DOTD Form 24-102

Contract No. 4400031585

IDIQ Contract for Pavement Preservation Design Services

Statewide with Majority of Work in District 05



Sections 1 - 13



CONTRACT NO. 4400031585: IDIQ CONTRACT FOR PAVEMENT PRESERVATION DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 05 01011

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1	Name as shown in the advertisement	IDIQ Contract for Pavement Preservation Design Services Statewide with Majority of Work in District 05		
2	Contract Number(s) as shown in the advertisement	Contract No. 440003158	5	
3	State Project Number(s), if shown in the advertisement	Not Shown		
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</u> <u>Section 20</u>)	Lazenby & Associates, In	C.	
5	Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	LAPELS Registration No LAPELS Registration No DUNNS Unique Entity IE	. 416 Engineering . 68 Land Surveying D: NJWWBHQXB6WS	
6	Prime consultant mailing address	2000 North 7 th Street, W	est Monroe, LA 71291	
7	Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	2000 North 7 th Street, W	est Monroe, LA 71291	
8	Name, title, phone number, and email address of prime consultant's contract point of contact	Paul D. Fryer, P.E., P.L.S.	Senior Vice-President 318.387.2710 pfryer@lazenbyengr.com	
9	Name, title, phone number, and email address of the official with signing authority for this proposal	Jerry G. Lazenby, P.E., P.L.S.	President 318.387.2710 jlazenby@lazenbyengr.com	



10	This is to certify that all information contained herein is that the team presently has sufficient staff to perform to designated time frame. By submitting this proposal, put not engaged in a boycott of Israel and it will, for the obligations, refrain from a boycott of Israel. Proposer as that the following information is correct: In preparing it has considered all proposals submitted from qualified, p and suppliers, and has not, in the solicitation, see treatment of any subcontractor or supplier, refused to business activities, or taken other actions intende relations, with a person or entity that is engaging in cor Israel or Israeli-controlled territories, with the specific boycott or divestment of Israel. The proposer also has n person or other entity for reporting such refusal, termi limiting actions. DOTD reserves the right to reject the r proposer if this certification is subsequently determi terminate any contract awarded based on such a false Pursuant to Act No. 581 of the 2024 Louisiana Legist proposer further certifies that it does not have a pra or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association entity or firearm trade association. In addition, prop discriminate against a firearm entity or firearm trade term of the contract based solely on the entity's or a	s accurate and true, and these services within the roposer certifies that it is duration of its contract also certifies and agrees s response, the proposer potential subcontractors lection, or commercial transact or terminated d to limit commercial mercial transactions in intent to accomplish a ot retaliated against any ination, or commercially esponse of the bidder or ned to be false, and to response.	Signature abo listed in Section Date: March T	we shall be the same person on 9:
11	If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s)	<u>Firm(s):</u> Civil Design & Constru	ction. Inc.	<u>Firm(s)' %:</u> 4%
	will be used to meet the DBE goal and each firm(s)' percentage.	APS Engineering and T	esting, LLC	5%



As indicated in the advertisement, insert a completed table here. The percentages for the prime and sub-consultants must total 100% for each discipline, as well as the overall total percent of the contract.

Discipline(s)	% of Overall Contract	(Prime)			APS Engineering and Testing	Each Discipline must total to 100%
Survey	20%	80%	0%	20%	0%	100%
Geotech	5%	O%	0%	0%	100%	100%
Road	75%	75%	25%	0%	0%	100%
		Identify the percentage and each sub-consult	ge of work for the <u>ov</u> ant.	v <mark>erall contract</mark> to be	performed by the p	rime consultant
Percent of Contract	100%	72.25%	18.75%	4%	5%	100%



For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (must specify)" and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following link:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descript ions.pdf

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)
	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
AZENBY	Supervisor - Eng	1	3
& ASSOCIATES, INC.	Surveyor	1	2
	Inspector - Certified	0	2
	Inspector	0	2
	Principal	1	1
	Subtotal	16	32



DOTD FORM 24-102			SECTION 13 – FIRM SIZE
	Principal	0	2
	Supervisor - Eng	1	3
	Engineer	2	4
G.E.C., Inc.	Subtotal	3	9
	Surveyor	1	2
	Party Chief	3	5
	Instrument Man	2	3
	Rodman	2	2
INCORPORATED	CADD Operator	1	1
Civil Design & Construction. Inc.	Senior Technician	3	6
	Supervisor – Other	1	1
	Subtotal	13	20
+	Engineer	4	4
	Engineer Intern	2	2
APS	Engineering-Aide	1	1
	Driller	10	10
	Technician	12	12
Engineering	Inspector	5	5
and Testing	Clerical	2	2
APS Engineering and Testing, LLC	Subtotal	36	36
Lazenby Team	Total	68	97











SECTION 15 – MINIMUM PERSONNEL REQUIREMENTS

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Jerry G. Lazenby, P.E., P.L.S.	Lazenby & Associates, Inc.	P.E. License No. 12104 Civil	LA	03/31/2026
2	Jerry G. Lazenby, P.E., P.L.S.	Lazenby & Associates, Inc.	P.E. License No. 12104 Civil	LA	03/31/2026
2	Paul D. Fryer, P.E., P.L.S.	Lazenby & Associates, Inc.	P.E. License No. 23426 Civil	LA	09/30/2025
2	Kevin E. Crosby, P.E., P.L.S.	Lazenby & Associates, Inc.	P.E. License No. 26799 Civil	LA	03/31/2025
3	Paul D. Fryer, P.E., P.L.S.	Lazenby & Associates, Inc.	P.E. License No. 23426 Civil	LA	09/30/2025
3	James Ryan Spillers, P.E.	Lazenby & Associates, Inc.	P.E. License No. 28574 Civil	LA	09/30/2025
3	James Stuart Ellingburg, P.E.	Lazenby & Associates, Inc.	P.E. License No. 37236 Civil	LA	09/30/2026
4	Ronald J. Riggin, P.E., P.L.S.	Lazenby & Associates, Inc.	P.L.S. License No. 5119	LA	03/31/2027
4	Chris Ballard, P.L.S.	Civil Design & Construction, Inc.	P.L.S. License No. 5033	LA	09/30/2026



SECTION 16 – STAFF EXPERIENCE

Firm em	ployed by l	_azenby & Associates, Inc.							
Name	Kevin E. C	Crosby, P.E., P.L.S.			Years of experience with this firm/employer	31.5			
Title	Vice Presi	dent			Years of experience with other firm(s)/employer(s) 1.5				
Degree(s) / Years / Sp	ecialization		BS / 1	992 / Civil Engineering	-	SCA		
			_	P.E. 0	026799 / Louisiana / 03/31/2025				
Active reg	Active registration number / state / expiration date				0004901 / Louisiana / 03/31/2025				
Year registered 1996 Discipline			Discipline	Civil E	Engineering				
Contract	role(s) / briet	description of responsibilitie	es	QA-Q)C		<u>.</u>		
Experien	ce dates	Experience and qualifica	tions relevant to th	e propo	osed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed in	tersection	n", etc. Experience		
(mm/yy–	mm/yy)	dates should cover the ye	ears of experience s	pecified	l in the applicable MPR(s).				
Roadway Design Procedure and Details Manual and the LDOTD Hydraulics Manual, as well as Mr. Crosby has successfully completed the following continuing education classes, workshop LA Specific Traffic Control Technician Course, 2024 (refresher) LA Specific Traffic Control Supervisor Course, 2024 (refresher)				I the LDOTD Hydraulics Manual, as well as AASHTO design standards for g continuing education classes, workshops, and seminars: 4 (refresher) 4 (refresher)	roadway	design.			
05/08 0	с/15	State Project No. H.002	622: Arkansas Doa		iel Requirement No. 2. 16) Ouachita Darich Mr. Crochy convod as the surveyor in responsible	chargo	of the tenegraphic		
03/08 - 0	0/15	surveying for this project	He also provided to	o (LA O echnica	I quidance on the drainage design for the project	: charge	or the topographic		
12/10 - 10/10	/12	State Project No. H.0038	54: Bossier North-S	South C	orridor Roadway and Bridges (I-220/Swan Lake Road Interchange to C	rouch Ro	ad). Bossier Parish		
12,10 10,	12	- Mr. Crosby served as the	e survevor in respon	sible ch	arge of the topographic surveying for this project.	cuonno			
O1/12 – Present Ouachita Parish Police Jury Road Program - Mr. Crosby serves as the Ouachita Parish Engin developing a pavement preservation strategy to preserve and extend the life of Ouachita Parish under the LDOTD Urban Systems program. Mr. Crosby also performs QA-QC reviews all pavement the Ouachita Parish Police Jury. Some of the Ouachita Parish Urban System projects that Mr. Crosby has provided professional construction, include the following: State Project No. H.011743 – Forty Oaks Farm Road (Mill, Patch and Overlay with Bridge Repl; State Project No. H.011747 – Edwards Road (Reconstruction)			Crosby serves as the Ouachita Parish Engineer. His duties consist of eval eserve and extend the life of Ouachita Parish roadways, some of which ar sby also performs QA-QC reviews all pavement preservation construction that Mr. Crosby has provided professional services, including serving as d (Mill, Patch and Overlay with Bridge Replacement) hstruction)	uating pa e designe) plans th the proje	arish roadways and ad and constructed lat are prepared for ect engineer during				
09/17 - P	resent	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)							
senior engineer, providing quality assur			g quality assurance	ce reviews for both Preliminary and Final Plans.					



