	BRMA FAA Boring: Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.		
03/24 – 08/24	MSY East Apron Expansion: Mr. Smith serves as the SUE Field Chief for the firm's SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over 7 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.		
03/24 – 05/24	MSY Employee Parking: Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for approximately 0.5 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.		



02/24 – 05/24	BRMA Radar Decomp: Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 2 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
12/23 – 05/24	BRMA Taxiway F Reconstruction: Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 25 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
09/22 – 01/23	BRMA Northwest Aviation Development: Mr. Smith served as the SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with standards set forth by City/Parish government for East Baton Rouge.
03/22 – 10/23	H.011833.5 St. Mary Street Sidewalks; Scott, LA: Mr. Smith served as the firms SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
03/22 – 09/22	H.010960.5-2 Roundabouts at LA 182, Lafayette, LA: Mr. Smith served as the SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
07/23 – On-Going	College Drive (MoveBR): Mr. Smith serves as the SUE Field Chief for the project. This project included full topography and utility coordination for approximately 20 acres. He worked in the field to coordinate the collection of all the utility information and location for survey crews to incorporate utility information to a QLD to QLB level accuracy. An official SUE submittal was not required for this project. The final submittal was following standards set forth by the City/Parish government for EBR.
10/23 – 10/24	HMGP – FEMA Groom Road Brushy Bayou: Mr. Smith serves as the SUE Field Chief for the project. This project included full SUE submittal for approximately 1 mile of roadway. He worked in the field to coordinate the collection of all the utility information and location for survey crews to collect data and incorporate it for the submittal of QLB.
05/23 – 06-23	Burbank at Pelican Lakes: Mr. Smith served as the SUE Field Chief on this intersection improvement project in Baton Rouge. Location of all subsurface utilities were provided to QLD.
01/23 – 07/23	Pride Port Hudson Road: Mr. Smith served as the SUE Field Chief for this project. Mr. Smith worked with the local utility companies. In instances where the utilities did not locate, Mr. Smith assisted in securing as-built/record drawings. Mr. Smith marked those assets so that a complete topography survey could be completed.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC			
Name	Sheelagh Brin Ferlito, PE, PTOE		Years of relevant experience with this employer
Title	Supervisor - Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	B.S. / 1988 / Civil Engineering		
Active registration number / state / expiration date	PE.0025383 / LA 9/30/2027		
Year registered	1993	Discipline	Civil
Contract role(s) / brief description of responsibilities	Supervising Engineer for inspection. Ms. Ferlito will fulfill MPR No. 10 for this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/25- current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, Louisiana) Brin is the project manager for construction engineering and inspection services for the MovEBR Bus Rapid Transit Traffic Signal project involving 19 signalized intersections. Her responsibilities included scheduling the inspectors, reviewing signal plans, resolving utility conflicts determined in the field, verifying quantities and pay items, and coordinating with contractors, consultants, and City staff.		
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 the entire 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 Public-Private-Partnership performed by DOTD.		
8/21 – 5/25	H.010616 I-20 LA 544 Overpass Replacement TMP (Lincoln Parish, LA) Brin was the supervisor who developed a Level 2 Transportation Management Plan (TMP) in accordance with EDSM No. VI.1.1.8.		
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.
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.
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 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	10		
Title	Supervisor-Eng		Years of relevant experience with other employer(s)	18		
Degree(s) / Years / Specialization			B.S./1997/ Civil Engineering M.S./2006/ Civil Engineering (Transportation focus) M.B.A./2010			
Active registration number / state / expiration date			PE.0029901 / LA / 3/31/2026			
Year registered	2001	Discipline	Civil			
Contract role(s) / brief description of responsibilities			Traffic Management Plan Supervisor. Mr. Lambert will fulfill MPR No. 10 for this contract.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).					
01/25 – 09/25	H.015603 LA 641 Over I-10 Bridge Repairs TMP Level 2 (St. James Parish, LA) Laurence was the supervisor who led a Level 2 Transportation Management Plan (TMP) in accordance with EDSM No. VI.1.1.8.					
08/23 – 04/24	H.005734.5 LA 447: I-12 to Joe May Road (Livingston Parish, LA) Laurence was the supervisor who led a Level 2 Transportation Management Plan (TMP) in accordance with EDSM No. VI.1.1.8.					
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.					
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.					
02/14 – 06/14	H.010193 Alexandria ITS Deployment Phase I (Alexandria, LA) Laurence was the project manager for a Level 2 Transportation Management Plan (TMP) as part of an ITS design.					
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.					
01/14 – 07/14	H.010719 US 90 Z Improvements (New Orleans, LA) Laurence was the project manager for a Level 4 Transportation Management Plan (TMP) as part of an ITS design.					
02/14 – 06/14	H.006831 Baton Rouge ITS Deployment Phase III (Baton Rouge, LA) Laurence was the project manager for a Level 2 Transportation Management Plan (TMP) as part of an ITS design.					

04/13 – 09/13	H.010138 Sunshine Bridge ITS Deployment (Ascension and St. James Parishes) Laurence was the project manager for a Level 2 Transportation Management Plan (TMP) as part of an ITS design.
12/12 – 04/13	H.010151 I-210: Cove Lane Interchange TMP (Lake Charles, LA) Laurence was the task leader for traffic analysis of a Level 2 Transportation Management Plan (TMP) as part of a new interchange at Cove Lane and I-20.
04/11 - 09/11	SPN 424-04-0032 US 90 at LA 85 Design-Build Maintenance of Traffic Plan (Iberia Parish, LA) Laurence developed a Maintenance of Traffic plan that accommodated the bridge and road widening, but also maintain passage of large trucks and freight through the heavily travelled corridor crucial for agricultural goods and farming. Laurence was the Lead Traffic Engineer for one of the first design-build projects undertaken by DOTD, which included the construction of a grade separated, diamond interchange to replace the existing US 90 intersections with LA 85 in Iberia Parish to upgrade this future I-49 corridor to interstate standards.
06/10 - 10/10	SPN 454-02-0071 I-12 Widening Design-Build Amite River Bridge to Juban Road Maintenance of Traffic Plan (Livingston Parish, LA) Laurence was responsible for designing a Maintenance of Traffic plan that would keep drivers informed of real time traffic situations through a comprehensive traffic management system. Four lanes (two lanes in each direction) were to remain open during peak travel times throughout the length of the project. Temporary lane closures only occurred at night.
04/07-12/07	SPN 737-99-0799 Baton Rouge to New Orleans ITS-TIM Phase 1 Design Build Project (Jefferson and St. John the Baptist Parishes) Laurence was the project manager for an ITS Design-Build project, where he represented the DOTD ITS Section. Laurence was responsible for developing a Systems Engineering Analysis that was used to solicit proposals from Design-Build teams. Laurence also assisted the DOTD ITS Section with the development of the Scope of Services Package (SOSP) that was used during the procurement process.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC					
Name	Reece Rodrigue, PE, PTOE, RSP1		Years of relevant experience with this employer	5	
Title	Engineer		Years of relevant experience with other employer(s)	7	
Degree(s) / Years / Specialization			B.S. / 2013 / Civil Engineering		
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 inspection		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
5/25 - Current	The Belle of Baton Rouge Casino Hotel (Baton Rouge, LA) Reece supported Construction Engineering & Inspection (CEI) and specification development for roadway and traffic signal improvement. Responsibilities included: • Collaborating with agency staff and consultants to draft and refine technical specifications for traffic signal components, pole assemblies, and installation details. • Reviewing and finalizing traffic signal and pole shop drawing submittals, compiling comments, and coordinating with City staff for approval. • Facilitating pole stakeout meetings and walkthroughs with the contractor, EBR Traffic Engineering Division, and agency representatives to verify constructability and design intent. • Coordinating CAD file transfers and plan adjustments based on field observations, including redlines for mast arm and pedestrian pole locations. • Tracking outstanding submittals and maintaining communication with contractors and project managers to ensure timely resolution. Participating in pre-construction meetings and updates for team members and project stakeholders.				
09/25 - Current	23-EN-HC-0019 Bluebonnet Blvd. Mid-Block Pedestrian Crossing (Baton Rouge, LA) Reece contributed to Construction Engineering & Inspection (CEI) efforts for the Bluebonnet Pedestrian Hybrid Beacon installation, supporting coordination, documentation, and agency compliance across multiple phases. Responsibilities included: • Participating in preconstruction meetings and coordinating with EBR TED, consultants, and contractors on shop drawing reviews, pole relocation, and drainage concerns. • Reviewing and submitting shop drawing packages, including mast arm, luminaire, and concrete mix designs, while tracking submittal statuses and outstanding items in E-builder. • Collaborating with project stakeholders to troubleshoot field issues such as mast arm placement, curb revisions, and sight distance limitations due to median vegetation. • Preparing redlines and plan revisions for the contractor, updating field book entries, and validating revised quantities and pay items for agency submission. Conducting field visits to observe contractor work and ensure constructability, design intent, and documentation throughout the project sequence.				
03/24 - Current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, LA) Reece supported Construction Engineering & Inspection (CEI) efforts for the MovEBR Bus Rapid Transit Traffic Signal project, which encompassed 19 signalized intersections. His contributions included reviewing signal plans for agency compliance, validating pay item quantities, and interpreting field-reported utility conflicts for documentation and resolution. Reece participated in plan markup reviews and shop drawing assessments, ensuring constructability and adherence to design intent.				
07/21 - Current	H.007160 EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) Reece is part of the team providing Construction Engineering and Inspection (CEI) services for the City-Parish of Baton Rouge. Reece reviewed contractor-submitted traffic signal shop drawings to support the City-Parish’s acceptance of manufactured poles, ensuring compliance with specifications and constructability standards. Reece participated in joint field visits with DOTD, City-Parish representatives, and the contractor to verify pole foundation locations prior to installation, directly supporting the owner’s oversight role through on-site validation. Additionally, Reece worked closely with City officials and CN Railroad personnel to develop detailed permit plan sets for construction activities near railroad right-of-way, facilitating regulatory compliance and multi-agency coordination.				



06/23 - Current	H.011507.1 Monroe Phase 3 SEA Reece conducted field visits to the project site to document the controller type and detection needs at each signalized intersection within the project right-of-way.
06/23 – 04/25	H.012845.1 Connected & Autonomous Vehicles (C/AV) Team and Working Group Support Reece was a contributing member of the statewide C/AV team supporting the development of new policies, legislation, and implementation strategies for connected and autonomous vehicle technologies.
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 at the intersection of LA 23 and Engineers Road to accommodate eight distinct phases of construction per anticipated sequence. Temporary pole locations and mounting heights were recommended to support all phases, with clearance interval calculations performed for each phase in accordance with DOTD and ITE guidance. Reece developed the traffic impact analysis portion of the Traffic Management Plan , which informed both temporary and permanent signal timing strategies. Reece also produced the permanent signal plans for the LA 23 intersections at Engineers Road and Burmaster Street, including evaluation of stop bar locations, vehicle and pedestrian clearance intervals, railroad preemption sequencing for both at-grade crossings, wiring layout design, and interconnect planning. Reece reviewed and approved contractor-submitted shop drawings for signal components, ensuring compliance with DOTD specifications and constructability standards. These reviews supported DOTD’s oversight role by validating that proposed materials and configurations met design intent and contractual requirements.
01/21 – 05/21	H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes) Reece served as a member of the subconsultant team tasked with reviewing ITS plans for 15 CCTV camera installation sites along I-10. Responsibilities included measuring anticipated construction quantities and producing a detailed cost estimate using DOTD’s Bid Tabulation and Cost Estimating Tool. As part of owner verification support, Reece validated that proposed quantities and materials aligned with DOTD standards. This included cross-referencing plan details with bid history to ensure defensible pricing.
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.
09/20 – 12/21	H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish) Reece was a design engineer, who assisted 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 consisted 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.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC					
Name	Kristen Gahagan Farrington, 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 Engineering		
Active registration number / state / expiration date			PE. 0042785 / LA / 3/31/2027		
Year registered	2018	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Engineer for TMP		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
01/25 – 09/25	H.015603 LA 641 Over I-10 Bridge Repairs TMP Level 2 (St. James Parish, LA) Kristen was the lead traffic engineer who lea a Level 2 Transportation Management Plan (TMP) in accordance with EDSM No. VI.1.1.8.				
08/23 – 04/24	H.005734.5 LA 447: I-12 to Joe May Road (Livingston Parish, LA) Kristen was the lead traffic engineer who developed a Level 2 Transportation Management Plan (TMP) in accordance with EDSM No. VI.1.1.8.				
8/21 – 5/25	H.010616 I-20 LA 544 Overpass Replacement TMP (Lincoln Parish, LA) Kristen was the lead traffic engineer who developed a Level 2 Transportation Management Plan (TMP) in accordance with EDSM No. VI.1.1.8.				
01/25- current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, LA) Kristen provided construction engineering and inspection services for the MovEBR Bus Rapid Transit Traffic Signal project involving 19 signalized intersections. Her responsibilities included reviewing signal plans, resolving utility conflicts determined in the field, verifying quantities and pay items, and coordinating with contractors, consultants, and City staff. She reviewed shop drawing submittals, updated plan markups based on field conditions, and participated in regular project and biweekly coordination meetings to ensure design intent, constructability, and documentation accuracy throughout the project.				
12/24- current	University Lakes Restoration (Baton Rouge, LA) Kristen provided construction assistance services for the University Lakes Traffic Signal project. Her responsibilities included reviewing signal plans and confirming proposed pole locations, reviewing shop drawing submittals, and coordinating with contractors, consultants, and City staff.				
04/21 – 4/24	CP No. 16 CI-US-0032 Bus Rapid Transit 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 – 11/23	H.015504.5 CCC Decorative Lighting Level 4 TMP (New Orleans, LA) Kristen was the project traffic lead for a Level 4 Traffic Management Plan (TMP) for the Crescent City Connection (CCC). Kristen calculated 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 and approved by DOTD.				
5/21 - Current	H.013267 Capital Area Pathways Project / Downtown to Scotlandville Parkway Trail Safety Enhancement Study and Pedestrian Hybrid Beacon Design (Baton Rouge, LA) Kristen served as a project engineer to evaluate the recommended street crossing treatments of the trail at eight locations, including three state routes which required DOTD approval. 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). Upon completion of the study, Kristen designed the PHBs at four (4) crosswalk locations. Once bid, Kristen provided construction assistance, responding to requests for information from the contractor.
12/23-Current	23-EN-HC-0019 Bluebonnet Blvd. Mid-Block Pedestrian Crossing (Baton Rouge, LA) Kristen served as project engineer for the design study and assisted with Construction Engineering & Inspection (CEI) efforts for the Bluebonnet Pedestrian Hybrid Beacon project, including evaluation of existing conditions, assisting with design, and agency compliance across multiple phases. Responsibilities included: evaluation of existing sight distance, traffic volumes, and spot speed study results to develop recommendations for the safe crossing of pedestrians at this location. She also developed preliminary drawings of crosswalk location based on available right-of-way, assisting with quality control of signal design submittals including equipment, signs, and quantities. Kristen reviewed and submitted shop drawing packages for traffic signal equipment.
7/2022 – 6/2025	I-20: LA 544 Overpass Replacement (Ruston, LA) Kristen served as a project engineer for the development of the Transportation Management Plan for the I-20: LA 544 Overpass Replacement project, as well as the temporary signal design at two (2) locations for seven (7) phases of construction. Kristen assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals.