SECTION 16 - STAFF EXPERIENCE

Firm em	ployed by L	azenby & Associates, Inc.							
Name	James S. E	Ellingburg, P.E.		Years of experience with this firm/employer 16					
Title	Project En	gineer			Years of experience with other firm(s)/employer(s) 0				
Degree(s) / Years / Spe	ecialization		BS/20	008 / Civil Engineering		1000		
Active reg	gistration nui	mber / state / expiration date		P.E. 00	37236 / Louisiana / 09/30/2026				
Year regis	stered	2012	Discipline	Civil Er	ngineering				
Contract	role(s) / brief	description of responsibilitie	S	Road D	Desian, Hydraulic Analysis & Desian, Topographic Survey				
Experience	ce dates	Experience and qualificat	ions relevant to the	e propos	ed contract: <i>i.e.</i> , "designed drainage", "designed girders", "designed int	ersectior	". etc. Experience		
(mm/yy–ı	mm/yy)	dates should cover the ye	ars of experience sp	becified i	n the applicable MPR(s).		, 1		
		Mr. Ellingburg has over lo LDOTD Roadway Design Ellingburg has assisted in Mr. Ellingburg has succes LA Specific Traffic Cont LA Specific Traffic Cont Designing Streets for P Highway Safety Manua Roundabout Design W Traffic Engineering Ana One-Dimensional Mod	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. Nellingburg has assisted in hydraulic analysis and design, as well as roadway design and preparation of roadway plans, on a variety of roadway 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				adway design. Mr. adway projects.		
05/08 – 06/15 State Project No. H.002622: Arkansas Road (LA 616), Ouachita Parish - Mr. Ellingburg initially served as an engineering technician, che topographic survey in the field for accuracy. Mr. Ellingburg then served as a project staff engineer, assisting the project engineer with devel existing drainage maps, drainage design maps, utility adjustments, and developing roadway plans. Mr. Ellingburg also assisted with roundabo and sequence of construction in both Preliminary and Final plan development. This project consisted of widening a 3.2-mile portion of LA 616 f lane section to a five-lane urban roadway, and included four multi-lane roundabouts that required extensive geometric design and graph development in order to meet AASHTO and LDOTD standards and requirements for safety. Once the project was let for construction, Mr. provided construction support on an as-needed basis by answering field questions from the contractor or LDOTD.				cian, checking the ch development of undabout designs, LA 616 from a two- id graphical grade ion, Mr. Ellingburg					
12/10 – 10/	12	State Project No. H.003	354: Bossier North	-South (Corridor Roadway and Bridges (I-220/Swan Lake Road Interchange	to Crou	ch Road), Bossier		
		Parish - Mr. Ellingburg se plans, and assisting with r and realignment of a 3.7-r southern portion of the p sites on the project.	rved as a project sta oadway and bridge nile section of Swar roject contains an u	idge design and plan development for both Preliminary and Final plans. This project consisted of recons Swan Lake Road and construction of a new 4.2 mile roadway connecting Swan Lake Road and Crouch Ro an urban three-lane section, while the northern segment is a rural, two-lane roadway. There are thre					
11/11 – 01/1	2	State Project No. H.0046 developing existing drain	84: El Camino East age maps for a LDC	t /West C)TD Topa	Corridor, Route LA 6, Natchitoches Parish - Mr. Ellingburg served as a p ographic Survey.	roject sta	ıff engineer,		
09/17 – Pr	esent	State Project Nos. H.004 a project staff engineer, as	774 & H.007300: Kasisting with genera	ansas La iting top	ne – Garrett Road Connector and I-20 Improvements, Ouachita Paris ographic survey deliverables, developing existing drainage maps for the	h - Mr. El topograg	lingburg served as ohic survey portion		



SECTION 16 – STAFF EXPERIENCE

	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 drainage design, 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 SterlUS165) 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.

Page 2 of 2 James S. Ellingburg, P.E.



SECTION 16 - STAFF EXPERIENCE

Firm employed by	y Lazenby & Associates, Inc.				
Name Paul D.	Fryer, P.E., P.L.S.	Years of experience with this firm/employer 38			
Title Senior \	/ice-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 / 09/30/2025			
Active registration	Inumber / state / expiration date	P.E. 0023426 / Louisiana / 09/30/2025			
Voor registered	1987 Dissipling	Professional Engineer (Civil and Environmental)			
real registered	1997 Discipline	Professional Land Surveyor			
Contract role(s) / b	prief description of responsibilities	Project Manager, QA-QC			
Experience dates	Experience and qualifications relevant to	the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc.			
(mm/yy–mm/yy)	Experience dates should cover the years o	f experience specified in the applicable MPR(s).			
 Mr. Fryer is familiar with LDOTD and AASHTO design standards for roadway design and plans development. Mr. Fryer has performed profession engineering and land surveying services on a variety of projects involving line and grade studies, major investment studies, location and Stage studies as well as topographic surveys, property surveys, development of ROW maps. Mr. Fryer also has extensive experience in develop preliminary and final roadway plans on a variety of LDOTD projects, and has served in a QA-QC role on many different projects throughout career. Mr. Fryer is familiar with the LDOTD Location and Survey Manual for conducting topographic surveys, property surveys and developing right 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 					
04/95 – 03/00	State Project No. 043-01-0017: Dugdemo This project consisted of the construction	na River and Relief Bridges, Jackson Parish - Mr. Fryer prepared preliminary and final roadway plans. 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 Dec	laise Bridge, Morehouse Parish - Mr. Fryer prepared preliminary and final roadway and final roadway			
	plans. This project consisted of the constr	uction of a slab span bridge and roadway approaches on new alignment.			
01/97 – 10/99	State Project No. 026-05-0017: LA 15 (Sic	ly Island – Jct. LA 913), Catahoula Parish - Mr. Fryer was responsible for preparation of preliminary and			
	final roadway and bridge plans. This proje	ct 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	577 State Project No. 700-30-0061: US 167, Lillie to Arkansas State Line, Union Parish - Mr. Fryer served as project manager, roadway designer, a				
	surveyor responsible for development of fi	nal 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-l	ane divided arterial route under the LA TIMED Program.			
10/07 – 04/16	State Project No. H.002622: Arkansas Ro	ad (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 for	our multi-lane roundabouts.			
07/10 – 05/18	State Project No. H.003854: Bossier No	rth-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.
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.
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.
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.
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 being 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. 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, Ouachila Parish State Dreject No. H.015460 – Little Dead Over Creek, Danides Darish
	State Project No. H.015460 – Little Road Over Creek, Rapides Parish State Droject No. H.015461 – Fire Tower Doad Over Dock Creek Union Darish
	State Project No. H.015462 – Pilorims Pest Church Poad Over Steen 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.

Page 2 of 2 Paul D. Fryer, P.E., P.L.S.



SECTION 16 - STAFF EXPERIENCE

Name Randy C. Hammons, P.E. Years of experience with this firm/employer 23 Title Project Engineer Years of experience with other firm(s)/employer(s) 8 Degree(s) / Years / Specialization B.S. / 1993 / Cluil Engineering 8 Active registration number / state / expiration date P.E. 0029504 / Louisiana / 09/30/2025 9 Year registered 2001 Discipline Civil Engineering 9 Experience dates Experience and qualifications relevant to the proposed contract (<i>i.e.</i> , "designed drainage", "designed girders", "designed intersecti Experience dates should cover the years of experience in planning and designing highways and bridges on transportation projects in L Mr. Hammons has in excess of 25 years of experience specified in the applicable MPR(s). Mr. Hammons has in excess of 25 years of experience in planning and designing highways and bridges on transportation projects in L Arkanasa, Mississipia, and Tennessee. Mr. Hammons has a proximately 16 years of experience upervising and processing topographi data, including establishing survey control, calculating existing alignments, creating digital terrain models (DTM's), and developing 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 Technician Course, 2024 (refresher)	Firm employ	ed by Lazenby & Associates, In	IC.					
Title Project Engineer Vears of experience with tother firm(s)/employer(s) B Degree(s) /Years / Specialization B.S. /1993 / Civil Engineering Active registration number / state / expiration date P.E. 0029504 / Louisiana / 09/30/2025 Year registered 2001 Discipline Civil Engineering Contract role(s) / brief description of responsibilities Topographic Survey Experience dates Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersecti (mm/y-mm/y) Experience dates should cover the years of experience approximately 16 years of experience supervising and processing topographic data, including establishing survey control, calculating existing alignments, creating digital terrain models (DTM's), and developing drainage maps for LDOTD projects. Mr. Harmons has inccessfully completed the following continuing education classes, workshops, and seminars: LA Specific Traffic Control Supervisor Course, 2024 (refresher) 10/2014 - 06/2017 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 440000454h I for visious projects at a cost of \$1153 over a 3-year period. Some of the task orders for Topographic Survey or read and bridge replacement project using GPS receivers, robotic total stations and a SX-10 terrestrial scanner included hydrographic Survey of a portion of Cane River at the LA 1-X bridge crossing. State Project No. H.001270.5 – LA I-X: Natchitoches By-Pass on Reyser Avenue and the Cane River in Natchitoches Parish.	Name Ra	ndy C. Hammons, P.E.		Years of experience with this firm/employer 23				
Degree(s) / Vear / Specialization B.S. / 1933 / Civil Engineering Active registration number / state / expiration date P.E. 0029504 / Louisiana / 09/30/2025 Year registred 2001 Discipline Civil Engineering Contract role(s) / brief description of responsibilities Topographic Survey Image: "designed ginders", "designed ginders", "designed ginders", "designed intersecti (mm/yy-mm/yy) Kr. Hammons has in excess of 25 years of experience specified in the applicable MPR(s). Mr. Hammons has in excess of 25 years of experience in planning and designing highways and bridges on transportation projects in Li Arkanasa, Mississippi, and Tennessee. Mr. Hammons has a provimately 16 years of experience supervising and processing topographi data, including establishing survey control, calculating existing alignments, creating digital terrain models (DTM's), and developing drainage maps for LDOTD projects. Mr. Hammons has successfully completed the following continuing education classes, workshops, and seminars: LA Specific Traffic Control Supervisor Course, 2024 (refresher) 10/2014 - 06/2017 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 440004541: I Contract for Professional Surveying Services - Statewide - This retainer contract contained eight task orders to perform topographic for various projects at a cost of \$811,513 ower a 3-year period. Some of the task orders for Topographic Survey serves as follows: State Project No. H.0002705 - LA I-X: Natchitoches By-Pass on Reyser Avenue and the Cane River in Natchitoches Parish. (04/2017 - 09/20	Title Pro	oject Engineer		Years of experience with other firm(s)/employer(s) 8				
Active registration number / state / expiration date P.E. 0029504 / Louisiana / 09/30/2025 Year registered 2001 Discipline Civil Engineering Contract role(s) / brief description of responsibilities Topographic Survey Experience dates Experience dates should cover the years of experience specified in the applicable MPR(s). Mr. Harmmors has in excess of 25 years of experience in planning and designing highways and bridges on transportation projects in Lt Arkansas, Missispipi, and Tennessee. Mr. Harmmors has approximately 16 years of experience supervising and processing topographic data, including establishing survey control, calculating existing alignments, creating digital terrain models (DTM's), and developing drainage maps for LDOTD projects. Mr. Hammons has successfully completed the following continuing education classes, workshops, and seminars: LA Specific Traffic Control Supervisor Course, 2024 (refresher) 10/2014 - 06/2017 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400004541: Topographic Survey of road and bridge replacement project using CPS receivers, robotic total stations and a SX-10 terrestrial scanner included hydrographic Survey of a portion of Cane River at LA Shift Lask orders for Topographic Survey of a portion of Cane River at the LA 1-X bridge crossing. State Project No. H.003997.5 - US 167: Johnston Street Improvements on Route US 167 in Lafayette Parish. (04/2017 - 09/2017), Topographi Survey of a portion of Cane River at the LA 1-X bridge crossing. 02/2015 - 02/2016 Project Engineer processing top	Degree(s) / Ye	ears / Specialization		B.S. / 1993 / Civil Engineering				
Year registered 2001 Discipline Civil Engineering Contract role(s) / brief description of responsibilities Topographic Survey Experience dates Experience and qualifications relevant to the proposed contract; <i>i.e.</i> "designed drainage", "designed girders", "designed intersecti (mm/sy-mm/sy) Mr. Hammons has in excess of 25 years of experience in planning and designing highways and bridges on transportation projects in Lu Arkanasa, Mississippi, and Tennessee. Mr. Hammons has approximately 16 years of experience supervising and processing topographi data, including establishing survey control, calculating existing alignments, creating digital terrain models (DTM's), and developing 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) 10/2014 - 06/2017 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400004541: I Contract for Professional Surveying Services - Statewide - This retainer contract contained eight task orders to perform topographic for various projects at a cost of \$811,013 over a 3-year period. Some of the task orders for Topographic Survey we as follows: State Project No. H.001270.5 – LA LX: Nachtoches By-Pass on Keyser Avenue and the Cane River in Natchitoches Parish. (04/2017 – Topographic Survey of road and bridge replacement project using GPS receivers, robotic total stations and a SX-10 terrestrial scanner included hydrographic survey of a portion of Cane River at the LA LX bridge crossing. State Project No. H.00	Active registr	ation number / state / expiration	date	P.E. 0029504 / Louisiana / 09/30/2025				
Contract role(s) / brief description of responsibilities Topographic Survey Experience dates Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersecti (mm/yy-mm/y) Experience dates should cover the years of experience specified in the applicable MPR(s). Mr. Hammons has in excess of 25 years of experience in planning and designing highways and bridges on transportation projects in L Arkansas, Mississippi, and Tennessee. Mr. Hammons has approximately 16 years of experience supervising and processing topographic data, including establishing survey control, calculating existing alignments, creating digital terrain models (DTM's), and developing 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) 10/2014 - 06/2017 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400004541 F Contract for Professional Surveying Services – Statewide - This retainer contract contained eight task orders to perform topographic for various projects at a cost of \$811,513 over a 3-year period. Some of the task orders for Topographic Survey were as follows: State Project No. H.001270.5 – LA I-X: Natchitoches By-Pass on Keyser Avenue and the Cane River in Natchitoches Parish. (04/2017 - 03/2017). Topographic Survey of a portion of Cane River at the LA 1-X bridge crossing. 02/2015 - 02/2016 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400005020 -	Year registere	ed 2001	Discipline	Civil Engineering				
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(mm/yy-mm/yy) Experience dates should cover the years of experience specified in the applicable MPR(s). Mr. Hammons has in excess of 25 years of experience in planning and designing highways and bridges on transportation projects in LC Arkanas, Mississippi, and Tennessee. Mr. Hammons has approximately 16 years of experience supervising and processing topographi data, including establishing survey control, calculating existing alignments, creating digital terrain models (DTM's), and developing 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 Technician Course, 2024 (refresher) LA Specific Traffic Control Supervisor Course, 2024 (refresher) 10/2014 - 06/2017 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400004541: I 10/2014 - 06/2017 Contract for Professional Surveying Services – Statewide - This retainer contract contained eight task orders to perform topographic for various projects at a cost of \$811,513 over a 3-year period. Some of the task orders for Topographic Surveys were as follows: State Project No. H.001270.5 - LA I-X: Natchitoches By-Pass on Keyser Avenue and the Cane River in Natchitoches Parish. (04/2017 - 07/2017). Topographic Survey of a portion of Cane River at the LA I-X bridge crossing. 02/2015 - 02/2016 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400005020 - subco	Experience da	ates Experience and qualifica	tions relevant to 1	the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc.				
Mr. Hammons has in excess of 25 years of experience in planning and designing highways and bridges on transportation projects in Ld Arkansas, Mississippi, and Tennessee. Mr. Hammons has approximately 16 years of experience supervising and processing topographi data, including establishing survey control, calculating existing alignments, creating digital terrain models (DTM's), and developing 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) 10/2014 - 06/2017 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400004541: I Contract for Professional Surveying Services - Statewide - This retainer contract contained eight task orders to perform topographic for various projects at a cost of \$811,313 over a 3-year period. Some of the task orders for Topographic Surveys were as follows: State Project No. H.001270.5 - LA I-X: Natchitoches By-Pass on Keyser Avenue and the Cane River in Natchitoches Parish. (04/2017 - 17 opographic Survey of road and bridge replacement project using CPS receivers, robotic total stations and a SX-10 terrestrial scanner 02/2015 - 02/2016 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400005020 - subcontract included approximately 48% of the total topographic survey at a cost of \$513,229. <	(mm/yy–mm/	/yy) Experience dates should o	over the years of e	experience specified in the applicable MPR(s).				
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included hydrographic survey of a portion of Cane River at the LA 1-X bridge crossing. State Project No. H.009997.5 – US 167: Johnston Street Improvements on Route US 167 in Lafayette Parish. (04/2017 – 09/2017). Topographi of a heavily traveled urban system route in Lafayette, Louisiana using GPS receivers, robotic total stations and a SX-10 terrestrial scanner. 02/2015 – 02/2016 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400005020 - subcontract included approximately 48% of the total topographic surveying at a cost of \$513,229. State Project Nos. H.011137 & H.011152 – I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59) in St. Tammany Parish. Topographic Survey of a propomi interstate widening located in Covington, LA along heavily traveled I-12 using GPS receivers and robotic total stations. Project in hydrographic survey of a portion of Tchefuncte River at the I-12 bridge crossing. 01/10/2017 – 01/10/2017 – 01/10/2020 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400009384: I Contract for Professional Surveying Services – Statewide - This retainer contract contained six task orders to perform topographic survey 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	Contract for Professional Surveying Services – Statewide - This retainer contract contained eight task orders to perform topographic for various projects at a cost of \$811,513 over a 3-year period. Some of the task orders for Topographic Surveys were as follows: State Project No. H.001270.5 – LA I-X: Natchitoches By-Pass on Keyser Avenue and the Cane River in Natchitoches Parish. (04/2017 –							
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01/10/2017 - 01/10/2017 - 01/10/2020 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400009384: If Contract for Professional Surveying Services - Statewide - This retainer contract contained six task orders to perform topographic survey arious 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 is project at a cost of \$280/L 20 interchange and BAFB Access, Route I-220 & I-20 in Bossier Parish (04/2018 - 10/2018). Topographic surveys is project to the task orders for Topographic surveys were as follows:	02/2015 - 02/2016 Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400005020 subcontract included approximately 48% of the total topographic surveying at a cost of \$513,229. State Project Nos. H.011137 & H.011152 - I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59) in St. Tammany Parish. Topographic Survey of a promi interstate widening located in Covington, LA along heavily traveled I-12 using GPS receivers and robotic total stations. Project hydrographic survey of a portion of Tchefuncte River at the I-12 bridge crossing.							
or the proposed i-220/i-20 interchange and BAFB Access roadway in Bossier Parish using GPS receivers, robotic total stations, SX-10 te	01/10/2017 – 01/10/2020	Project Engineer process Contract for Professiona various projects at a cost of State Project No. H.003370 of the proposed I-220/I-20 scapper and mobile lider	ing topographic s I Surveying Servic of \$989,478 over a 3 0.5 – I-220/I-20 Inter) Interchange and	survey field data and preparing survey deliverables for State Contract No. 4400009384: Retainer ces – Statewide - This retainer contract contained six task orders to perform topographic surveys for 3-year time frame. Some of the task orders for Topographic Surveys were as follows: rchange and BAFB Access, Route I-220 & I-20 in Bossier Parish (04/2018 – 10/2018). Topographic survey BAFB Access roadway in Bossier Parish using GPS receivers, robotic total stations, SX-10 terrestrial				



	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.
10/2019 – present	Project Engineer processing topographic survey field data and preparing survey deliverables for State Contract No. 4400015236: Retainer
	Contract for Professional Surveying Services – Statewide - This retainer contract has contained sixteen task orders to perform topographic surveys for various projects at a cost of \$1,869,614 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.008220.5 – LA 406 @ F.E. Hebert Roundabout, Route LA 406 in Plaquemines Parish (03/2021-07/2021). Topographic survey of a proposed roundabout site located at the intersection of LA 406 and Keating Dr and F.E. Hebert Blvd using GPS receivers and robotic total stations.
	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 (1.4 mi) of I-20 mainline.
01/2020 – present	Project Engineer processing topographic survey field data and preparing survey deliverables 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 Survey 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 (3.9 mi) of I-20 mainline.

Page 2 of 2 Randy C. Hammons, P.E.