16. Staff Experience:			
Firm employed by Vectura Consulting Services, LLC			
Name	David Watkins		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		High School Diploma / 1978	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		N/A	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/24 - Current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, LA) David performed comprehensive field and office activities focused on power and signal service pole installations along Florida Street, Plank Road, and adjacent intersections. Key tasks include staking out pole foundations, inspecting and photographing power service poles, and coordinating with utility providers and contractors (ATT, Entergy, Gas, Hard Rock, Jack Harper Electric). Field operations covered drilling and forming 30"–48" diameter foundations, resolving utility conflicts (water, gas, fiber), and monitoring concrete pours. Office duties included downloading and labeling photos, updating daily logs, and reconciling quantities for mast arms and foundations. Coordination meetings with team members ensured accurate reporting and scheduling. Work spanned multiple intersections such as Florida St at 22nd, North St, Fuqua St, Pawnee/Fairfield, Chippewa St, Mohican St, Lorraine St, and Dawson St, with activities ranging from utility checks to final foundation installations.		
07/21 - current	H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) David participated in multiple site and field activities focused on final inspections and verification tasks. Responsibilities included conducting Final Inspection Field Visits, assisting in the development of detailed punch lists, and performing final field verification to ensure compliance with project specifications. Additionally, David supported fiber inspection, track sampling, and reviewed test results during site visits to confirm installation quality and adherence to standards. These efforts were critical in preparing the project for closeout and ensuring all outstanding issues were identified and addressed before final acceptance.		
06/23 – 08/23	H.011507.1 Monroe Phase 3 SEA David spent several days in Monroe conducting field verification and documentation tasks. The primary responsibilities included photographing control cabinets and traffic signal installations to ensure accurate visual records. While David focused on capturing and organizing photographic documentation. After completing the site work in Monroe, David returned to the Baton Rouge office, finalized photo transfers. These activities supported quality assurance and project closeout requirements.		
11/06 – 02/23	Jack B Harper Electrical, LLC (Walker, LA) David worked extensively throughout the state of Louisiana on hundreds of local, state, and federally funded traffic signal projects, to include major metropolitan areas, such as Greater New Orleans, Baton Rouge, and Lafayette. During this time, David worked on projects that built intersections from the ground up, to include base / signal installation, signal control electrical installation, and signal termination. Read and interpreted blueprints to ensure proper installation requirements were met for span wire and mast arm installation. Extensive experience in installing all forms of traffic signals during all construction phases. He also assisted site inspectors with confirming mast arm foundation locations; electrical inspection / reporting; drawing reviews; change requests; and verifying controller data collection and timing checks.		

03/01 – 10/06	Dave's Electric (Denham Springs, LA) David conducted electrical work on numerous residential and commercial job assignments. He was responsible for installing all wiring and electrical components as directed by site blueprints; installed all circuits and electrical items during multi-phasal construction projects (i.e rough-in; trim-out); conducted final walk-through inspection; completed punch list items as required. David was also assigned as site lead during most job assignments.
01/96 – 04/01	Diamond Electric Company, Inc. (Baton Rouge, LA) David performed duties as a Traffic Signal Technician Level I that included technical work in the construction, installation, maintenance, and repair of traffic signal systems. David also developed the ability to read and interpret blueprints during this time. Maintained electrical experience while working on roadways requiring traffic control. David also performed technical tasks to maintain and install all traffic signals, signal systems, signs, and associated traffic equipment. He delivered and set-up barricades for work zones, detours, and other areas in need of barricades; assisted with traffic control as needed. David performed related technical tasks; worked with contractors on the installation and relocation of traffic signals and components.

16. Staff Experience:			
Firm employed by Vectura Consulting Services, LLC			
Name	Ronald St. Angelo	Years of relevant experience with this employer	3
Title	Senior Technician	Years of relevant experience with other employer(s)	48
Degree(s) / Years / Specialization		High School Diploma / 1975	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Senior-level Construction Specialist for traffic signals, lighting, and ITS	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/25 - Current	23-EN-HC-0019 Bluebonnet Blvd. Mid-Block Pedestrian Crossing (Baton Rouge, LA) Ronnie contributed to Construction Engineering & Inspection (CEI) efforts for the Bluebonnet Pedestrian Hybrid Beacon installation, supporting coordination, documentation, and agency compliance across multiple phases. Responsibilities included: • Participating in preconstruction meetings and coordinating with EBR TED, consultants, and contractors on shop drawing reviews, pole relocation, and drainage concerns. • Reviewing and submitting shop drawing packages, including mast arm, luminaire, and concrete mix designs, while tracking submittal statuses and outstanding items in E-builder. • Collaborating with project stakeholders to troubleshoot field issues such as mast arm placement, curb revisions, and sight distance limitations due to median vegetation. • Preparing redlines and plan revisions for the contractor, updating field book entries, and validating revised quantities and pay items for agency submission. Conducting field visits to observe contractor work and ensure constructability, design intent, and documentation throughout the project sequence.		
07/21 - current	H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) Ronnie provided technical assistance in the field for the Construction Engineering and Inspection of 24 traffic signals. Ronnie assisted with the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Ronnie along with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.		
06/23 - Current	EBR Direct Select Signal Design Phases 1 & 2 (Baton Rouge, LA) Ronnie’s work focused on reviewing and refining signal plans, ensuring all comments and changes were addressed. Responsibilities included developing accurate cost estimates, checking quantities, and working on the signal budget. Ronnie coordinated phasing and splits, discussed power and cabinet locations, and verified plan details through multiple reviews. Field activities involved site visits to inspect ITS cabinets, take quadrant photos, and locate the fiber junction box at Bluebonnet and Celtic. These efforts ensured proper planning, accurate budgeting, and readiness for implementation.		
07/19 – current	MOVEBR New Capacity Projects Program Management (Baton Rouge, LA) Ronnie is responsible for coordinating and executing tasks related to traffic signal design, fiber optic infrastructure, and city standard details for transportation projects. This includes field inspections of fiber in junction boxes and cabinets at multiple locations such as Bluebonnet, Floynell, Perkins corridors, and other designated sites to verify fiber type and routing. Ronnie collaborates extensively with stakeholders including EBR TED, City BR representatives, DOTD, and contractors to review and update traffic signal plans, pole foundation layouts, and equipment specifications. Duties involve preparing and marking up signal phasing plans, updating pay item lists, and ensuring compliance with city and DOTD standards. Ronnie also participates in meetings to resolve technical issues related to signal pole clearances, luminaire integration, controller cabinet		

	configurations, and pedestrian crossing layouts. Additional responsibilities include reviewing shop drawings, documenting existing trunk lines, and providing input on standard detail revisions for traffic signals and street lighting systems.
04/20 - Current	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA) Ronnie is responsible for reviewing temporary traffic signal plans to ensure accuracy and compliance, which has been done multiple times throughout the project. In addition to plan reviews, Ronnie worked on laying out mast arms for the permanent signal and configuring temporary signal strain poles. Coordination has been a key part of the process, involving collaboration with Reece to address design and implementation details. Ronnie also engaged with the contractor to monitor drilling operations for mast arm foundations and confirm scheduling for drill shafts and concrete pours. These efforts aim to maintain traffic safety and ensure timely installation of both temporary and permanent signal systems.
03/24 - Current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, LA) Ronnie is responsible for coordinating and overseeing field and office activities related to signal and streetlight installation for the BRT and corridor improvement projects. Duties include conducting field visits for pole stakeouts, verifying utility conflicts, and laying out pole and signal foundations at multiple intersections along Plank Road and Florida Boulevard. Ronnie manages redlining of intersection drawings, tracks changes, and updates signal quantities based on site conditions. He facilitates bi-weekly meetings, communicates with contractors, utility companies, and manufacturers, and ensures compliance with specifications for pole submittals and foundations. Additional responsibilities include logging daily contractor work, resolving right-of-way and utility relocation issues, and reviewing pay quantities and revised plans. Ronnie plays a key role in coordinating with project stakeholders to address design adjustments, utility conflicts, and installation challenges to maintain project timelines and quality standards.
02/03 – 04/23	Jack B Harper Electrical, LLC (Walker, LA) Ronnie specialized in programming traffic signal controls / ITS equipment and troubleshooting construction issues in the field such as utility conflicts and traffic signal issues. He was a project manager for numerous traffic signal related projects and oversaw a team of field technicians for signal related construction projects. He was an estimator for bidding traffic signal / ITS equipment projects. Ronnie worked extensively throughout the state of Louisiana on hundreds of local, state, and federally funded traffic signal / ITS projects, to include major metropolitan areas, such as Greater New Orleans, Baton Rouge, and Lafayette. During this time, Ronnie worked on projects that built intersections from the ground up, to include base / signal installation, signal control electrical installation, and signal termination. Ronnie read and interpreted construction plans to ensure proper installation requirements were met for span wire and mast arm installation. Extensive experience in installing all forms of traffic signals during all construction phases. He also assisted site inspectors with confirming mast arm foundation locations; electrical inspection / reporting; drawing reviews; change requests; and verifying controller data collection and timing checks.
07/75 – 01/03	East Baton Rouge Traffic Engineering Division Ronnie was a certified IMSA Level 1 & 2 Technician while employed at the City of Baton Rouge. Ronnie performed numerous construction tasks in relation to traffic signals within East Baton Rouge Parish. Construction included traffic signal poles, signal heads, signal wiring, vehicle detection, traffic signal controller / cabinet power service. In the earlier part of his career, the traffic signal controllers consisted of mechanical parts. As time progressed, the controller evolved to steady-state technology. In addition, Ronnie performed traffic signal tasks related to maintenance after damage from collisions or extreme weather. While employed in the city, Ronnie was tasked with maintaining over 300 signals that included DOTD intersections. Ronnie started his career at the City of Baton Rouge as a Technician, then Traffic Signal Technician, then Foreman and finally a supervisor. Ronnie was also responsible for programming traffic signal controllers while at the City.

17. Firm Experience:					
Firm name	Modjeski and Masters, Inc.		Discipline(s)*		Other (roadway lighting)
Project name	I-20 at Garrett Road Interchange Lighting Design/CRES			Firm responsibility (prime or sub?)	Prime
Project number	H.009201 & H.014646	Owner's name	Louisiana Department of Transportation and Development		
Project location	Monroe, LA		Owner's Project Manager		Michael Armentor, PE
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802; (225) 379-1088; Michael.Armentor@la.gov				
Services commenced by this firm (mm/yy)		06/12	Total consultant contract cost (\$1,000's)		280
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		280

The project involved the design of roadway lighting for the Garrett Road Interchange along Route I-20 in Monroe, LA. The design included the use of low-mast poles and underpass lighting and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M also provided construction related engineering services including shop drawing and O&M manual review and field inspections. As a separate project (S.P. H.014646), M&M provided plans, technical specifications, special provisions and illumination analysis for the rehabilitation of the existing lighting system along I-20 from US 165 to E. of Garrett Road. M&M coordinated with the City of Monroe and interfaced with the Project Team for S.P. H.007300 on the selection of LED luminaires to provide consistent lighting throughout the project limits.