SECTION 16 - STAFF EXPERIENCE

Firm employed by Lazenby & Associates, Inc.								
Name	Blaine T. Holloway, I	E.I.	Years of experience with this firm/employer	2				
Title	Engineer Intern		Years of experience with other firm(s)/employer(s)	0	-			
Degree(s) / Years / Specialization			B.S. / 2023 / Civil Engineering					
Active registratio	n number / state / expira	ation date	E.I. 0035474 / Louisiana / 09/30/2025		E.			
Year registered 2023 Discipline			Civil Engineering (E.I.)					
Contract role(s) /	brief description of respo	onsibilities	Road Design, Hydraulic Design & Analysis, Topographic Survey					
Experience dates (mm/yy– mm/yy)	Experience and qualif Experience dates shou	fications relevant to t Id cover the years of ex	he proposed contract; <i>i.</i> e., "designed drainage", "designed gir perience specified in the applicable MPR(s).	ders", "designed i	ntersection", etc.			
	 Mr. Holloway has 2 years of experience in performing drainage design, hydraulic analysis, roadway design, and preparation of roadway and be plans on a variety of LDOTD and local roadway projects. Mr. Holloway is familiar with the LDOTD Roadway Design Procedure and Details Ma and the LDOTD Hydraulics Manual, as well as AASHTO design standards for roadway design. Mr. Holloway also assists in processing topogra 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 							
		ontrol Supervision Cour	'Se, 2024					
06/22 - 09/22	topographic survey alo of Well Road, Downing using GPS receivers, ro the survey data and cre	org I-20 from the Well F Pines Road, Thomas R botic total stations, SX-1 eating the existing drai	Road Interchange to the LA 34 Jouachita Parish - This project of Road Interchange to the LA 34 (Stella Mill St) Interchange in Ouac Ioad, and LA 34 (Stella Mill St) for a total cumulative length of 25,62 10 terrestrial scanners, and a terrestrial mobile LIDAR scanner. Mr. H nage map.	hita Parish. It also i 25 ft (4.85 miles). D Holloway assisted i	ning a complete included portions ata was collected n post processing			
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. H duties consist of developing pavement preservation roadway plans, including hydraulic design, quantity calculations, and construction co 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. 440	00017710, Task Order N	lo. 2, State Project No. H.015640.5, LA 150 & LA 818: Roundabout	Topographic Surv	/ey - Mr. Holloway			
	assisted in post-processing topographic survey data, which included developing a digital terrain model (DTM) of the existing site, creating surveyed centerline alignment via horizontal regression, and conducting a LA One Call and coordinating with utility companies to get their existin facilities incorporated into the topographic survey. Mr. Holloway also assisted in compiling the LDOTD submittal requirements for this survey.							
06/22 – Present	quantity calculations of includes five multilane	during final plan devel roundabouts and inter	Garrett Road Connector and 1-20 Improvements, Ouachita Par opment, as well as assisting with preparation of a construction rstate ramp modifications. The final plans are currently 98% comp	I sn - Mr. Holloway cost estimate. Th plete.	nas assisted with his urban project			



SECTION 16 – STAFF EXPERIENCE

10/23 – Present	State Contract No. 4400025025, District 05: IIJA 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
	nost 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 and conducting a utility update. The preliminary plans are currently
	60% complete.
	This project is a particip of Contract No. 6600021877 which consists of the replacement of 11 bridges across District 08. Mr. Holloway will continue to
	assist in the roadway/bridge plan preparation bydraulic analyses/reporting and tonographic survey for these sites
10/24 – present	State Project No. H.0098735: LA 64: Roundabout @ LA 1019 - Mr. Holloway is assisting with the development of preliminary roadway plans for a
,	proposed roundabout on LA 64 in Livingston Parish. This project began as an in-house project at DOTD, where it reached the 30% preliminary plan
	stage, but was ultimately issued as a task order to DOTD Contract 4400026026 (IDIQ Contract for Roadway Design Safety). Mr. Holloway provided
	QA/QC of the alignment information shown on the layout and reference point sheets. He is currently assisting with the development of a 3D model
	of the project and is assisting with subsurface drainage design. Preliminary plans are approximately 45% complete.

Page 2 of 2 Blaine T. Holloway, E.I.



SECTION 16 - STAFF EXPERIENCE

Firm emp	bloyed by	Lazenby & Associates, Inc.							
Name	Hagan H	I. Lawrence, P.E.		Years of experience with this firm/employer 7					
Title	Project I	Engineer		Years of experience with other firm(s)/employer(s) 2					
Degree(s)	/Years/S	pecialization		B.S. / 2015 / Civil Engineering	E				
Active reg	Active registration number / state / expiration date			P.E. 0043645 / Louisiana / 03/31/2026	I.				
Year registered		2019	Discipline	Civil Engineering,					
Contract r	role(s) / bri	ef description of responsibilitie	es	Road Design, Hydraulic Analysis & Design					
Experience	e dates	Experience and qualification	is relevant to the proposed	contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experier	nce dates				
(mm/yy–n	nm/yy)	should cover the years of exp	perience specified in the ap	plicable MPR(s).					
Mr. Lawrence has 8 years of experience in performing roadway projects. Mr. Lawrence is familiar with the LI AASHTO design standards for roadway design. Mr. La roadway plans, on a variety of roadway projects.			experience in performing ence is familiar with the LD or roadway design. Mr. Lav of roadway projects.	drainage design, hydraulic analysis, and development of roadway plans on both LDOTD DOTD Roadway Design Procedure and Details Manual and the LDOTD Hydraulics Manual, a wrence has assisted in hydraulic analysis and design, as well as roadway design and prepa	and local as well as aration of				
		LA Specific Traffic Control LA Specific Traffic Control Traffic Engineering Analys One-Dimensional Modelir	Technician Course, 2024 (re Supervisor Course, 2024 (re sis Process & Report Class M ng of River Encroachments	efresher) efresher) 1odule 1, 2 & 3, 2021 with HEC-RAS Class, 2022					
1/16 – 8/17		State Project No. H010287:	Well Road Roundabout,	Ouachita Parish - Mr. Lawrence Assisted with drainage design, preparation of roadway p	blans, and				
02/10 Dm		quantity calculations (with p	revious employer). This pro	oject involved the construction of a roundabout at the I-20 westbound ramp terminal with w	vell Road.				
02/18 – Pré	esent	drainage design and assiste roundabouts and interstate	ed with development of dr ramp modifications. The fir	rainage plan-profile sheets and design drainage maps. This urban project includes five in nal plans are currently 98% complete.	multilane				
12/17 – Pre	esent	Ouachita Parish Police Jury of developing pavement pre are constructed under the Du utility relocation efforts as re Some of the Ouachita Parish State Project No. H.01174 State Project No. H.01174 State Project No. H.01374 State Project No. H.01375 State Project No. H.01386 State Project No. H.01386 State Project No. H.01386 State Project No. H.01386 State Project No. H.01386	r Road Program - Mr. Lawre servation roadway plans, in OTD Urban Systems progra quired to facilitate construct Urban Systems projects th 45 – Sandal Street (Reconstr 84 – Stubbs-Vinson Road (M 91 – Hadley Street (Mill, Patch 76 – Well Road (Mill, Patch 02 – Garrett Road (Mill, Patch 03 – Richwood Road No. 2 (1 04 – Wall Williams (Mill, Pat	ence is an integral team member of the Ouachita Parish Police Jury Road Program. His dutie icluding drainage design, to preserve and extend the life of Ouachita Parish roadways, some im. Mr. Lawrence has also assisted with processing of topographic survey data, as well as coo ction of these projects. hat Mr. Lawrence has provided professional services on include the following: ruction) fill, Patch and Overlay) (Project included 8' x 8' RCB) ch and Overlay and includes a segment of Reconstruction) and Overlay) ch and Overlay) ch and Overlay) (Project includes a segment of Reconstruction) ch and Overlay) (Project includes a segment of Reconstruction) and Overlay)	es consist of which ordinating				
1		State Project No. H.013805 – Fink's Hideaway Road (Reconstruction/Mill, Patch and Overlay)							



SECTION 16 – STAFF EXPERIENCE

State Project No. H.014347 – South Grand Street (Mill, Patch and Overlay) (Project included adding ADA compliant sidewalks along the length of the road to improve safety for pedestrians)
State Project No. H.014348 – Lee Avenue (Mill, Patch and Overlay) (Project included adding ADA compliant sidewalks along the length of the road to
improve safety for pedestrians) State Project No. H 014397 – Rowland Road (Mill, Patch and Overlay)
State Project No. H.014398 – Caples Road (Mill, Patch and Overlay)
Mr. Lawrence assists with construction support on these projects, including answering contractor RFI's and verifying patching areas.

Page 2 of 2 Hagan H. Lawrence, P.E.