PROJECT FEATURES:

- Development of a photometric analysis of the interchange and associated flyover ramps conforming to the LADOTD Illumination Standards.
- Design and development of electrical lighting plans and specifications conforming to the LADOTD Illumination Standards and the National Electric Code.

Key Personnel: Cullen J. Ledet, PE | Joseph Strenkoski, PE | Jonathan E. Gerhart, PE | Erin N. Rodgers

17. Firm Experience:

Firm name	Modjeski and Masters, Inc.		Discipline(s)*		Other (roadway lighting)	
Project name	I-12 @ LA 447 (Walker) Interchange Lighting/CRES				Firm responsibility (prime or sub?)	Prime
Project number	H.012503.5	Owner's name	Louisiana Department of Transportation and Development			
Project location	Livingston Parish, LA			Owner's Project Manager	Christopher LeBourgeois, PE	
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802; (225) 379-1088; Christopher.lebourgeois @la.gov					
Services commenced by this firm (mm/yy)	09/16	Total consultant contract cost (\$1,000's)				316
Services completed by this firm (mm/yy)	09/19	Cost of consultant services provided by this firm (\$1,000's)				316

The project involved the design of roadway lighting at the I-12/LA 447 Interchange in Walker, LA. The design included providing lighting for two roundabouts at the ramp terminals and was coordinated with the local government agencies as well as the electrical utility company in order to simplify future maintenance and to provide desired aesthetics. M&M provided plans & construction estimates, and construction related services including shop drawing review and field inspections.

PROJECT FEATURES:

- Development of a photometric analysis of the interchange and two roundabouts conforming to the LADOTD Illumination Standards.
- Design and development of electrical lighting plans and specifications conforming to the LADOTD Illumination Standards and the National Electric Code.
- Construction Related Engineering Support Services



Key Personnel: Zolan Prucz, PhD, PE | **Joseph Strenkoski, PE**
| **Jonathan Gerhart, PE** | **Cullen Ledet, PE** | **Erin Rodgers, PE**

17. Firm Experience:					
Firm name	Modjeski and Masters, Inc.		Discipline(s)*		Other (roadway lighting)
Project name	I-10: Texas State Line – E. of Coone Gully		Lighting Design/CRES	Firm responsibility (prime or sub?)	Prime
Project number	H.003184.5	Owner's name	Louisiana Department of Transportation and Development		
Project location	Calcasieu Parish, LA		Owner's Project Manager	Michael Armentor, PE	
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802; (225) 379-1088; Michael.Armentor@la.gov				
Services commenced by this firm (mm/yy)	01/17	Total consultant contract cost (\$1,000's)			353
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			353

M&M performed a study of the existing roadway lighting system of Interstate 10 (I-10) in Calcasieu Parish at five locations for the LADOTD as part of S.P. H.003184 which calls for a portion of I-10 from the Texas state line through to the East of Coone Gully to be widened from four to six lanes of travel. The scope of the work and inquiry consisted of an illumination and roadway lighting construction feasibility study at the five specified locations. The as-designed roadway lighting systems were evaluated and compared to the proposed widened geometry to determine if the existing systems would remain in compliance with LADOTD Illumination standards. Where needed, modifications were recommended to satisfy required illumination and electrical criteria.

M&M investigated the existing roadway lighting system at five locations within the project limits.

- I-10 at the Sabine River Turnaround
- I-10 at Weigh Station (Toomey)
- I-10 at LA 3063 (West St.)
- I-10 at US 90 (Toomey Road)
- I-10 at LA 108 (Gum Cove Road)

M&M also developed final plans, specifications and cost estimates for accommodations for the future replacement of the existing roadway lighting systems at these locations and is providing construction-related engineering services, including field inspections and shop drawing, as-built drawing and submittal review.

As separate projects (S.P. H.014555, H.015019, and H.015085), LADOTD has asked M&M to complete the new lighting design at I-10 @ LA US 90, I-10 @ LA 3063 and I-10 @ LA 108. The original outdated lighting system at each interchange was removed as part of the widening system and a new lighting system was agreed to be installed after the widening project was completed. M&M will provide plans, specifications, special provisions, cost estimates and illumination analysis for a complete interchange lighting system.

Key Personnel: Zolan Prucz, PhD, PE | **Joseph Strenkoski, PE** | **Jonathan Gerhart, PE**
| **Cullen Ledet, PE** | **Erin Rodgers, PE**



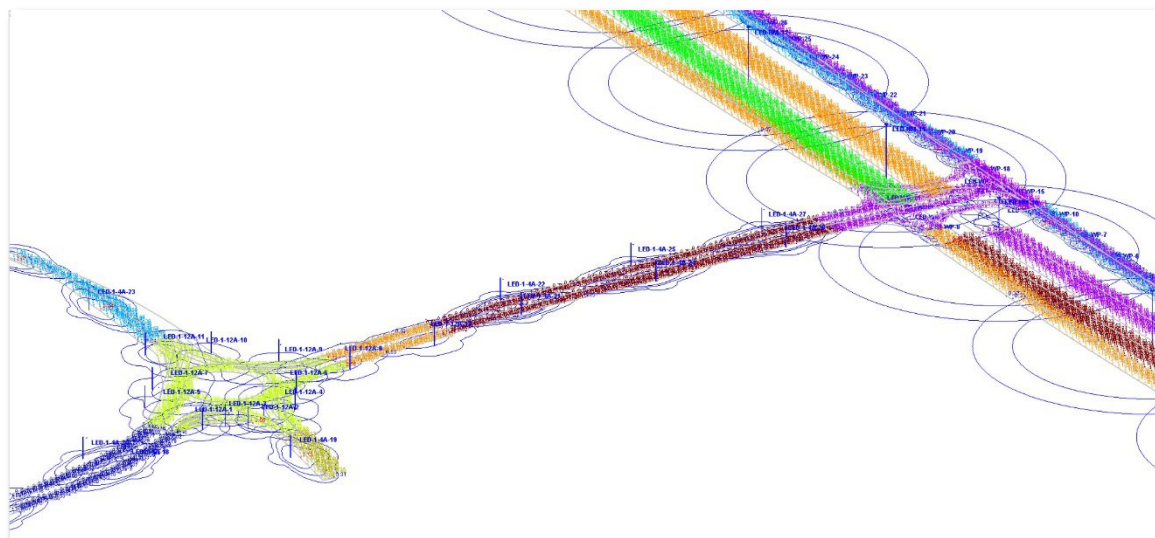
17. Firm Experience:

Firm name	Modjeski and Masters, Inc.		Discipline(s)*		Other (roadway lighting)	
Project name	I-49 South @ Verot School Road Interchange Lighting				Firm responsibility (prime or sub?)	Sub
Project number	H.011235.5	Owner's name	Louisiana Department of Transportation and Development			
Project location	Lafayette Parish			Owner's Project Manager	Corey Landry, P.E.	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802, (225) 379-1889, Corey.Landry@LA.GOV					
Services commenced by this firm (mm/yy)	07/18	Total consultant contract cost (\$1,000's)			82	
Services completed by this firm (mm/yy)	ongoing	Cost of consultant services provided by this firm (\$1,000's)			82	

The proposed project limits begin at the intersection of US 90 and South Park Road to 1,300 feet south of the intersection of US 90 and Kaliste Saloom Road. The Project consists of an above grade frontage road bridge structure that traverses over I-49 South/US 90 mainline roadway and its paralleled railroad. It also includes one-way frontage roads on both sides of the mainline roadway, a two-way collector service road east of the mainline roadway, and a new alignment of Verot School Road from the interchange to the a bridge structure approximately 600 feet west of its intersection with LA 182.

M&M was responsible for all engineering services required for the completion of preliminary lighting plans and lighting construction estimates for the project area. The scope of work includes a photometric analysis on the proposed widened and realigned geometry to determine an appropriate roadway lighting system that achieves compliance to DOTD and all other applicable illumination and electrical standards. M&M also conducted a lighting design feasibility study within the project limits. In addition to a report that documents the findings and provides recommendations, the study included a photometric analysis, selected preliminary plans, and an estimate construction cost estimate. Preliminary Plans were developed in conformance with the DOTD Software and Deliverable Standards for Electronic Plans and DOTD Electrical Design Plan Standards. The cost estimate was broken down by individual pay items as defined in the 2016 Edition of the Louisiana Standard Specifications for Roads and Bridges.

Key Personnel: Zolan Prucz, PhD, PE | **Joseph Strenkoski, PE** | **Jonathan Gerhart, PE** | **Cullen Ledet, PE** | **Erin Rodgers, PE**



17. Firm Experience:

Firm name	Modjeski and Masters, Inc.		Discipline(s)*		Other (roadway lighting)	
Project name	I-20 at Vicksburg – Electrical Design / CRES				Firm responsibility (prime or sub?)	Prime
Project number	H.012739.5	Owner's name				
Project location	Ouachita Parish			Owner's Project Manager	Mark Bucci, P.E.	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802, (225) 379-1076, Mark.Bucci@LA.GOV					
Services commenced by this firm (mm/yy)	07/18	Total consultant contract cost (\$1,000's)				250
Services completed by this firm (mm/yy)	06/21	Cost of consultant services provided by this firm (\$1,000's)				250

The Vicksburg Bridge is an Interstate highway bridge built in 1973 that carries I-20 over the Mississippi River. The main bridge is a steel cantilever through truss. The approaches consist of three simple through truss spans and three steel girder spans on the west side and one simple through truss span and two steel girder spans on the east side. The center span of the main bridge is 870 feet long and its vertical clearance is 60 feet from high water elevation. The Vicksburg Bridge underwent a rehabilitation consisting of performing hydro-demolition and overlay of the existing bridge deck, repairing floorbeam cracks, and adding safety enhancements to the maintenance walkways and electrical systems. The work also included design and detail of a new bearing assembly jacking system to accommodate additional transverse jacking of the trusses at Pier E-2. M&M provided electrical engineering services to provide final plans and specifications for rehabilitation of the existing electrical systems, including photometric report and replacement of roadway lighting with an LED design, replacement of navigation lighting and aerial beacons, and rehabilitation and relocation of low-voltage electrical components including monitoring equipment including monitoring equipment, MDOT equipment, river current monitoring equipment. M&M also provided construction related engineering services, including field inspections and shop drawing, as-built drawing and submittal review.



Key Personnel: Zolan Prucz, PhD, PE | **Jonathan E. Gerhart, PE** | **Cullen J. Ledet, PE**

17. Firm Experience:

Firm name	Aillet, Fenner, Jolly & McClelland, Inc.		Discipline(s)*		Road, Other (Roadway Lighting), Bridge	
Project name	Jimmie Davis Bridge (LA511) Design Build				Firm responsibility (prime or sub?)	Sub
Project number	H.001779	Owner's name	Louisiana Department of Transportation and Development			
Project location	Caddo and Bossier Parishes			Owner's Project Manager	Catherine Mastin	
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA / 225-379-1652 / catherine.mastin@la.gov					
Services commenced by this firm (mm/yy)	6/23	Total consultant contract cost (\$1,000's)				12,950
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)				1,085

This project will construct a new 4-lane bridge over the Red River, convert LA 511 from a five-lane roadway to a 4-lane median divided roadway with turn lanes, and construct full-access interchange connections with LA 511 at both Arthur Ray Teague Parkway and Clyde Fant Memorial Parkway with associated roadway drainage systems, lighting and the conversion of the existing Jimmie Davis Bridge into a linear park.

AFJMc was tasked with the design of at grade and elevated portions of the shared use trails on both sides of the Red River to connect at the existing Jimmie Davis Bridge. AFJMc was responsible for the drainage for the west portion of the roadway design of LA 511 and its connections to Clyde Fant Parkway. AFJMc also designed all electrical/lighting for the project including the trails, roadway, new bridge and the linear park. The electrical/lighting design included the structural design of the luminaire supports and foundation design of overhead structures for the entire project.

AFJMc's design will allow the local community access between Shreveport and Bossier City and provide an enjoyable recreational opportunity for all users.