SECTION 16 - STAFF EXPERIENCE

Firm emp	ployed by	Lazenby & Associates, Inc.							
Name	Jerry G.	Lazenby, P.E., P.L.S.		Years of experience with this firm/employer	42				
Title	Presider	lent		Years of experience with other firm(s)/employer(s)	16				
Degree(s)	Degree(s) / Years / Specialization			B.S. / 1965 / Civil Engineering		TO ST			
			P.L.S. 0002313/ Louisiana / 03/31/2026	-					
Active registration number / state / expiration date			2	P.E. 0012104 / Louisiana / 03/31/2026					
		1970	Dissipling	Professional Land Surveyor					
Year regis	stered	1970	Discipline	Professional Engineer (Civil and Environmental)		88 / 1			
Contract	role(s) / bri	ief description of responsibilitie	2S	Principal-In-Charge, Project Supervisor and Contract Management,	, QA-QC				
Experience	ce dates	Experience and gualification	s relevant to the proposed	contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed inter	section", etc	. Experience dates			
(mm/yy–r	mm/yy)	should cover the years of exp	perience specified in the ap	pplicable MPR(s).		•			
		Mr. Lazenby has over 50 yea	rs of experience in planning	g, surveying, designing, inspecting, and construction administration	of transport;	ation facilities. The			
		first 9 years of Mr. Lazenby's of	career were spend with the	U.S. Bureau of Public Roads/Federal Highway Administration at variou	us locations i	n the United States			
		as a Highway Engineer revie	wing and assisting state hig	ghway officials with transportation projects utilizing Federal-Aid trans	portation fu	nding from project			
		inception through construct	ion.		-				
		Mr. Lazenby has designed ar	nd supervised numerous pr	rojects for LDOTD over the past 42 years. He has been responsible for	the firm's gr	owth as well as the			
		reputation of the firm. He ha	as instilled in each member	r 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 (re	efresher)					
		National Environmental P	olicy Act (NEPA) and Trans	portation Decision Making					
		On this project, Mr. Lazenby	meets Minimum Personne	el Requirements No. 1 and No. 2.					
06/04 - 0	3/05	State Project No. 700-37-01	102: US 165 (Jct. LA 841 – F	Rilla), Ouachita Parish - Mr. Lazenby was Principal-in-Charge of this	project and	performed QA-QC			
01/06 – 06	5/09	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	5/04	State Project No. 700-99-02	37: Retainer Contract for I	Professional Surveying Services, Statewide - Mr. Lazenby was Princip	ole-in-Charg	e responsible for 15			
		Task Orders to perform topo	graphic surveys, property s	surveys, and develop ROW maps on various LDOTD projects in norther	n Louisiana.				
01/04 – 05	5/07	State Project No. 700-30-00	061: US 167 (Lillie to Arkar	nsas State Line), Union Parish - Mr. Lazenby was Principle-in-Charge	on this proj	ect 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 Corr	ridor Roadway and Bridges (I-220/Swan Lake Road Interchange to (Crouch Roa d	d), Bossier Parish -			
		Mr. Lazenby was Principle-ir	n-Charge and performed Q	QA-QC reviews of the plans. On this project, Lazenby & Associates d	eveloped to	pographic surveys,			
		property surveys, right-of-wa	y maps, preliminary roadw	vay and bridge plans and final roadway and bridge plans along a 7.8-m	ile corridor k	being developed as			
		an Urban Systems Project by the Bossier Parish Police Jury.							
12/07 – 05	j/16	State Project No. H.002622	: Arkansas Road (LA 616),	, Ouachita Parish - Mr. Lazenby was Principle-in-Charge, Project Ma	anager, and	performed QA-QC			
		reviews of the plans. On this	project, Lazenby & Associa	ates 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: IIJA Off-System Bridge Replacement Program - Mr. Lazenby is Principle-in-Charge responsible for the
	replacement of structurally deficient bridge structures for ten (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.

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SECTION 16 - STAFF EXPERIENCE

Firm emp	ployed by	Lazenby & Associates, Inc.					
Name	Ronald 3	J. Riggin, II, P.E., P.L.S.		Years of relevant experience with this employer	12		
Title	Project S	Surveyor		Years of relevant experience with other employer(s)	al and the		
Degree(s)	Degree(s) / Years / Specialization			B.S. / 2006 / Civil Engineering		a m	
Active registration number / state / expiration date		e	P.L.S. 0005119/ Louisiana / 03/31/2025				
				P.E. 0036016 / Louisiana / 03/31/2025			
., ·		2014		Professional Land Surveyor			
Year regis	stered	2011	Discipline	Professional Engineer (Civil)			
Contract	role(s) / bri	ef description of responsibilitio	1 2S	Topographic Survey			
Experience	ce dates	Experience and gualification	is relevant to the proposed	contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed inters	ection", etc	. Experience dates	
(mm/yy-r	mm/yy)	should cover the years of exp	perience specified in the ap	plicable MPR(s).	1		
(,55	, , , , , , , , , , , , , , , , , , , ,	Mr. Riggin is familiar with th	e requirements of the LDOT	[D Location and Survey Section for conducting topographic surveys, pr	operty surv	/evs and	
		hvdrographic surveys. Mr. R	iagin is responsible for qual	ity control of all survey data obtained by survey crews in conducting to		survevs. property	
		surveys, and hydrographic s	urveys. Mr. Riggin has over	five (5) years of experience in conducting and performing topographic	surveys, pr	operty surveys,	
		and developing right-of-way	y maps.		5 / 1		
		Mr. Riggin has successfully c	ompleted following continu	uing education classes, workshops, and seminars:			
		LA Specific Traffic Control 7	Fechnician Course, 2024 (ref	fresher)			
		LA Specific Traffic Control S	Supervisor Course, 2024 (ref	resher)			
		ATSSA Course for Traffic Fla	agger, 2024				
		On this project, Mr. Riggin m	neets the MPR Requirement	t No. 4.			
07/14 - 06	5/16	Retainer Contract No. 4400	0003471 – Retainer Contra	ct for Professional Surveying Services – Statewide - Project Surveyo	r responsib	le for coordination	
		and supervision of survey fie	eld crews performing topog	raphic surveys and property surveys on 14 Task Orders for an accumu	lated value	of \$436,473.00 for	
		LDOTD State Projects at vari	ous locations in northern Lo	puisiana.			
10/14 - 06	/17	Retainer Contract No. 4400	0004541 – Retainer Contra	ct for Professional Surveying Services – Statewide - Project Surveyo	r responsib	le for coordination	
		and supervision of survey fi	eld crews performing topog	graphic surveys and property surveys on 8 Task Orders for an accum	ulated valu	e of \$811,513.00 for	
		LDOTD State Projects at vari	ous locations in Louisiana.				
04/13 – 06	5/16	Project Surveyor for Contra	act No. 4400002862, S.P. ‡	# H.008768 – Hydrographic Survey Monitoring of Existing Bridges -	- Statewide	e (North Region) -	
		Performed hydrographic sur	veys on 14 Task Orders for m	nonitoring scour at major bridge sites in north Louisiana. Duties include	ed supervisi	on of survey crews,	
		analysis of survey data, and t	he development of required	d hydrographic survey reports at the various bridge locations.			
04/14 – Pr	resent	Professional Surveyor of Rec	cord for developing topogra	aphic surveys and Property Surveys for private clients on residential de	evelopment	ts and commercial	
developments in Ouachita Parish and northern Loui				isiana. Professional Engineer of Record for the overall design of	residentia	l and commercial	
		developments.					
03/15 – 08	3/17	State Project No. H.011742:	Ole Highway 15 Improvem	nents, Ouachita Parish - Mr. Riggin performed a topographic survey o	f a 2.2-mile	section of Ole Hwy	
		15 from US 80 to LA 616 and	then was the project engin	neer responsible for roadway design. This project consisted of pavem	ent recons	truction under the	
		DOTD Urban Systems prog	ram. (Note that we typica	lly perform a full topo survey, within existing right-of-way, on paver	nent preser	vation projects on	
		Ouachita Parish roadways. 1	This is not typically done for	LDOTD on-system pavement preservation projects.)			
05/16 – 02	2/18	Project Surveyor on the Ste	ep Bayou Sewer Main pro	ject of the West Ouachita Sewerage District No. 5 - Mr. Riggin perfo	rmed a top	ographic survey of	
		the alignment for a sewer m	ain trunk line from I-20 to N	lew Natchitoches Road along Steep Bayou in Ouachita Parish. He also	conducted	a boundary survey	
		of the right-of-way parcels a	long this route and develop	ed the necessary ROW maps and legal descriptions.			



SECTION 16 – STAFF EXPERIENCE

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.
06/18 – 09/18	State Project No. H.013776: Well Road, Ouachita Parish - Mr. Riggin 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 0.8-mile segment of Well Road from LA
	838 to I-20 under the DOTD Urban Systems program.
08/18 – 11/18	State Project No. H.013798: Harrell Road, Ouachita Parish - Mr. Riggin 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 1.8-mile segment of roadway from US 80
	to LA 616 under the DOTD Urban Systems program.
12/18 – 02/19	State Project No. H.013802: Garrett Road, Ouachita Parish - Mr. Riggin 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. Riggin 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. Riggin 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. Riggin 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.
02/20 – 04/20	State Project No. H.014347: South Grand Street, City of Monroe, Ouachita Parish - Mr. Riggin 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 1.8-mile segment
	of roadway from Orange Street to Standifer Avenue under the DOTD Urban Systems program.
11/20 – Present	Retainer Contract No. 4400019714 – Retainer Contract for Professional Surveying Services – Statewide (North Region) - Performing hydrographic surveys
	on major bridge structures in northern Louisiana for monitoring channel scour. Duties include 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.
01/17 – 01/20	Retainer Contract No. 4400009384 – 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 \$989,478 for
	LDOTD State Projects at various locations in Louisiana.
10/19 – 02/24	Retainer Contract No. 4400015326 – Retainer Contract for Professional Surveying Services – Statewide - Project Surveyor responsible for coordination
	and supervision of survey field crews performing topographic surveys and property surveys at various locations in Louisiana. A total of 17 Task Orders were
	issued for an accumulated value of \$1,858,496.
01/20 – Present	Retainer Contract No. 4400017710 – Retainer Contract for Professional Surveying Services – Statewide - Project Surveyor responsible for coordination
	and supervision of survey field crews performing topographic surveys and property surveys at various locations in Louisiana. To date, 2 Task Order has been
	completed for a value of \$492,689.

Page 2 of 2 Ronald J. Riggin, II, P.E., P.L.S.