Members involved: Elba Urbina-Hamilton, PE | Edie Langley | Paul Cormier, PE | Matthew J. Wallace, PE, SE



17. Firm Experience:

Firm name	Aillet, Fenner, Jolly & McClelland, Inc.		Discipline(s)*		Other (Roadway Lighting), Bridge	
Project name	Mound Rest Area Improvements, Route I-20				Firm responsibility (prime or sub?)	Prime
Project number	H.011446.5	Owner's name	Louisiana Department of Transportation and Development			
Project location	Madison Parish			Owner's Project Manager	M. Scott Guinn, P.L.A	
Owner's address, phone, email	LaDOTD, 1212 E. Hwy Dr., Baton Rouge, LA 70802, 225-379-1739, scott.guinn@la.gov					
Services commenced by this firm (mm/yy)		11/20	Total consultant contract cost (\$1,000's)			432
Services completed by this firm (mm/yy)		08/21	Cost of consultant services provided by this firm (\$1,000's)			401

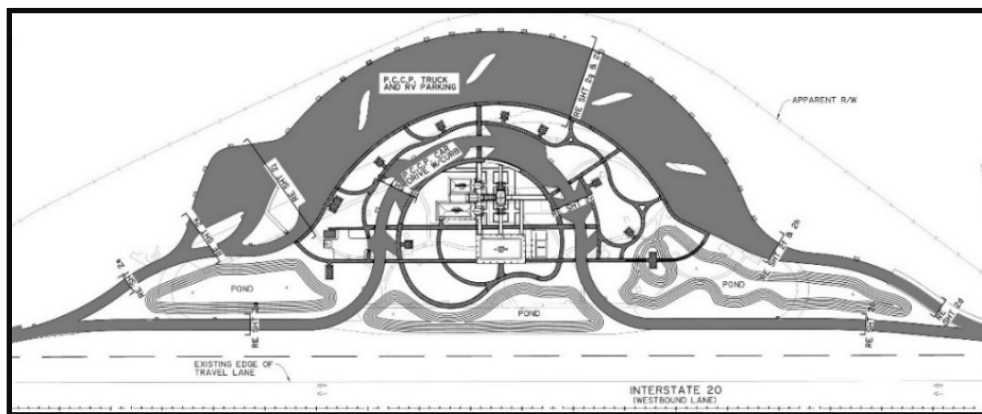
As part of LaDOTD's Statewide Facilities and Rest Area retainer contract, **AFJMc** designed site improvements to the Mound Rest Area on I-20 in Madison Parish. The project consists of new acceleration and deceleration ramps/drives into the rest area, new car and truck parking facilities, site grading and drainage systems with storm water management. The project also includes general site amenities such as pedestrian walkways and a courtyard.

AFJMc provided not only civil design services for this project but also structural and electrical designs services. The structural design included foundation design for overhead structures such as pavilions, covered walkways and the design of wood bridges and bulkhead at pond edges. The electrical design included converting the site to 3-Phase power, site lighting, CCTV surveillance systems, back-up generator systems, surge protection, and replacing lighting on the interstate ramps.

The electrical/lighting design included the structural design of the luminaire supports and foundation design of overhead structures for the entire project.

AFJMc tasks for this project included the development of final plans, the development of specifications, the development of cost estimates, the review of shop drawings, and the response to Request for Information (RFI) on an as needed basis when the project was complete.

Members involved: Elba Urbina-Hamilton, PE | Paul Comier, PE | Matthew J. Wallace, PE, SE | Edie Langley



17. Firm Experience:

Firm name	Aillet, Fenner, Jolly & McClelland, Inc.		Discipline(s)*	Road, Other (Lighting)	
Project name	I-49 North including Segment K, Phase 1, Phase II, Cul-De-Sac Phase			Firm responsibility (prime or sub?)	Prime
Project number	SP# H.003495 / H.011111/ H.011105	Owner's name	Louisiana Department of Transportation and Development		
Project location	Caddo Parish, LA		Owner's Project Manager	Joe Umeozulu, PE	
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70804 / 225-379-1386 / joachim.umeozulu@la.gov				
Services commenced by this firm (mm/yy)		12/03	Total consultant contract cost (\$1,000's)		3,720
Services completed by this firm (mm/yy)		2/20	Cost of consultant services provided by this firm (\$1,000's)		1,862

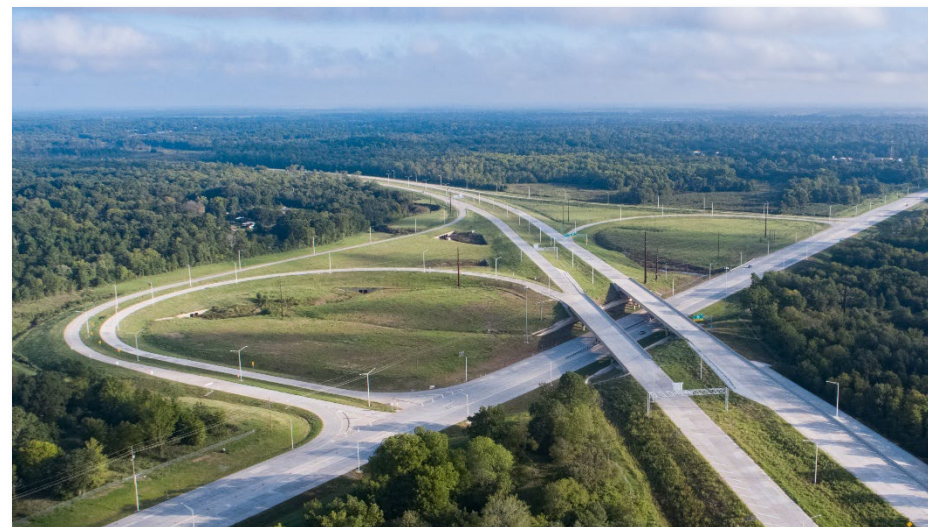
Section K, Phase I is 1.677 miles of 7 lane to 4 lane divided Interstate Highway, with a partial interchange at MLK and the rebuild of MLK. AFJMc is responsible for the Preliminary and Final roadway and drainage plans.

Section K, Phase II is 4.252 miles of 7 lanes to 4 lane divided Interstate Highway, with a partial interchange at I-220 and the rebuild of I-220. AFJMc is responsible for the final geometry Preliminary and Final roadway and drainage plans.

Section K, Cul-De-Sac Phase is 5 Cul-De-Sac's that are required for City of Shreveport Street that have been cut off by the construction of I-49 North Section K, and the C of A Right-of-Way. AFJMc is responsible for the final Preliminary and Final roadway and drainage plans.

AFJMc provided not only highway design services for this project but also electrical and structural design services. The electrical design included highway and ramp interstate lighting design. It also included aesthetic lighting on the pier decorative panels. The aesthetic lighting for the project utilized color-changing fixtures. The structural design included design of the luminaire supports and foundation design of overhead structures for the entire project.

Members involved: Elba Urbina-Hamilton, PE | Edie Langley | Matthew J. Wallace, PE, SE | Paul Cormier, PE



The I-49 Segment K Phase 2 Interchange with I-220 earned the regional award for “Best Use of Technology & Innovation” from the American Association of State Highway & Transportation Officials (AASHTO).

The \$142 million I-49 Interchange project was also awarded the 2020 Louisiana Transportation Conference Excellence Award in the “Roadway/Bridge Construction Project over \$10 Million” category.

17. Firm Experience:					
Firm name	Fugro USA Land, Inc.		Discipline(s)*		Geotech
Project name	LADOTD IDIQ Contract for Geotechnical Services			Firm responsibility (prime or sub?)	Prime
Project number	4400024650 (current)	Owner's name	Louisiana Department of Transportation and Development		
Project location	Statewide, LA		Owner's Project Manager		Kristy Smith
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1387, Kristy.smith2@la.gov				
Services commenced by this firm (mm/yy)		07/10	Total consultant contract cost (\$1,000's)		6,500
Services completed by this firm (mm/yy)		Current	Cost of consultant services provided by this firm (\$1,000's)		6,000

As part of a Statewide Geotechnical retainer contract awarded multiple times, Fugro has performed geotechnical exploration and engineering related services for statewide projects under individual Task Orders for DOTD. The contracts have included over 30 task orders covering a wide geographical area of Louisiana. The geotechnical investigations, sampling, and testing services provided for this contract include:

Field reconnaissance for equipment access

- Land clearing for equipment access
- Deep and shallow soil borings
- CPT soundings
- Drafting of Boring and CPT logs
- Drafting of subgrade soil surveys
- Instrumentation installation
- Exploration location survey
- Laboratory testing
- Traffic Control for Safe Project Execution



Fugro has developed a comprehensive understanding of LADOTD requirements through execution of these task orders. Fugro's most recent award was in 2023 has included an additional 4 task orders. One of the largest task orders spanned between 2021 and 2022 included the I-10 Calcasieu River Bridge (H.003931), comprised of over 70 borings, utilizing multiple rigs and a number of Fugro professionals to complete on budget and ahead of schedule.

Project Team: Eric Marx | Robert Johnson | Mike Allen | Peter Cole | Mike Hollier | Viet Le | Steve Williams | Sheldon Collins

17. Firm Experience:

Firm name	Fugro USA Land, Inc.		Discipline(s)*		Geotech		
Project name	I-49 S: US 90 & Ambassador Caffery Interchange				Firm responsibility (prime or sub?)		Sub
Project number	H002868.5		Owner's name	Louisiana Department of Transportation and Development (sub to Duplantis Design Group)			
Project location	Lafayette Parish, Louisiana			Owner's Project Manager		Ryan Morvant (DOTD), Heather Klingman (DDG)	
Owner's address, phone, email		314 E. Bayou Rd, Thibodaux, LA 70301 (DDG) 985-447-0090; hklingman@ddgpc.com					
Services commenced by this firm (mm/yy)			05/12	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)			12/24	Cost of consultant services provided by this firm (\$1,000's)			486

The project included a new interchange at the intersection of US 90 and Ambassador Caffery in Lafayette Parish, Louisiana as part of the I-49 corridor. The section of the interchange for this project includes a 2,000 ft long by 140 ft wide bridge structure, a new 2 lane approach from the north, a new 2 lane approach from the south, about 5,500 feet of new 2 lane frontage road, extensions to tie-in to Sugarfield Rd and Corne Rd, and 2 Future Fly- Over Lanes. Fugro provided geotechnical services that included geotechnical explorations, laboratory testing, engineering analysis, data reporting, and construction monitoring and instrumentation to assist DDG, the prime design consultant, in the design and construction of the new additions. Fugro's specific scope of work included:

- Development of a traffic control plan
- Drilling 21 soil borings to a depth of 150-ft
- Performing 21 CPTs to 150-ft
- Subgrade soil surveys along the alignment
- Pile capacity and pile data tables for various pile sizes of prestressed concrete piles
- Development of a test pile program
- MSE Wall Evaluations
- Development of Surcharge/Settlement Monitoring programs
- Development of Pile Driving Criteria
- Construction Monitoring of Deep Foundation Installation including PDA Testing and CAPWAP
- Review of Surcharge Monitoring Data and Recommendations for Surcharge Removal

Project Team: Eric Marx | Paul Bullock | Marty Skyrman | Mike Hollier | Mike Allen



17. Firm Experience:				
Firm name	Fugro USA Land, Inc.		Discipline(s)*	Geotech
Project name	Kansas Lane, Garrett Road Connector and I-20 Improvements			Firm responsibility (prime or sub?) Sub
Project number	H.004774 & H.007300	Owner's name	Louisiana Department of Transportation and Development (sub to Lazenby and Associates)	
Project location	Ouachita Parish, Louisiana		Owner's Project Manager	Catherine Mastin (DOTD), Ryan Spillers (Lazenby)
Owner's address, phone, email	2000 N. 7th Street, West Monroe, LA 71291 (Lazenby) 318-387-2710; rspillers@lazenbyengr.com			
Services commenced by this firm (mm/yy)	09/17	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	Current	Cost of consultant services provided by this firm (\$1,000's)		330

The project includes the widening of Garrett Road and a connection from I-20 to Kansas Lane in Monroe. Garrett Road is planned to widen to four lanes from the intersection with Huntington Drive, north to Millhaven Road. The existing overpass along Garrett Road over I-20 will be straightened. A second overpass will be added south of I-20 and extending across the I-20 interchange. Garrett Road improvements include a second two-lane bridge beginning south of Millhaven Road, passing over Millhaven Road and the Kansas City Southern (KCS) railroad (KCS) and ending north of Millhaven Road. The southern bridge approach will consist of an embankment, mechanically stabilized earth wall (MSEW) structure. Fugro provided a geotechnical study that included geotechnical exploration, laboratory testing, engineering analysis and data reporting to assist Lazenby & Associates, Inc., the prime design consultant, in the design of the new additions. Fugro's specific scope of work included the following:

- Developed a traffic plan and implemented traffic control for the field
- Drilled 22 pavement borings for a subgrade soil survey program
- Drilled 26 soil borings ranging from 70 to 120-ft each using LADOTD protocols
- Performed external stability and settlement calculations for MSEW
- Embankment settlement and slope stability calculations for various fill heights and surcharge evaluations
- Performed deep foundation engineering analysis and developed pile order lengths using AASHTO LRFD specifications
- Evaluated group settlement effects for deep foundations