SECTION 16 - STAFF EXPERIENCE

Firm employ	ed by Lazenby & Associates, Inc.							
Name Sa	ampognaro, Noah J., P.E.		Years of relevant experience with this employer	4				
Title Pr	roject Engineer		Years of relevant experience with other employer(s)	0				
Degree(s) / Ye	ears / Specialization		B.S. / 2020 / Civil Engineering		1350			
Active registr	ation number / state / expiration date	9	P.E. 0049838 / Louisiana / 09/30/2025					
Year registere	ed 2025	Discipline	Civil Engineering					
Contract role	(s) / brief description of responsibilitie	es	Road Design, Hydraulic Design & Analysis, Topographic Survey					
Experience da	ates Experience and qualification	s relevant to the proposed	contract; i.e., "designed drainage", "designed girders", "designed inte	rsection", etc	. Experience dates			
(mm/yy–mm/	/yy) should cover the years of exp	perience specified in the ap	plicable MPR(s).					
 Mr. Sampognaro has 4 years of experience in performing drainage design, hydraulic analysis, roadway design of LDOTD and local roadway projects. Mr. Sampognaro passed his P.E. Civil Transportation exam in October of Wyoming Cadastral Surveying Certificate Program. Mr. Sampognaro is familiar with the LDOTD Roadway LDOTD Hydraulics Manual, as well as AASHTO design standards for roadway design. Mr. Sampognaro also asset LIDAR data, creating survey centerline alignments (ALG's) using horizontal regression analysis, developing existing drainage maps for LDOTD topographic surveys. Mr. Sampognaro has successfully completed the following continuing education classes, workshops, and set TOPO Dot User Conference, 2022 One-Dimensional Modeling of River Encroachments with HEC-RAS Class, 2022 LA Specific Traffic Control Technician Course 2022 				on of roadway rently enrolle ure and Deta topographic models (DTM	/ plans on a variety d in the University ils Manual and the survey and mobile l's), and producing			
	LA Specific Traffic Control	Supervision Course, 2022						
01/21 – 06/21	Guard Rail Replacement (Lu sites in the City of Monroe. support by assisting with the	oop Rd., Pecanland Mall, a Mr. Sampognaro assisted v e final inspection and verify	and Plum St.), Ouachita Parish - This project consisted of the replace with calculating length of need for guard rail on the Loop Road site, ing pay quantities.	ement of gu and assisted	ard rail at three (3) I with construction			
08/21 – 11/22	North Frontage Road – Pha calculations and developing cost estimate. This project, v alignment north of Interstate Mr. Sampognaro also assisted estimates and change orders	 North Frontage Road - Phase 2, Ouachita Parish - Mr. Sampognaro assisted in the development of roadway plans, including performing drainage calculations and developing existing and design drainage maps. Mr. Sampognaro also assisted with quantity calculations and preparation of a const 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 or 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 process estimates and change orders and assisting with the final inspection and preparation of a punch list. 						
01/21 – 06/22	State Contract No. 4400015 to perform topographic sur collected with the use of GPS a terrestrial mobile lidar scar analysis, developing existing Some of the task orders on w	236: Retainer Contract for veys for various projects a 5 receivers, robotic total stat oner. His duties also includ digital terrain models (DTN which Mr. Sampognaro has	Professional Surveying Services – Statewide - This retainer contract across Louisiana. Mr. Sampognaro assisted in post-processing topog tions, and SX-10 terrestrial scanners, as well as using TOPO Dot softwa ed creating survey centerline alignments (ALG's) and associated rep Ms), and producing existing drainage maps.	t consisted of graphic surve re to extract o orts using ho	ⁱ fifteen task orders y data which was data collected with rizontal regression			
	State Project No. H.01170	6.5 – BNSF Several RR Xing	everal RR Xings (Baldwin) in St. Mary Parish (01/2021-08/2021)					
	State Project No. H.01203	32.5 – LA 2: Bridges Near Me	ges 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 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 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), 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.

Page 2 of 2 Noah J. Sampognaro, P.E.



SECTION 16 - STAFF EXPERIENCE

Firm em	ployed by	 Lazenby & Associates, In 	с.							
Name	James F	2. Spillers, P.E.			Years of experience with this firm/employer	30				
Title	Chief Ro	adway Design Engineer			Years of experience with other firm(s)/employer(s)	0	(22)			
Degree(s	Degree(s) / Years / Specialization				1994 / Civil Engineering		eal			
Active re	gistration	number / state / expiration o	date	P.E. 0	028574 / Louisiana / 09/30/2025					
Year reg	Year registered 1999 Discipline				ssional Engineer (Civil)					
Contract	t role(s) / bi	rief description of responsibi	lities	Road	Design, Hydraulic Analysis & Design					
Experier	nce dates	Experience and qualification	ons relevant to th	ne propo	osed contract; i.e., "designed drainage", "designed girders", "designed inter	section", e	etc. Experience			
(mm/yy-	-mm/yy)	dates should cover the yea	rs of experience s	specified	d in the applicable MPR(s).					
(mm/yy-mm/yy)dates should cover the years of experience specifiedMr. Spillers has 30 years of experience in planning also served as designer and Project Engineer on se is familiar with the LDOTD Minimum Design Guide as well as the AASHTO "Green Book", AASHTO RoadMr. Spillers has successfully completed numerous of LA Specific Traffic Control Supervisor Course, 202 One-Dimensional Modeling of River Encroachme Traffic Engineering Analysis Process & Report Cla Bridge Backwater Computer Program (WSPRO) National Environmental Policy Act (NEPA) and T Roundabout Design Workshop, Level 1, 2008 Roundabout Design Workshop, Level 2, 2009 Fundamentals of Planning, Design, & Approval of Highway Safety Manual Workshop, 2011 Access Management, Location and Design, 2014 Road Safety 365: A Safety Workshop for Local Gord				anning a er on sev n Guide TO Road nerous c urse, 202 coachme port Cla VSPRO), A) and Tr 008 2009 proval of proval of gn, 2014 _ocal Go	And designing highways, streets and bridges and related components on veral federal-aid Urban System projects for the Ouachita Parish Police Jury lines, LDOTD Roadway Design Procedures and Details Manual, and the LD Iside Design Guide, and the Manual on Uniform Traffic Control Devices. ontinuing education classes, workshops, and seminars, including the follow 4 refresher ents with HEC-RAS, 2022 iss Module 1, 2 & 3, 2021 1996 ransportation Decision Making, 2008 f Interchange Improvements to the Interstate System, 2009 evernments, 2016	vand City OTD Hyd	of Monroe. He raulics Manual,			
		Mr. Spillers has more than	26 years of expe	rience i	n preparation of roadway plans and development of roadway design proj	ects. On t	his project, Mr.			
		Spillers meets Minimum P	ersonnel Require	ment N	0. 3.					
07/05 – 0	01/08	State Project No. 015-08-0	0026: US 165 (LA	841 – Ri	IIa), Ouachita Parish - Mr. Spillers performed a hydraulic study and prepa	red prelim	ninary and final			
		roadway plans for widenin	g a 6.5-mile segm	nent of l	JS 165 to four lanes as part of TIMED program.					
05/07 – 0	05/10	State Project No. 713-33-0	110: Steve Ogder	n Road	Bridge Over Bayou Macon, Madison Parish - Mr. Spillers performed a bri	dge hydra	aulic study and			
		prepared preliminary and	final roadway plaı	ns for a g	girder bridge on new alignment. This project was successfully constructed	with no o	change orders.			
12/07 – 0	5/16	State Project No. H.002622: Arkansas Road (LA 616), Ouachita Parish - Mr. Spillers assisted with the hydraulic study of subsurface drainage systems								
		and prepared preliminary	and final roadway	y plans f	for widening a 3.2-mile segment of LA 616 to five lanes, including four mul	tilane rou	ndabouts. The			
		project included one bridg	e site, where an e	existing	timber bridge was replaced with a RCB.					
02/11 - 05	5/17	State Project No. H.00385	54: Bossier North	h-South	Corridor Roadway and Bridges (I-220/Swan Lake Road Interchange to	Crouch	Road), Bossier			
		Parish - Mr. Spillers perfor consisted of the reconstruct	med hydraulic st ction and realignr	studies for two bridge sites, and prepared preliminary and final roadway plans on this project. The project nment 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.
11/16 - 01/22	Quachita Parish Police Jury Road Program - Mr. Spillers has served as an integral team member of the Quachita Parish Police Jury Road Program
11/10 01/22	His duties consisted of evaluating parish roadways and developing payement preservation construction plans, including drainage design, to preserve
	and extend the life of Quachita Parish roadways many of which are design and constructed under the LDQTD Urban Systems program
	and extend the me of oddenital ransin oddways, many of which are design and constructed and of the EDOTD of ban systems program.
	Some of the Ouachita Parish Urban System pavement preservation projects that Mr. Spillers has provided professional services include:
	State Project No. H.011743 – 40 Oaks Farm Rd (Ark Rd – Standard Reed)(Mill, Patch and Overlay)
	State Project No. H.011783 – Parker Rd (Moore Rd – Garrett Rd)(Mill, Patch and Overlay)
	State Project No. H.013796 – Tanglewood Drive (La 15 – Dellwood Dr.)(Reconstruction)
	State Project No. H.013798 – Harrell Road (US 80 – Arkansas Rd)(Mill, Patch and Overlay)
	State Project No. H.013803 – Richwood Road No. 2 (US 165 – Brown Street)(Partial Reconstruction, Partial Mill, Patch and Overlay)
02/18 – Present	State Project No. H.007300: Kansas Lane – Garrett Road Connector and I-20 Improvements. Ouachita Parish - Mr. Spillers prepared preliminary
	roadway plans and is nearly complete with 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, a new overpass structure over I-20, and a new overpass
	structure over Millhaven Road (LA 594) and the adjacent KCS railroad tracks, as well as 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 for this project are currently 98% complete
08/22 - 12/24	US 165 Turn Lanes at Scott Drive. Quachita Parish - Mr. Spillers was responsible for preparing roadway plans and contract documents for this project
00,22 12,21	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
	being funded by I DOTD through Quachita Parish School Board
08/23 - present	State Contract No. 4400025025. District 05: UTA Off-System Bridge Penlacement Program - Mr. Spillers is in responsible charge of hydraulic analysis
00/20 present	and the development of preliminary roadway plans for ten (10) off-system bridge projects in LDOTD District 05 under this contract. He is also providing
	OA-OC reviews of 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, 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.
10/24 – present	State Project No. H.0098735: LA 64: Roundabout @ LA 1019 - Mr. Spillers is in responsible charge of the development of roadway plans for a proposed
	roundabout on LA 64 in Livingston Parish. This project began as an in-house project at DOTD, where it reached the 30% preliminary plan stage, but
	was ultimately issued as a task order to DOTD Contract 4400026026 (IDIQ Contract for Roadway Design Safety). Mr. Spillers has provided a proposed
	geometric layout, which has been accepted by DOTD with no comments, and is in responsible charge of drainage design as well as the development
	of a 3D model of the roundabout and proposed roadway approaches preliminary plans are currently 60% complete.

Page 2 of 2 James R. Spillers, P.E.