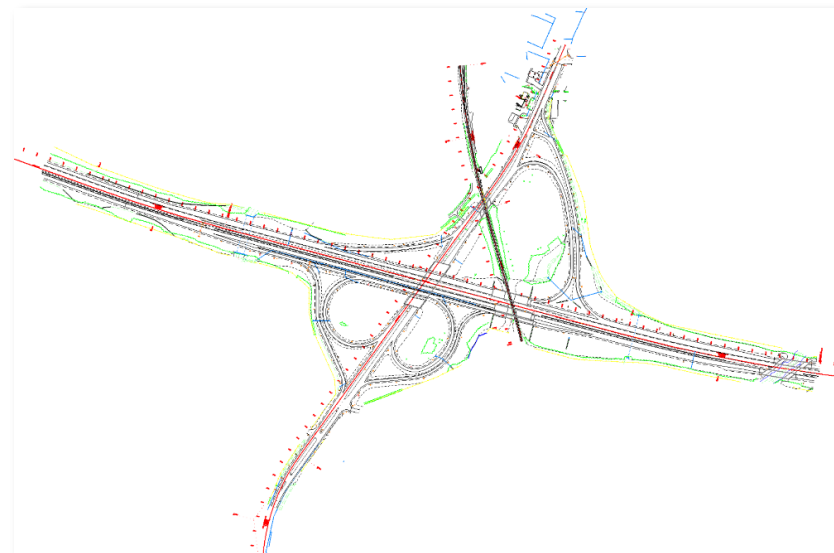
Project Team: Eric Marx | Viet Le | Mike Allen

17. Firm Experience:					
Firm name	Lazenby & Associates, Inc.		Discipline(s)*		Survey
Project name	US 371: KCS RR Overpasses (HBI)			Firm responsibility (prime or sub?)	Prime
Project number	S.P.N. H.012030	Owner's name	Louisiana Department of Transportation and Development		
Project location	Webster Parish		Owner's Project Manager		Steve A. LeBlanc, P.L.S.
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804-9245 Telephone (225) 379- 1292 email: Steve.LeBlanc2@la.gov				
Services commenced by this firm (mm/yy)		12/2022	Total consultant contract cost (\$1,000's)		222.3
Services completed by this firm (mm/yy)		3/2023	Cost of consultant services provided by this firm (\$1,000's)		222.3

Lazenby & Associates, Inc. is the prime consultant on this project, performing topographic surveying services within the existing US 371/I-20 interchange ROW for existing roadway lighting improvements. Approximately 3,800 feet along US 371 (urban minor arterial) and 5,600 feet along I-20 (urban interstate) located in Minden, LA is included in the topographic survey limits.

Static/RTK GPS survey methods were used to establish horizontal and vertical control for the field survey. Conventional survey methods using total stations and digital levels were used to collect the topographic survey data for the project. In addition, 3D LIDAR point clouds were collected using both stationary terrestrial tripod mounted scanner and UAV scanner payload. Topographic features were extracted from the 3D point cloud such as hard surface pavement, bridge structures, traffic signs, overhead truss sign supports, guardrails, and existing traffic lighting. UAV photogrammetry was collected to assist with the QA/QC validation of the topographic survey. In addition to the collection of topographic survey features, other surveying services include the establishment of referenced iron rods along the project to define the GPS control, locating and research of ownership of all utilities within the limits of the topographic survey using LA One Call and preparation of an existing drainage map of the project area. An existing DTM was developed using surface elevations collected and existing alignments were calculated along the US 371/I-20 corridors, including all interchange ramps

Key Personnel: **Ronald J. Riggan, II, P.E., P.L.S.** | **Randy C. Hammons, P.E.** | **James S. Ellingburg, P.E., L.S.I** | **Noah J. Sampognaro, P.E., L.S.I**



17. Firm Experience:

Firm name	Lazenby & Associates, Inc.		Discipline(s)*		Survey	
Project name	I-20 Widening/Overlay (Vancil Rd to LA 34)				Firm responsibility (prime or sub?)	Prime
Project number	S.P.N. H.015052	Owner's name	Louisiana Department of Transportation and Development			
Project location	Ouachita Parish			Owner's Project Manager	Steve A. LeBlanc, P.L.S.	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804-9245 Telephone (225) 379- 1292 email: Steve.LeBlanc2@la.gov					
Services commenced by this firm (mm/yy)		5/2022	Total consultant contract cost (\$1,000's)			393.9
Services completed by this firm (mm/yy)		1/2023	Cost of consultant services provided by this firm (\$1,000's)			393.9

Lazenby & Associates, Inc. is the prime consultant on this project, performing topographic surveying services within the existing I-20 ROW for existing interstate widening & overlay. Approximately 20,815 feet (3.94 mi) along I-20 (urban interstate) thru West Monroe, LA is included in the topographic survey limits, including portions of 3 urban principal arterial and 1 urban major collector interchanges/overpasses.

Static/RTK GPS survey methods were used to establish horizontal and vertical control for the field survey. Conventional survey methods using total stations and digital levels were used to collect the topographic survey data for the project. In addition, 3D LIDAR point clouds were collected using both stationary terrestrial tripod mounted scanner and mobile scanning. Topographic features were extracted from the 3D point cloud such as hard surface pavement, bridge structures, traffic signs, overhead truss sign supports, guardrails, and existing traffic lighting. 360 camera images collected with the mobile LIDAR and georeferenced aerial imagery were used to assist with the QA/QC validation of the topographic survey. In addition to the collection of topographic survey features, other surveying services include the establishment of referenced iron rods along the project to define the GPS control, locating and research of ownership of all utilities within the limits of the topographic survey using LA One Call and preparation of an existing drainage map of the project area. An existing DTM was developed using surface elevations collected and existing alignments were calculated along the I-20 corridor, interchanges and overpasses.

Key Personnel: **Ronald J. Riggan, II, P.E., P.L.S.** | **Randy C. Hammons, P.E.** | **James S. Ellingburg, P.E., L.S.I** | **Noah J. Sampognaro, P.E., L.S.I**



17. Firm Experience:				
Firm name	Lazenby & Associates, Inc.		Discipline(s)*	Survey
Project name	Retainer Contract for Professional Surveying Services			Firm responsibility (prime or sub?) Prime
Project number	4400012667	Owner's name	Louisiana Department of Transportation and Development	
Project location	Statewide, LA		Owner's Project Manager	Carl Hultgren, P.L.S., C.H.
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804-9245 Telephone (225) 379-1723 email: Carl.Hultgren@la.gov			
Services commenced by this firm (mm/yy)	07/18	Total consultant contract cost (\$1,000's)		\$367.6
Services completed by this firm (mm/yy)	07/23	Cost of consultant services provided by this firm (\$1,000's)		N/A

Lazenby & Associates, Inc. was the Prime Consultant on this project. This project consisted of 25 Task Orders to perform Topographic Surveys, Property Surveys and Right-of-Way Maps for various LaDOTD Projects in North Louisiana.

All work performed on this project was performed out of our West Monroe office using Louisiana residents.

This contract included 25 Task Orders. Some of the task orders performed under this contract include the following:

Task Order No.	Description	Location	Amount	Time Frame & Personnel
H.012798.5	LA 594: Roundabout at Rowland Road Property Surveys & ROW Maps	Ouachita Parish	\$14,851	Aug., 2018 – June, 2019 Paul D. Fryer, P.E., P.L.S. Ronald J. Riggan, II, P.E., P.L.S.
H.007300.5/ H.004774.5	Kansas Lane – Garrett Road Topographic Survey, Property Surveys & ROW Maps	Ouachita Parish	\$99,292	Jan., 2019 – Sept., 2019 Paul D. Fryer, P.E., P.L.S. Ronald J. Riggan, II, P.E., P.L.S.
H.000169.6	Missouri Pacific Railroad Bridge at Sicard Road Property Surveys & ROW Maps	Ouachita Parish	\$4,230	Sept., 2019 – Sept., 2019 Paul D. Fryer, P.E., P.L.S. Ronald J. Riggan, II, P.E., P.L.S.

Key Personnel: **Jerry G. Lazenby, P.E., P.L.S. | Ronald J. Riggan, II, P.E., P.L.S. | Paul D. Fryer, P.E., P.L.S.**

17. Firm Experience:

Firm name	Civil Design & Construction, Inc.		Discipline(s)*		Survey	
Project name	US 165 Lighting				Firm responsibility (prime or sub?)	Sub
Project number	H.014302.5	Owner's name	Louisiana Department of Transportation and Development			
Project location	Ouachita Parish, LA			Owner's Project Manager	Michael A. Armentor, P.E.	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802/225-379-1088/Michael.Armentor@la.gov					
Services commenced by this firm (mm/yy)		09/20	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)		02/21	Cost of consultant services provided by this firm (\$1,000's)			\$144

Project Description: This project performed topographic survey utilizing both traditional means and methods as well as 3D terrestrial scanning in Ouachita Parish. The project began at the intersection of Charleston Drive and US 165 and continued North until the intersection of La 15 and US 165. The survey limits extended 500 feet from the intersection of US 165 and the major side street along LA 15, Ticheli Rd, Dellwood Dr., Richwood Road 1/Martin Luther King Dr., and Richwood Road 2. This project is approximately 4 miles in length.

CD&C's Role: CD&C's role was to provide a limited topographic survey specifically for electrical lighting design. In addition, since most of the project limits are wide, the topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Specified project limits to include the area between the established apparent right-of-way for the width of the project.

Members Involved: Karla Weston, PE | Christopher Ballard, PLS | Scott Benton | Jake Stoehr



17. Firm Experience:

Firm name	Civil Design & Construction, Inc.		Discipline(s)*		Survey	
Project name	LA 317 - Wax Lake B				Firm responsibility (prime or sub?)	Sub
Project number	H.014824.5	Owner's name	Louisiana Department of Transportation and Development			
Project location	St. Mary Parish, LA			Owner's Project Manager	Adam Fields (Stanley Consultants)	
Owner's address, phone, email	700 Main Street Baton Rouge, LA 70802 / 225-387-2422 / FieldsAdam@stanleygroup.com					
Services commenced by this firm (mm/yy)		12/24	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)		04/25	Cost of consultant services provided by this firm (\$1,000's)			\$162

Project Description: CD&C was a sub-consultant on this project and was responsible for a complete topographic survey, utility coordination with utility companies to mark or provide record drawings and to provide an existing drainage map to LADOTD Location and Survey standards. The survey started 1.60 miles south of the intersection of La 317 and US 90. The survey continued along US 90 for 2.3 miles north of the intersection of La 182. The width of the survey was five feet behind the right of way to the apparent right of way of all crossing streams, canals, and 500 feet from any drainage structure.

CD&C's Role: The scope of work consists of providing a complete topographic survey. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.

Members Involved: Karla Weston, PE | Madison Mills, PLS | Chancey Cothren LSI | Scott Benton | CJ Goodspeed | Jake Stoehr | Drennon Humphreys | Alex Wells | Hunter Smith



17. Firm Experience:

Firm name	Civil Design & Construction, Inc.		Discipline(s)*		Survey	
Project name	Verot School Road				Firm responsibility (prime or sub?)	Sub
Project number	H.011235	Owner's name	Louisiana Department of Transportation and Development			
Project location	Lafayette, LA			Owner's Project Manager	Thomas Gattle (Huval & Assoc.)	
Owner's address, phone, email	922 W. Point Des Mouton Rd., Lafayette, LA 70507/337-234-3798/tgattle@huvalassoc.com					
Services commenced by this firm (mm/yy)		08/16	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)		On-Going	Cost of consultant services provided by this firm (\$1,000's)			\$435

Project Description: This project is located in Lafayette Parish between Lafayette Regional Airport and Broussard, LA. The project is for the proposed widening of US 90/I-49 South and realignment of Verot School Road. A topographic survey was performed along the entire proposed route as well as an existing drainage map. This included a complete topographic survey of all utilities with depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits. Also, CD&C was required to coordinate with the topographic survey of the adjacent I-49 Connector project and include required portions of the I-49 Connector project with the survey of this project.

CD&C's Role: CD&C performed a complete topographic survey of the project site by using 3D Terrestrial Scanning in conjunction with traditional means to complete the survey. Control was set for the scanning throughout the project limits. Coordination with Cardno, Inc. (Team member) was necessary for the location of all utilities in the project area. CD&C also coordinated with all the property owners for access to the properties and also meet with safety advisors for the industrial business that were impacted. The survey included coordination with the ongoing I-49 Connector project and merging of that survey to the CD&C survey in order to make a complete project for the area. CD&C also researched and compiled existing right of way linework for the prime consultant to use for exhibits for the project. In order to complete the survey CD&C also had to coordinate with BNSF railroad for access to BNSF's rail.