Firm employed by G.E.C., Inc.							
Name Jerome	lame Jerome Lohmann, P.E.			Years of experience with this firm/employer	9		
Title Senior I	Senior Professional Civil Engineer			Years of experience with other firm(s)/employer(s)	32		
Degree(s) / Years /	Degree(s) / Years / Specialization B.			1984 / Civil Engineering; A.A.S / 1977 / Surveying			
Active registration	n number / state / expiratior	n date	P.E. 0	024673 / Louisiana / 09/30/2026			
Year registered	1992	Discipline	Civil E	Engineer			
Contract role(s) / k	prief description of responsi	bilities	Road	Design			
Experience dates	Experience and qualification	tions relevant to th	e propo	sed contract; i.e., "designed drainage", "designed girders", "designed inter	section", etc. Experience		
(mm/yy–mm/yy)	dates should cover the ye	ears of experience s	specified	in the applicable MPR(s).			
	Mr. Lohmann has comple	eted and/or manage	ed preli	minary plans and cost estimates for the design and development of constru	uction plans for roadway		
	improvement projects, ir	ncluding providing	hydrau	lic analysis and design of drainage features on roadway construction proj	ects in accordance with		
	the current edition of D	DOTD's Hydraulics	Manual	. He has experience with reviewing existing data, as-built plans, impro	vement studies, boring		
	information, traffic data,	and field reconnais	sance. F	le has experience designing plans in accordance with the latest Louisiana	Standard Specifications		
	for Highways and Bridge	es and in the currer	nt editio	ns of DOID's Roadway Design Procedures and Details Manual, Bridge De	sign Manual, Hydraulics		
	Manual, EDSM I.I.I.II, Guide	dance for PRR Proj	ects, 34	Minimum Design Guidelines and DOID Pavement PRR Minimum Desig	n Guidelines, and DOID		
	Minimum Design Guidel	nnes. He reviews D	esign F	reports, Design Exceptions, and Design Waivers as needed for road designs for reading construction projects following completion of a Stage O	jn projects. He has also		
	State Droject No. H 012			Ave. Clearwiew Dkww Joffercen Darich Droject manager. This DDD	project which included		
00/17 - 10/10	letter (8 5 vil) size plans in	volved the milling	and over	Ave Clearview Pkwy, Jenerson Parish - Project Manager - This Prr	y with graphical grades		
	to reduce ponding along	the roadway Mr L	ohmani	$r_{\rm responsibilities}$ included scope fee project management and Ω	ig with graphical grades		
02/24 - Present	State Project No. H 0153	77: I A 182 Intercha	nge at	Willow I afavette Parish - Road Design Engineer - This project involved th	e redesign of local roads		
02/21 11050110	adjacent to Willow St and Evangeline Thruway and the redesign of Willow St itself. The local roads included the redesign of two frontage roads that						
	run parallel with Evangeline Thruway: the redesign and extension of an existing side street: and the widening and partial redesign of Willow St. for the						
	project's preliminary plans, Mr. Lohmann provides project management, along with review of the hydraulic calculations and construction plans.						
08/23 – Present	State Contract No. 4400025040: IIJA Off-System Bridge Program, District 61 Less EBR, East & West Feliciana, Iberville, Pointe Coupee, West						
	Baton Rouge, Ascension, and Assumption Parishes - Senior Project Manager - Mr. Lohmann is the senior project manager responsible for project						
	review and assists the de	esign engineers as n	needed.	He is also responsible for QA-QC.			
11/15 – Present	State Project No. H.003	074: I-10 Widening	g, Willia	ms Blvd. To Veterans Blvd., Jefferson Parish - Project Manager - GEC is	currently designing the		
	widening of I-10 between	n Williams Boulevard	d and Ve	eterans Boulevard interchanges in Jefferson Parish. Mr. Lohmann is current	ly managing final design		
	plans which are over 90% complete in accordance with DOTD's Roadway Design Procedures and Details Manual. The total project length is 2.58 and consists of the construction of one 12' additional lane with a 10' shoulder inside along the I-10 eastbound and westbound roadways. Included						
	project is the replaceme	ent and widening o	of the br	idges over Canal No. 3 and Veterans Blvd. Sound barriers, both ground-r	mounted and structure-		
	mounted on the north si	ide of I-10, form par	t of this	project. Design has also been performed on the replacement of portions	of the concrete lining of		
	Canal No. 3 that will be i	mpacted by the ne	ew bridg	ge design. Mr. Lohmann provided design in the preliminary plans phase a	nd design review of the		
	roadway during the final	plans phase. This p	oroject ir	ncluded a Level 2 Transportation Management Plan (TMP).			
11/15 – 08/16	State Project No. H.0114	35: US 11 Improven	nents S	chneider Canal, Slidell - Project Manager - The project elevated US 11 at th	he levee so that ongoing		
	construction of the levee	e (in separate projec	ts by th	e Parish) could continue beyond this point without a break in flood protec	tion at the highway. The		
	road section is a divided	two-lane raised me	edian w	Ith full-width shoulders and curb & gutter drainage to reduce the risk of i	road flooding and water		
	nazarus ior motorists. Sa	net and was raised as	nciude	Signage and scriping improvements and intersection safety modifications	. The highway remained		
	all aspects of design with	hite own in house	pproxim	aceiy to reet at the levee. Approximately 2,500 reet of the high way was alle	ne for this project in the		
	an aspects of design Will summer of 2016. It incom	n its own in-nouse	personi ad curb	ad road section including a raised median and a bike path. This project w	was the first project in the		
	summer of 2016. It incor	porates an improve	ea curbe	ed road section including a raised median and a bike path. This project w	vas the first project ever		



	designed with LADOTD specifications that included a levee. Mr. Lohmann designed approximately 2,700' of divided two lane and multi-lane roadway
	to raise the roadway over the levee on Schneider Canal. This project included a level 2 Transportation Management Plan (TMP).
09/19 – 04/24	LASAFE-Airline & Main Complete Streets, LaPlace - Project Manager - Mr. Lohmann managed the development of typical sections and preliminary layout for the project in accordance with LADOTD's Roadway Design Procedures and Details Manual, which consists of a 10' & 5' sidewalk along the north side of US 61 for improved accessibility and mobility and curb bump outs to reduce the crosswalk distances and eliminate parking within the vicinity of the crosswalks to improve sight distance of pedestrians at the crossings. Existing ditches will have pipes added & be reshaped to provide detention ponds to reduce time of concentration. Along Main St., design will provide parallel parking utilizing decorative brick & permeable base to reduce time of concentration. He oversaw the calculation of preliminary quantities & development of a preliminary estimated construction cost. He proposed the conceptual design to the Parish & received approval. He also oversaw development of the fee for all costs.
02/19 – Present	Mid-City RR126 Group C, RR127 Group D, and RR128 Group E: New Orleans - Project Manager - GEC is preparing plans, specifications, and estimates for the removal and replacement of an existing asphalt and concrete pavement and drainage structures, as well as replacement of waterline and sewer main. Tasks include horizontal and vertical geometry, subsurface drainage design, and cross section development. As PM, Mr. Lohmann has provided
	contract management, assists with design reviews, and performed fee negotiation.
08/23 – present	State Project No. H.008046 LA 3152: Clearview Operational Improvements, Jefferson Parish - Project Manager - This project involved the milling and overlaying of LA 3152 and new pavement marking and signage. Along with the milling and overlaying, turns lanes were being added, extended, etc., so new pavement sections were designed. Responsibilities included Scope, Fee project management and QA-QC.
10/24 – present	State Project No. H.0098735: LA 64: Roundabout @ LA 1019 - Mr. Spillers is in responsible charge of the development of roadway plans for a proposed
	roundabout on LA 64 in Livingston Parish. This project began as an in-house project at DOTD, where it reached the 30% preliminary plan stage, but
	was ultimately issued as a task order to DOTD Contract 4400026026 (IDIQ Contract for Roadway Design Safety). Mr. Spillers has provided a proposed
	geometric layout, which has been accepted by DOTD with no comments, and is in responsible charge of drainage design as well as the development
	of a 3D model of the roundabout and proposed roadway approaches preliminary plans are currently 60% complete.

Page 2 of 2 Jerome Lohmann, P.E.