Members Involved: Karla Weston, PE | Christopher Ballard, PLS | Madison Mills, PLS | Jacob Stoeher | Scott Benton



17. Firm Experience:				
Firm name	Vectura Consulting Services, LLC		Discipline(s)*	Traffic
Project name	US 11 (Front St.) at US 190 Bus. (Fremaux Ave.) Traffic Study			Firm responsibility (prime or sub?) Sub
Project number	N/A	Owner's name	City of Slidell	
Project location	Slidell, LA		Owner's Project Manager	Eric Lundin
Owner's address, phone, email	250 Bouscaren St. Slidell, LA 70458, 985-646-4320, elundin@cityofslidell.org			
Services commenced by this firm (mm/yy)	09/2017	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	11/2017	Cost of consultant services provided by this firm (\$1,000's)		\$38.8

Vectura was hired as a sub-consultant to the prime consultant to perform a traffic study for the City of Slidell as part of improvements to the intersection of US 11 (Front St.) at US 190 Bus. (Fremaux Ave.). The goal of the study was to determine if a pedestrian crossing and pedestrian traffic signal heads were warranted. To conduct the pedestrian study, the following tasks were performed by Vectura:

Data Collection

- AM and PM peak hour turning movement counts for five intersections
- AM / PM peak 15-minute turning movement counts for 10 driveways on Fremaux Ave.
- 24-hour traffic approach volumes, speed data, crash history and sight distance for the intersection of US 190 Bus. (Fremaux Ave.) @ US 11 (Front St).
- Weekday and weekend pedestrian counts for the intersection of US 190 Bus. (Fremaux Ave.) @ US 11 (Front St).

Draft Traffic Study

This task included a Crosswalk Traffic Study for US 190 Bus. (Fremaux Ave.) @ US 11 (Front St.) as Per DTOE, Traffic Engineering Manual (TEM) Section 3B.2.9, Section 20.2 & EDSM VI.3.1.6 Section 6.

This task included the following elements:

- Developed three-year crash analyses
- Performed pedestrian crosswalk warrants as per TEM Section 3B.2.9
- Performed Vistro and HCS analyses for AM and PM Peak existing conditions, Implementation and design year conditions. The analyses included intersection and segment levels of service as well as signal timing and progression for the five intersections.
- Developed traffic study and electronic files. The Study documented how traffic will be routed with the proposed median on Fremaux Ave., the impacts to Front St., and conflict analysis for the crosswalks and pedestrian heads.



Personnel Utilized on this project: Brin Ferlito | Laurence Lambert

17. Firm Experience:				
Firm name	Vectura Consulting Services, LLC		Discipline(s)*	Traffic
Project name	I-10 ITS Scott to Lake Charles		Firm responsibility (prime or sub?)	Sub
Project number	H.013256.5	Owner's name	Louisiana Department of Transportation and Development	
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 (mm/yy)	01/21	Total consultant contract cost (\$1,000's)		unknown
Services completed by this firm (mm/yy)	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
- Ppublic information strategies

Personnel Utilized on this project: Laurence Lambert | Brin Ferlito | Reece Rodrigue | Kristen Farrington

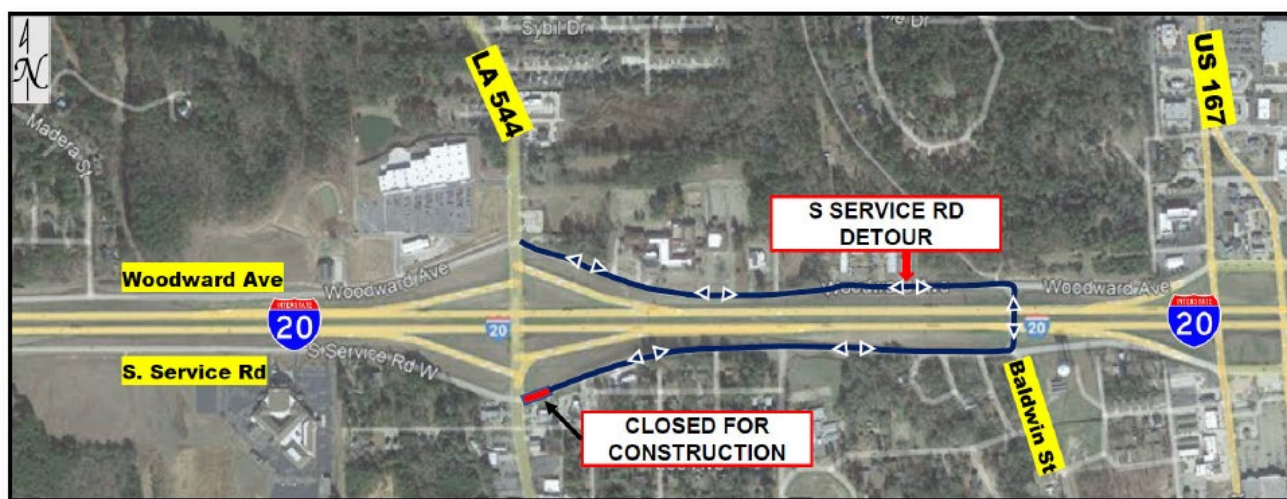
17. Firm Experience:

Firm name	Vectura Consulting Services, LLC		Discipline(s)*		Traffic		
Project name	I-20: LA 544 Overpass Replacement				Firm responsibility (prime or sub?)		Sub
Project number	H.010616	Owner's name	Louisiana Department of Transportation and Development				
Project location	Baton Rouge, LA			Owner's Project Manager		Jacob Fusilier	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1185, Jacob.Fusilier@la.gov					
Services commenced by this firm (mm/yy)		04/23	Total consultant contract cost (\$1,000's)				Unknown
Services completed by this firm (mm/yy)		10/23	Cost of consultant services provided by this firm (\$1,000's)				\$131.973

Vectura performed a Level 2 **Traffic Management Plan (TMP)** that included the following activities:

- Preliminary and final traffic studies
- Temporary and final traffic signal plans
- Traffic Management Plan (TMP)
 - 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.

Personnel Utilized on this project: Laurence Lambert | Brin Ferlito | Reece Rodrigue | Kristen Farrington



18. Approach and Methodology:

Modjeski and Masters, Inc. (M&M) has been performing bridge and electrical engineering services for LADOTD for over 70 years which has included bridge preservation and roadway improvement projects, routine/emergency inspections and construction engineering and inspection projects as well as specialized services such movable bridge replacements/rehabs, vessel collision analysis, bridge instrumentation/monitoring, pier protection and roadway lighting. M&M will serve as the Prime Consultant in charge of project management and is well suited for this role based on our extensive portfolio of performing Electrical Services for LADOTD throughout the state of Louisiana, along with **our long history of administering previous electrical services IDIQ contracts and task orders for the LADOTD.**

This contract will be managed out of M&M's Louisiana Regional Business Unit, located in New Orleans. **Cullen J. Ledet, PE, Vice President and Director of the Louisiana Regional Business Unit, will serve as the Contract Manager** having served in this role for the previous IDIQ Contracts with the LADOTD. He has extensive knowledge of current LADOTD contractual and design procedures/policies. He will work closely with **Ms. Agnes Fung, Contract Manager for LADOTD**, on all contractual matters related to this IDIQ contract for the full duration of the contract time. It is fully understood that all task orders must be completed by the termination date of the IDIQ contract. **Jonathan E. Gerhart, PE, Senior Project Manager will serve as the project manager for task orders executed under this contract.**

M&M has strategically assembled a **highly qualified team** capable of handling and delivering all major work tasks which may be assigned to this IDIQ contract. As indicated in the Organizational Chart in Section 14 along with the resumes in Section 16, M&M's Team has a highly experienced staff with extensive LADOTD experience in performing electrical and roadway lighting design, along with structural, geotechnical, surveying, and traffic services. M&M has a long history of successfully teaming with our sub-consultants, particularly on previous LADOTD projects. **This project team provides the flexibility, resources and bench strength to remain committed to providing high quality capacity for a minimum of three task orders concurrently active at any given time during the contract.**

Design Phase

Upon task order assignment, M&M will submit a scope of work and estimated hours within two weeks of the LADOTD Project Manager's request. If needed, subconsultants will be consulted during the proposal phase to obtain their requirements and hours and will be included in the overall proposal submitted by M&M.

After receiving the NTP, M&M will lead a design kickoff meeting and initial site visit. All stakeholders, including LADOTD personnel, local government, utilities, and subconsultants, will be invited. During the kickoff, M&M will present the project summary, gather local preferences on lighting design and equipment, and establish the project schedule. At the initial site visit, existing field conditions will be investigated and existing equipment affected by the project will be identified. M&M will prepare and distribute meeting minutes for the kickoff and initial site visit.

After the kickoff meeting, M&M will develop a lighting design schedule aligned with the planned letting date and confirm it with the LADOTD task and project managers. Throughout the design phase, M&M will conduct additional meetings and site visits as outlined in the task order and submit monthly progress reports.

Following the initial site visit, the design team will obtain available As-Built drawings from the local Parish, City/Town, or LADOTD headquarters. If the task order requires a survey, one of our subconsultants will conduct a full survey identifying existing electrical equipment, utilities, traffic signals, roadway signs, and relevant geographic features. Preliminary roadway plans from the designers will guide equipment placement and identify items for removal or relocation. If specified, M&M will develop a lighting design concept outlining the project approach, proposed lighting locations (including future provisions), and existing equipment to remain. This concept will be submitted to the LADOTD task manager for approval prior to photometric analysis and plan development.

Once the design concept is finalized, M&M will perform a preliminary photometric analysis using Visual lighting software. Calculation zones and proposed light pole locations will be based on the preliminary roadway geometry and designed to meet ANSI/IES RP-8 and LADOTD Highway Lighting Design Guide standards. For existing lighting to remain, IES files will be used to model proposed luminaires with a light loss factor (LLF) of 0.7. Calculation zones will reflect lighting needs across all roadway types, including interstates, ramps, roundabouts, and intersections. Pole placement and height will comply with LADOTD and AASHTO clearance standards.

Following the completion of the lighting system design, pole locations will be reviewed for FAA compliance. M&M will prepare a photometric report that includes layout sheets with station-numbered pole locations and calculation zones showing foot-candle levels. The report will also contain a statistics sheet summarizing average illuminance and uniformity ratios per zone, design criteria, and luminaire cutsheets. Photometric analyses will be updated as needed to reflect design changes or review comments, with reports submitted at each stage beginning at the 60% Final Plans.

Lighting plan development typically begins during final design to minimize rework from changes in the roadway geometry during the preliminary phases. M&M will obtain final DGN files from the roadway designer to develop lighting plan sheets. Plan sets begin with Electrical General Requirements, outlining scope, coordination, submittals, identification, and testing. This is followed by schedules for conduits, luminaires, and quantities. If applicable, removal sheets will identify equipment to be removed and specify removal and disposal methods. Removal quantities will be based on LADOTD standard pay items. Lighting layout sheets will overlay electrical equipment onto roadway plans to show proposed locations for light poles, junction boxes, conduits, ducts, and service points. Riser diagrams will illustrate pole-to-controller connections and conduit routing. Electrical schematics will detail wiring from service conductors to photocontrol devices and lighting circuits. Relevant LADOTD Roadway Lighting (RL) details will be updated and incorporated into the plans.

Additional details will be provided for items not covered by standard LADOTD RL specifications. If light poles or future provisions are to be installed in concrete median barriers, foundation details showing electrical equipment at each pole location will be included.

Detailed technical specifications will supplement standard specs and include descriptions of all required electrical equipment, two approved manufacturers, and pay item numbers. A Transportation Management Plan (TMP) will be prepared as required in EDSM No. VI.1.1.8. MicroStation DGNs will be processed through CadConform and uploaded to ProjectWise with indexed attributes. Plan sets and ControlCAD reports will be submitted at each stage, starting at 30% Final Plans. Between submissions, M&M will coordinate with other designers to resolve cross-discipline issues, including pole foundation spacing on barriers and bridges, sign placement conflicts, and utility interference.

In parallel with plan development, M&M will perform electrical calculations to size and rate new equipment. Circuit calculations will determine wire sizing based on load, conductor type, overcurrent protection, conductor capacity, and ambient temperature, in accordance with the NEC. Voltage drop will be calculated using NEC impedance formulas, with conductors upsized to maintain a maximum 5% drop. Conduit fill calculations will be

performed to verify the LADOTD's 25% maximum fill requirement not exceeded. Short circuit calculations will establish minimum breaker interrupting ratings, which will be noted in equipment descriptions. A preliminary arc flash analysis will be conducted using SKM software in accordance with NFPA 70E. Structural calculations will also be performed to design low mast pole foundations per BDTM 107.

Cost estimates will be prepared for each submission starting at the 60% Final Plans stage. Estimates will be organized by control sections and LADOTD standard pay items. Item costs will be based on recent bid prices from prior LADOTD lighting projects and historical industry data. If previous bids are insufficient, additional research will be conducted to ensure reliable estimates.

All submission materials undergo thorough QA/QC review following M&M and LADOTD standards. A Design Checker, independent from the Designer, reviews all plans, calculations, photometric reports, and cost estimates. Corrections are backchecked by the Designer and Detailer and verified by the Checker. In addition to this process, M&M will conduct a field verification site visit to support design review. These steps ensure high-quality, accurate submissions. M&M will submit signed QA/QC Certification Forms "Appendix D" and "Appendix I" from the team leader and design team.

During bidding, M&M will support LADOTD by responding to contractor questions posted in Falcon. If plan revisions are needed, M&M will update drawings according to LADOTD standards, mark changes with a revision bug, and revise related photometric reports, electrical calculations, technical specifications and cost estimates. After bid opening, M&M will analyze contractor pricing by pay item, compare it to the design estimate, and report significant discrepancies to the LADOTD Project Manager. Once the analysis is complete, the design phase will be closed out and final invoice submitted.

Construction Phase

At the start of construction, M&M will lead the lighting portion of the pre-construction kickoff meeting. M&M will address any initial contractor lighting questions and outline the lighting submittal review process. Meeting minutes will be prepared and distributed afterward.

M&M will review submittals promptly in accordance with LADOTD Standard Specifications. Submittal logs will be used to track receipt, return status, approval rates, and item progress. Submittals will be checked for design compliance and proper formatting, including absence of highlighting, required stamps and item numbers. Submittals will be stamped accepted or returned for corrections, with comments clearly marked in red to identify issues.

M&M will review and respond to contractor RFIs during construction. If an RFI leads to a change order, all affected documents will be revised accordingly. Change order plans will follow LADOTD procedures, with all revisions marked using the triangular change order bug.

Throughout construction, M&M will conduct milestone-based field visits, as outlined in the task order, to monitor progress and address construction issues. These visits allow M&M to identify and resolve problems before the next phase begins. Each visit will be followed by a report detailing progress and any required contractor actions.

To finalize the arc flash analysis, M&M will request utility service data, final conductor lengths, and routing from the contractor. Using this information, M&M will finalize the analysis and provide labeling details per NFPA 70E. The contractor will then prepare, submit, and install the arc flash labels following review.

When notified of construction completion, M&M will conduct a pre-final acceptance inspection to verify proper equipment installation and functionality. A punch list will be issued, and once resolved, M&M will conduct a final acceptance visit for confirmation.

M&M will review the Contractor's O&M Manual to confirm that equipment details match installed components, and that As-Built drawings accurately reflect construction changes and field conditions. The manual will then be turned over to the local entity responsible for maintaining the lighting system. Project closeout will occur once all documents are uploaded to ProjectWise and final invoicing is complete.

TYPICAL LIGHTING DESIGN & CONSTRUCTION TASK ORDER PROJECT SCHEDULE

ACTIVITY	Task Order Months																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Design Services																								
Design Task Order Project Scoping & Fee Negotiations																								
Design Task Order NTP Issued																								
Design Kickoff Meeting & Initial Site Visit																								
Lighting Design Schedule																								
Topographic Survey																								
As-Built Data Collection																								
30% Final Design Development																								
DOTD Review																								
Preliminary Photometric Analysis																								
Technical Special Provision Development																								
FAA Compliance Verification																								
Cost Estimate																								
60% Final Design Development																								
Electrical Calculation Development																								
Traffic Management Plan Development																								
95% Final Design Development																								
Advance Check Print Review Meeting																								
98% Final Design Development																								
100% Final Design Development																								
Construction Support																								
Construction Task Order Scoping & Fee Negotiations																								
Construction Task Order NTP Issued																								
Pre-Construction Kickoff Meeting																								
Review & Address Request for Information (RFI's)																								
Review Shop Drawings & Equipment Submittals																								
Site Inspections																								
Final Arc Flash Analysis																								
Pre-Final & Final Inspections																								
O&M & As-Built Review																								
Review Construction Submittals																								

Start after 95% Design

Construction Duration TBD

19. Workload:				
Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
	Bridge	JN 3144	Expert witness services in bridge design, construction, repair and forensic analysis	\$195,996
		Retainer Contract 4400005395	Construction Engineering and Inspection with Painting - Statewide	
	Other (Roadway Lighting)	H.004791	Subconsultant: Belle Chasse B7T Replacement P3 - Electrical and Structural	\$7,429
		IDIQ Contract 4400017263	Bridge Preservation Statewide	
	Bridge	Contract 44-29193 H.004100.5/H.004100.6	Subconsultant: LA 415 to Essen Lane on I-10 and I-12 Segment 1 Task 2	\$104,420
	Bridge	Contract 44-21128 H.014258	Subconsultant: LA 1: Port Allen Canal Bridge Replacement - Phase 2 CRES	\$481,388
		IDIQ Contract 4400020063	Electrical Services Statewide	
	Other (Roadway Lighting)	H.014646	I-20: US 165 to Garrett Road Lighting	\$31,927
	Other (Roadway Lighting)	H.014555.5	I-10 at LA109 Interchange Lighting (Toomey)	\$91,676
	Other (Roadway Lighting)	H.015019.5	I-10 at LA3063 Interchange Lighting (Vinton)	\$103,956
	Other (Roadway Lighting)	H.015085.5	I-10 @ LA108 Interchange (Vinton) Lighting	\$102,759
	Other (Roadway Lighting)	H.012889.6	I-20 Bossier City Lighting (Pines Rd to I-220) (CRES C1)	\$115,398
	Other (Roadway Lighting)	H.003184.6	I-10: Texas State Line - E. of Coone Gully Lighting (CRES C1)	\$62,103
	Bridge	Contract 44-20156 H.011965.6	Subconsultant: LA 47 IWGO Bridge Rehab CRES	\$83,344
		IDIQ Contract 4400024187	Bridge Preservation Statewide	
	CEI/OV	H.003144.6 - Task Order 3	MRB (Luling) CEI of Latent Defects	\$4,293
	Bridge	H.015115.5 - Task Order 2	LA 24 over ICWW Repair	\$6,321
	Bridge	H.011137.6 - Task Order 5	I-12: LA 1077 to LA 21	\$108,195
	Bridge	H.000263.5 - Task Order 4	LADOTD Chef Menteur Pass Br Rehab Scoping	\$54,296



Other (Roadway Lighting)	H.015504.6 - Task Order 6	CCC Decorative Lighting	\$6,625
Bridge	H.002980.6 - Task Order 9	I-10 Overpass Over US 165 & MP RR	\$56,947
Bridge	H.014998.6 - Task Order 10	West Larose Lift Bridge Rehabilitation - Final Design	\$37,906
Bridge	H.014998.6 - Task Order 11	West Larose Lift Bridge Rehabilitation - CRES Close Out	\$66,421
Bridge	H.015826.5 - Task Order 12	I-20 Vicksburg Span Jacking	\$45,024
Bridge	H.001271.5 - Task Order 13	Cane River Bridge Navigation Lights	\$187,252
Bridge	H.014609.1 - Task Order 14	Cameron Ferry Landing Replacement	\$219,863
Bridge	H.004647.6 - Task Order 15	I-20: MRB Geotechnical and Structural - Vicksburg Monitoring	\$145,440
Bridge	H.010882.6 - Task Order 16	4th Street Close-out Continuation CRES	\$21,123
Bridge	H.011705 - Task Order 17	US 11 Rehabilitation Close-out Continuation CRES	\$9,545
Bridge	H.014465.5 - Task Order 20	Vermillion River Bridge (Perry Bridge Rehab 2025 - Add Scope)	\$16,026
Bridge	H.015115.6 - Task Order 19	LA 224 at ICWW Girder Repair CRES	\$68,450
Bridge	Contract 44-05673 H.011235.5	Subconsultant: I-49 South @ Verot School Road	\$2,979
Bridge	Contract 44-05673 H.011235.5	Subconsultant: I-49 South @ Verot School Road (Supplement 5)	\$290
	IDIQ Contract 4400021593	Bridge Load Rating Services Statewide	
Bridge	H.009859.5 - Task Order 1	Bridge Load Rating	\$386,868
Bridge	H.009859.5 - Task Order 2	Load Rating of 10 Statewide Bridges	\$1,377,271
Bridge	Contract 44-22581 H.011221.5	I-10: N.O. CBD3 (Poydras - Louisa)	\$40,487
Bridge	Contract 44-22581 H.011222.5	I-10: N.O. CBD4 (Louisa - I510)	\$277,701
	IDIQ Contract 4400027614	Painting Inspection and Environmental Monitoring with Construction Engr and Inspection - Statewide	
CEI/OV	H.011487.6	LA 182: Berwick Bay Bridge Rehabilitation	\$1,475,874
	IDIQ Contract 4400027651	Bridge Load Rating Services - Statewide	
Bridge	H.009859.5	Bayou Barataria - Limited Rehabilitation	\$39,030

		IDIQ Contract 4400029685	IDIQ for In-Depth Bridge Inspection Statewide	
	Bridge	H.009730.5 (Task Order 1)	Complex Inspection - Structural, Mechanical, Electrical LA 56 and LA 661	\$11,057
	Road	4400030630, H.015724.5	Kings Hwy: Healthcare & Dev. Corridor, Caddo Parish	579,060
	Road	H.001779	Jimmie Davis Bridge (LA511) Design Build	177,748.97
	Geotech	4400017033/H.005121.5	LA1/LA415 Connector	\$1,832,444
	Geotech	4400019015/H.015015.5	Zeagler Cutoff Over Creek	\$1,965
	Road	4400010428 H.004774.5 (L&A, Inc. 17E051.00)	Kansas-Garrett Connector & I-20 Improvements, Ouachita Parish (Road Design-Urban & Rural Design-Controlled Access) (88% Complete)	\$238,180
		4400026026 (L&A, Inc. 23E055.00)	IDIQ Contract for Roadway Design Safety Statewide	N/A
	Road	Task Order No. 1 S.P.N. H.009837.5 (L&A, Inc. 23E055.01)	LA 64: Roundabout @ LA 1019 Routes: LA 1019, LA 64 Livingston Parish (60% Complete)	\$124,968
	Road	Task Order No. 2 S.P.N. H.015231.5 (L&A, Inc. 23E055.02)	US 80 Roundabout @ US 80, LA 15 & LA 546 Routes: US 80, LA 15 & LA 546 Ouachita Parish (21.6% Complete)	\$243,978
	Road	Task Order No. 3 S.P.N. H.016037.5 (L&A, Inc. 23E055.03)	LA 1138-1 & LA 1138-2: Corridor Improvements Calcasieu Parish	\$371,050
	Road	Task Order No. 4 S.P.N. H.015615.5 (L&A, Inc. 23E055.04)	LA 14: Roundabout @ Corbina Road Route: LA 14 Calcasieu Parish	\$331,861
		4400026913 (L&A, Inc. 23E088.00)	IDIQ Contract for the Design of Safety Projects with Majority of Work in District 04, 05& 58, Statewide	N/A
	Road	Task Order No. 1 S.P.N. H.015200.5 (L&A, Inc. 23E088.01)	East Street & Parkview Drive Sidewalk (Monroe) Ouachita Parish (75.50% Complete)	\$71,682
	Road	Task Order No. 2 S.P.N. H.016208.5 (L&A, Inc. 23E088.02)	Shephard St. Sidewalks (Minden) Webster Parish	\$4,000
	Road	Task Order No. 4 S.P.N. H.016190.5 (L&A, Inc. 23E088.04)	LA 4 & US 167: Sidewalks (Jonesboro) Jackson Parish	\$1,000



Road	Task Order No. 5 S.P.N. H.016192.5 (L&A, Inc. 23E088.05)	US 425 & Arkansas St. Sidewalks (Ferriday) Concordia Parish	\$2,025
Road	Task Order No. 6 S.P.N. H.016258.5 (L&A, Inc. 23E088.06)	Local Road Striping & Signing (Monroe) Ouachita Parish	\$640
Road	Task Order No. 7 S.P.N. H.016259.5 (L&A, Inc. 23E088.07)	Local Road Signal Improvements (Monroe) Ouachita Parish	\$150
Road	4400031585 (L&A, Inc. 25E051.00)	IDIQ Contract for Pavement Preservation Design Service - Statewide with Majority of Work in District 05	N/A
Road	Task Order No. 1 S.P.N. H.015868.5 (L&A, Inc. 25E051.01)	LA 507: Bienville P/L to LA 815 Lincoln Parish (93.25% Complete)	\$12,103
Bridge	4400025025 (L&A, Inc. 22E048.00)	Infrastructure Investing & Jobs Act (IIJA) Off-System Bridge Program – District 05 (13 Off-System Bridge Structures) (85% Complete)	N/A
Bridge	2. H.015462.5 (L&A, Inc. 22E048.12)	Pilgrim Rest Church Road Over Steep Bank Creek Union Parish Off-System Bridge (90.92% Complete)	\$17,812
Bridge	3. H.015461.5 (L&A, Inc. 22E048.11)	Firetower Road Over Rock Creek Union Parish Off-System Bridge (90.96% Complete)	\$18,012
Bridge	4. H.015454.5 (L&A, Inc. 22E048.04)	Keppler Creek Road Over Sugar Creek Jackson Parish Off-System Bridge (90.56% Complete)	\$16,000
Bridge	5. H.015455.5 (L&A, Inc. 22E048.05)	Spring Creek Road Over Wafer Creek Lincoln Parish Off-System Bridge (88.07% Complete)	\$18,312
Bridge	6. H.015457.5 (L&A, Inc. 22E048.07)	Olen Hughes Road Over Bayou Bonne Idee Morehouse Parish Off-System Bridge (92.77% Complete)	\$15,181
Bridge	7. H.015458.5 (L&A, Inc. 22E048.08)	Oscar Lum Road Over Williamson Creek Morehouse Parish Off-System Bridge (81.49% Complete)	\$11,963
Bridge	8. H.015337.5 (L&A, Inc. 22E048.01)	Mineral Springs Road Over Clark Creek Ouachita Parish Off-System Bridge (88.01% Complete)	\$18,312
Bridge	9. H.015459.5 (L&A, Inc. 22E048.09)	Lapine Road Over Rogers Creek Ouachita Parish Off-System Bridge (97.37% Complete)	\$4,750
Bridge	10. H.015460.5 (L&A, Inc. 22E048.10)	Little Road Over Creek Richland Parish Off-System Bridge (97.63% Complete)	\$4,750
Bridge	11. H.015453.5 (L&A, Inc. 22E048.03)	Hale Road Over Alligator Bayou West Carroll Parish Off-System Bridge (93.52% Complete)	\$24,246
Bridge	12. H.015456.5 (L&A, Inc. 22E048.06)	Hodge Road Over Cypress Bayou Madison Parish Off-System Bridge (72.80% Complete)	\$44,348



Bridge	13. H.015452 (L&A, Inc. 22E048.02)	Henderson Loop Road Over Wildcat Bayou East Carroll Parish (Authorized) (1.75% Complete)	\$147,615
Bridge	4400021887 (L&A, Inc. 21E071.00)	Contract for Replacement of Fifteen (15) Bridges, Multiple State Project Number, District 08 (35% Complete)	N/A
Bridge	H.012047 (L&A, Inc. 21E71.01)	US 167 Bridge & US 167 Bridge Relief Over Big Creek. Winn Parish	\$281,903
Bridge	H.012542 (L&A, Inc. 21E071.02)	LA 114 Bridge Over Belle Deau Bayou LA 107 Bridge Over Bayou Jack Relief Avoyelles Parish	\$223,694
Bridge	H.012543 (L&A, Inc. 21E071.03)	LA 8 Bridge Over Big Creek Grant Parish	\$100,475
Bridge	H.012544 (L&A, Inc. 21E071.04)	LA 120 Bridge Over Creek LA 120 Bridge Over Bayou Scie Relief No. 1 LA 120 Bridge Over Bayou Scie Relief No. 2 LA 120 Bridge Over Bayou Scie LA 120 Bridge Over Bayou Scie Relief No. 3 LA 474 Bridge Over Midkiff Creek Sabine Parish (Work stopped 10/10/2025)	\$356,223
Survey	4400019714 (L&A, Inc. 20S038.00)	IDIQ Contract for Hydrographic Surveying Services – Statewide with Majority of Work in Districts 04, 05, 08 & 58 (50.31% Complete) No Active Task Orders At This Time (T.O. #10 – 100% Complete) (Expires in 10/2025)	N/A
Survey	4400021972 (L&A, Inc. 21S063.00)	IDIQ Contract for Topographic Surveys (None – NHS Surveys) (51% Complete)	N/A
Survey	4400027916 (L&A, Inc. 24S014.00)	IDIQ Contract for Professional Boundary Surveying Services – Statewide with Majority of Work in Districts 04 & 05 (0.05% Complete)	N/A
Survey	Task Order No. 2 S.P.N. H.009837.5 (L&A, Inc. 24S014.02)	LA 64: Roundabout @ LA 1019. Livingston Parish (30% Complete)	\$38,283
Survey	4400027917 (L&A, Inc. 24S015.00)	IDIQ Contract for Professional Boundary Surveying Services – Statewide with Majority of Work in District 08 & 58 (30.49% Complete)	N/A
Survey	Task Order No. 1 S.P.N. H.004825.5 (L&A, Inc. 24S015.01)	LA 28: Widening: LA 3128 to LA 116 Rapides Parish (48% Complete) (On Hold)	\$150,908
Survey	4400027735 (L&A, Inc. 23E099.00)	I-69 Frontage Road Connector Caddo Parish	N/A
Survey	S.P.N. H.005184 (L&A, Inc. 23E099.01)	Stonewall Fryerson to Ellerbe Road Caddo Parish (10.07% Complete)	\$853,543

	Survey	4400027687 (L&A, Inc. 24E052.00)	IDIQ Contract for Hydrographic Surveying Services. Statewide (North Region)	N/A
	Survey	Task Order No. 1 S.P.N. H.008768.5 (L&A, Inc. 24E052.01)	Hydrographic Surveying Monitoring (North Region) (86% Complete)	\$9,864
	Survey	4400022582 (L&A, Inc. 21S075.00)	Contract to replace 8 Bridges in District 04 and 05 - Sub-Consultant to Stantec, Inc.	N/A
	Survey	S.P.N. H.012011.5 (L&A, Inc. 21S075.01)	Topographic Survey LA 525 Bridge Over Boggy Bayou (Recall No. 014970 & LA 173 Bridge Over Creek (Recall No. 014730) Caddo Parish (50% Complete)	\$65,758
	Survey	4400022901 (L&A, Inc. 22S015.00)	Contract to replace 2 Bridges in Caddo Parish Sub-Consultant to Stantec, Inc.	N/A
	Survey	S.P.N. H.012005.5 (L&A, Inc. 22S015.02)	Topographic Survey US 80 Bridge Over KCS Railroad, Caddo Parish	\$193,285
	Survey	4400027093/H.014041	LA 92 ROW Maps	\$60,342
	Survey	4400026026; H.016037	LA 1138-1 & LA 1138-2	\$371,329
	Traffic	4400005484 H.005168.2	New Orleans Rail Gateway Avondale EA	\$57,644
	CE&I/OV	4400020018 H.007160	EBR Computerized Traffic Signal, Ph VB	\$28,737
	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	\$11,202
	Traffic	4400021519 H.012030.5	KCS RR Overpasses HBI	\$572
	Traffic	4400023075 H.013522	S. Lewis Street Widening	\$7,499
	Traffic	4400025299 H.01564.5	LA 47 Hayne Blvd Safety Improvements	\$9,437
	Traffic	4400018271 H.014746.5	LA 383 Stage 0 Corridor Study	\$20,146
	ITS	4400016364 H.014511.1	Houma Regional ITS Architecture Update	\$10,746
	Traffic	4400025299 H.013421.5	Dist. 02H Flashing Yellow Arrow Part 2	\$83,260

20. Certifications/Licenses:

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

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

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
AILLET, FENNER, JOLLY & MCCLELLAND, INC.	Business Corporation	SHREVEPORT	Active

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
FUGRO USA LAND, INC.	Business Corporation (Non-Louisiana)	HOUSTON	Active

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

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

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
LAZENBY & ASSOCIATES, INC.	Business Corporation	WEST MONROE	Active

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
CIVIL DESIGN & CONSTRUCTION, INC.	Business Corporation	PORT ALLEN	Active



Certificate of Completion

This is to acknowledge

Jon Gerhart

Has successfully completed:

CEU TEST - 2026 National Electrical Code (NEC®) Changes

Issued date: 10/28/2025



NATIONAL FIRE PROTECTION ASSOCIATION

CERTIFICATE OF COMPLETION

2021 NFPA 70E Standard for Electrical Safety in the Workplace Online Training Series

JONATHAN GERHART

Completion Date: June 16, 2021
CEUs: 6 or 6 hours

Jim Pauley
President, National Fire Protection Association

IT'S A BIG WORLD. LET'S PROTECT IT TOGETHER.™



Certificate of Completion

This is to acknowledge

Thien Pham

Has successfully completed:

CEU TEST - 2026 National Electrical Code (NEC®) Changes

Issued date: 10/28/2025



NATIONAL FIRE PROTECTION ASSOCIATION

CERTIFICATE OF COMPLETION

2021 NFPA 70E Standard for Electrical Safety in the Workplace Online Training Series

THIEN PHAM

Completion Date: January 21, 2021
CEUs: 6 or 6 hours

Jim Pauley
President, National Fire Protection Association

IT'S A BIG WORLD. LET'S PROTECT IT TOGETHER.™



Certificate of Completion

This is to acknowledge

Erin Rodgers

Has successfully completed:

CEU TEST - 2026 National Electrical Code (NEC®) Changes

Issued date: 10/28/2025



NATIONAL FIRE PROTECTION ASSOCIATION

CERTIFICATE OF COMPLETION

2021 NFPA 70E Standard for Electrical Safety in the Workplace Online Training Series

ERIN CLAY

Completion Date: March 18, 2021
CEUs: 6 or 6 hours

Jim Pauley
President, National Fire Protection Association

IT'S A BIG WORLD. LET'S PROTECT IT TOGETHER.™



Certificate of Completion

This is to acknowledge

Seth Cummings

Has successfully completed:

CEU TEST - 2026 National Electrical Code (NEC®) Changes

Issued date: 10/31/2025



NATIONAL FIRE PROTECTION ASSOCIATION

CERTIFICATE OF COMPLETION

2021 NFPA 70E Standard for Electrical Safety in the Workplace Online Training Series

SETH CUMMINGS

Completion Date: July 12, 2022
CEUs: 6 or 6 hours



Jim Pauley
President, National Fire Protection Association

IT'S A BIG WORLD. LET'S PROTECT IT TOGETHER.™

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

Professional Development
Hours (PDHs) Awarded: 4

Angela Adams
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Adams
Authorized Instructor



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

Professional Development
Hours (PDHs) Awarded: 4

Angela Adams
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Adams
Authorized Instructor



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

Professional Development
Hours (PDHs) Awarded: 3

Angela Adams
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Adams
Authorized Instructor



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

Professional Development
Hours (PDHs) Awarded: 2

Angela Adams
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Adams
Authorized Instructor



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

Professional Development
Hours (PDHs) Awarded: 3

Angela Adams
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Adams
Authorized Instructor



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

Professional Development
Hours (PDHs) Awarded: 3

Angela Adams
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Adams
Authorized Instructor



Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: November 5, 2018
Location: Baton Rouge, LouisianaProfessional Development
Hours (PDHs) Awarded: 2

[Signature] *[Signature]* *[Signature]*
Authorized Instructor Authorized Instructor Authorized Instructor



Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: November 26, 2018
Location: Baton Rouge, LouisianaProfessional Development
Hours (PDHs) Awarded: 3.5

[Signature] *[Signature]* *[Signature]*
Authorized Instructor Authorized Instructor Authorized Instructor



Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: December 3, 2018
Location: Baton Rouge, LouisianaProfessional Development
Hours (PDHs) Awarded: 3

[Signature] *[Signature]* *[Signature]*
Authorized Instructor Authorized Instructor Authorized Instructor



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 30, 2018
Location: Baton Rouge, LouisianaProfessional Development
Hours (PDHs) Awarded: 2.5

[Signature] *[Signature]* *[Signature]*
Authorized Instructor Authorized Instructor Authorized Instructor



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: August 6, 2018
Location: Baton Rouge, LouisianaProfessional Development
Hours (PDHs) Awarded: 3

[Signature] *[Signature]* *[Signature]*
Authorized Instructor Authorized Instructor Authorized Instructor



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 29, 2018
Location: Baton Rouge, LouisianaProfessional Development
Hours (PDHs) Awarded: 3

[Signature] *[Signature]* *[Signature]*
Authorized Instructor Authorized Instructor Authorized Instructor



The Transportation Professional Certification Board

Certifies that

Ms. Sheelagh B. Ferlito, P.E., PTOE

successfully holds the Professional Traffic Operations Engineer® certification

Original Certification Date: 9/9/2009

Certification Valid Through: 9/9/2027

Steve Kuciamba,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSPI
TPCB Chair

Certification Number: 932



The Transportation Professional Certification Board

Certifies that

Mr. Laurence L. Lambert, II, P.E., PTOE, PTP

successfully holds the Professional Traffic Operations Engineer® certification

Original Certification Date: 2/3/2004

Certification Valid Through: 2/3/2028

Steve Kuciamba,
Executive Director and CEO

Jan O. Voss, P.Eng., PTOE
TPCB Chair

Certification Number: 1303

21. QA/QC Plan:

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.**

22. Sub-consultant information:			
Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u>)	Address	Point of Contact and email address	Phone Number
Aillet, Fenner, Jolly & McClelland, Inc.	3003 Knight Street, Suite 120 Shreveport, LA 71105	Matthew J. Wallace mwallace@afjmc.com	(318) 425-7452
Fugro USA Land, Inc.	4233 Rhoda Drive, Baton Rouge, Louisiana 70816	Eric Marx, PE emarx@fugro.com	(225) 800-5400
Vectura Consulting Services, LLC	PO Box 14269 Baton Rouge, LA 70898	Brin Ferlito bferlito@vecturacs.com	(225) 223-6685
Lazenby & Associates, Inc.	2000 North 7th Street West Monroe, LA 71291	Paul D. Fryer, P.E., P.L.S. pfryer@lazenbyengr.com	(318) 387-2710
Civil Design & Construction, Inc.	PO Box 857 Port Allen, LA 70767	Karla E. Weston, PE Kweston@cdcbr.com	(225) 765-1802

23. Location:

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement.**