Firm employed I	by G.E.C., Inc.						
Name Logan	Name Logan Michel, P.E.			Years of experience with this firm/employer	2		
Title Profes	sional Civil Engineer			Years of experience with other firm(s)/employer(s)	7		
Degree(s) / Years	/ Specialization		B.S. /	2014 / Civil Engineering			
Active registratio	n number / state / expiration o	date	P.E. 0	0043281 / Louisiana / 09/30/2025			
Year registered	2019	Discipline	Civil	Engineer			
Contract role(s) /	brief description of responsib	ilities	Road	Design			
Experience dates	Experience and qualificati	ons relevant to th	e propo	osed contract; i.e., "designed drainage", "designed girders", "designed inters	section", etc. Experience		
(mm/yy–mm/yy)	dates should cover the yea	ars of experience s	pecifie	d in the applicable MPR(s).			
	Mr. Michel has 9 years of	experience devel	loping	all aspects of roadway planning for LADOTD state projects, including br	idge spot replacement,		
	roundabouts, overlay proje	ects, and new roa	dway c	levelopment. His expertise includes planning and design, project and con	struction management,		
	and preparation and revie	ew of constructio	n data	and reports, including cost estimates, specifications, test results and scl	hedules. Mr. Michel has		
	completed the Traffic En	gineering Analysi	s Proce	ess and Report Modules 1-3 training. He has experience developing Lev	el 1 & 2 Transportation		
	Management Plans for roa	idway construction	n proje	cts and is familiar with the current editions of LADO ID's Louisiana Standard	Specifications for Roads		
	and Bridges, LADOID'S F	Roadway Design I	Proced	ures and Details Manual, LADOID's Minimum Design Guidelines, Roads	side Design Guide, and		
00/22 Dracant	Aydraulics Manual.			Chever Down Design Build Dreiset: Fast Paten Deuro Davish Deadur	Ny Decign Mr. Michellie		
00/22 – Present	Deadway Designer for the	CEC/Pob Prosto	ege Di	Figure Ramp Design-Build Project: East Baton Rouge Parisin - Roadwa	ay Design - Mr. Michellis		
	design and construction f	or the 1-10 & 1-12 C		C is responsible for engineering and design quality control services as her Dr Elvover Damp Design-Build urban freeway transportation project. Desig	an is in accordance with		
	Louisiana Standard Specifi	ications for Highw	avs and	I Bridges and LADOTD's Poadway Design Procedures and Details Manual M	Ir Michel developed and		
	revised Maintenance of Traffic (MOT) plans for all phases of construction. Mr. Michel is responsible for editing current or future design and revising						
	previously approved plan sheets as the project progresses. He works closely with the contractor to provide safe and effective organing construction for						
	all parties.	all parties.					
08/22 – Present	State Project No. H.003074: I-10 Widening, Williams Blvd. To Veterans Blvd., Jefferson Parish - Road Design - Project included the design of the						
	addition of a lane to the ex	addition of a lane to the existing interstate and the widening/replacement of bridges to accommodate the additional lane. Mr. Michel is reviewing GEC's					
	final plans which are mo	re than 95% com	iplete i	n accordance with LADOTD's Roadway Design Procedures and Details	Manual. Mr. Michel has		
	coordinated with the Geot	coordinated with the Geotechnical engineer to prepare technical plan sheets for surcharge construction.					
08/22 – Present	Bainbridge Ave. Roadway	y & Drainage Imp	rovem	ents, Kenner - Project Engineer - GEC is preparing plans for the drainage c	lesign of the Bainbridge		
	project. Mr. Michel's role consisted of preparing hydraulic calculations and drainage plan and profile sheets based on sub-consultant coordination,						
	coordination with Jefferson Parish, and implementation of Parish standards. Also, Mr. Michel prepared technical specifications and a OPCC (Opinion of						
	Probable Construction Cos	Probable Construction Cost) for GEC's portion of the design for each submittal stage.					
10/23 – Present	State Contract No. 4400	025040: IIJA Off-	System	Bridge Program, District 61 Less EBR, East & West Feliciana, Iberville	, Pointe Coupee, West		
	Baton Rouge, Ascension	, and Assumption	n Paris	nes - Design Engineer - Projects include the design of a bridge spot rep	Diacement of off-system		
	bridges. The design is in a	accordance with	Federa	I Ald Off-System Highway Bridge Program and the Off-System Hydraulic	: Design Guidelines. Mr.		
	Michels tasks include horizontal and vertical geometry, guardrail design, hydraulic analysis of the project area and the existing bridge, hydraulic						
	development of additional	I plan sheets and	nronari	ng cost estimates for proposed design)	s section development,		
10/18 - 10/21	State Project No. H 01081	5 6· Ι Δ 124 Evten	sion (S	regment 1) Cataboula Parish - Droject Engineer - This project consisted o	of constructing a private		
	drive into a new state road	(I A 124) Mr Mich	nel's res	ponsibilities included plan production designing new vertical and horizon	tal alignments based on		
	LADOTD's Minimum Design Guidelines and Poadside Design Guide, hydraulic analysis, geometric design, drainage design for multiple culvert location						
	(RCB culverts & cross drain	ns), cost analysis ar	nd estir	nation. (work done prior to joining GEC)			



Firm employed by G.E.C., Inc.							
Name Christo	pher Nipper, P.E.		Years of experience with this firm/employer	8			
Title Profess	ional Civil Engineer		Years of experience with other firm(s)/employer(s)	2			
Degree(s) / Years /	Specialization		B.S. / 2014 / Civil Engineering				
Active registration	number / state / expiration	date	P.E. 0043281 / Louisiana / 09/30/2025				
Year registered	1992	Discipline	Civil Engineer				
Contract role(s) / k	orief description of responsib	oilities	Road Design				
Experience dates	Experience and qualificat	ions relevant to th	e proposed contract; i.e., "designed drainage", "designed girders", "designe	ed intersection", etc. Experience			
(mm/yy–mm/yy)	dates should cover the ye	ars of experience s	pecified in the applicable MPR(s).				
	Mr. Nipper has 10 years of	experience providi	ng preliminary plans and cost estimates for the design and development o	f construction plans for roadway			
	improvement projects. Th	ne first two years	of his career were spent as a Road Design Engineer for LADOTD, affordi	ing him knowledge of LADOTD			
	standards and guidelines	required for roady	vay projects. He has experience with preliminary plans for roadway projec	ts in accordance with Louisiana:			
	Standard Specifications for	or Highways and E	ridges and DOTD's Roadway Design Procedures and Details Manual. He l	has designed projects requiring			
	milling and overlay in acc	ordance with 23 Cl	R 625, Design Standards for Highways and the current DOTD Design Guic	delines for Preservation Projects,			
	EDSM 1.1.1.11, Guidance for	PRR Projects, and	DOTD Pavement PRR Minimum Design Guidelines. He is also very famil	iar with AASHTO standards and			
	guidelines and has develo	ped Level 2 Trans	portation Management Plans for roadway construction projects. He has co	ompleted the following training:			
	FHWA-NHI-380096 Mode	ern Roundabouts:	intersections Designed for Safety hosted by LADOID/LIRC and Module	is I-3 of the Traffic Engineering			
	Process and Report Cours		Annual Character Director Tefference Database Conditionen This				
06/17 - 10/18	State Project No. H.0127	83: WB veterans,	Severn Ave Clearview Pkwy., Jefferson Parisn - Co-Designer - This p	project involved the milling and			
	overlay of veteraris Bivd. I	wo new drainage	systems were also designed along with the design of the twicel sections. He	g along the roadway. Mr. Nipper			
	was involved with checking the design of the drainage systems, along with the design of the typical sections. He also calculated quantities and						
2017	Estimated costs associated with the project.						
2017	State Project No. H.008046 LA SIS2: Clearview Operational Improvements, Senerson Parisin - Designer - This project involved the Thinning and overlaving of LA SIS2 and new payement marking and signage. Along with the milling and overlaving turn lanes were being added extended etc. so						
	new pavement sections were designed. Mr. Nipper was involved in checking and correcting the plans. He checked and calculated quantities and the						
	estimated costs.						
09/19 - 04/24	LASAFE-Airline & Main Complete Streets, LaPlace - Co-Designer – This project involved the milling and overlay of Veterans Blvd. Two new drainage						
	systems were also designed along with graphical grades to reduce ponding along the roadway. Mr. Nipper was involved with checking the design y						
	the drainage systems, along with the design of the typical sections. He also calculated quantities and estimated costs associated with the						
08/23 – Present	State Contract No. 4400	025040: IIJA Off-	System Bridge Program, District 61 Less EBR, East & West Feliciana, I	Iberville, Pointe Coupee, West			
	Baton Rouge, Ascension	, and Assumptior	Parishes - Project Manager & Road Design Engineer - This project invol	lved the spot replacement of 13			
	bridges across seven Paris	shes. Mr. Nipper w	as responsible for managing design for all 13 bridges. He also designed sev	veral of the bridges, including all			
	vertical and horizontal ge	ometry required. ()ther tasks performed on these bridges included designing required guar	rd rail, performing the hydraulic			
	analysis and developing	hydraulic reports,	and establishing limits for required right-of-way. He also developed cor	nstruction plans and calculated			
	quantities required for co	nstruction.					
06/17 – Present	State Project No. H.0030	974: I-10 Widening	, Williams Blvd. To Veterans Blvd., Jefferson Parish - Road Design - Pro	oject included the design of the			
	addition of a lane to the e	xisting interstate a	nd the widening/replacement of bridges to accommodate the additional l	lane. Mr. Nipper was responsible			
	for the hydraulic design of	f the proposed bric	ge decks, the westbound proposed bridge vertical curve, and for calculatir	ng elevations along bridge bents			
	and girders. He is assistin	g with final plans i	n accordance with LADOTD's Roadway Design Procedures and Details Ma	anual which are more than 95%			
	complete.						
02/20 – Present	State Project No. H.0138	97, I-10 & I-12 Coll	ege Dr Flyover Ramp Design-Build Project: East Baton Rouge Parish -	- Roadway Design - This project			
	involved the redesign of t	he I-10 WB/I-12 WE	merger, and the College Dr. Off Ramp. The existing I-12 WB was realigned	d to run alongside the existing I-			



	12 EB lanes, and the existing I-10 WB bridge over I-12 EB was raised, widened, and lengthened to provide room for the realigned I-12 WB lanes. Separate
	dedicated off ramps to College Dr. were provided from I-10 WB and I-12 WB. Mr. Nipper performed all of the geometric design for the project, and
	developed all of the roadway construction plans. Mr. Nipper was responsible for the hydraulic analysis and design for the entire project, and developed
	the hydraulic calculations and report. Mr. Nipper was also responsible for calculating quantities for all of the roadway and hydraulic portions of the
	project.
01/23 – 04/23	Overlay the West Causeway Approach Road at Chinchuba Bayou, St. Tammany Parish - Road Design Engineer - This project involved the
	rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the
	existing roadway, installing new pavement markers, and redesigning the existing guard rail in order to meet current safety standards. Mr. Nipper was
	responsible for the development of the construction plans, the design of the new guard rail, and calculating quantities.
02/24 – Present	State Project No. H.015372: LA 182 Interchange at Willow, Lafayette Parish - Road Design Engineer - This project involved the redesign of local roads
	adjacent to Willow St. and Evangeline Thruway, and the redesign of Willow St. itself. The local roads included the redesign of two frontage roads that
	run parallel with Evangeline Thruway; the redesign and extension of an existing side street; and the widening and partial redesign of Willow St. For the
	project's preliminary plans, Mr. Nipper was responsible for the geometry, both horizontal and vertical, for all the proposed roadways. Mr. Nipper was
	responsible for the hydraulic analysis and design, and developed the hydraulic calculations and report. Mr. Nipper also developed the construction
	plans for the project, and calculated the quantities required for construction.

Page 2 of 2 Christopher Nipper, P.E.



SECTION 16 - STAFF EXPERIENCE

Firm em	nployed by	Civil Design & Const	ruction, Inc. (C	CD&C)			
Name	Chris Ball	ard, P.L.S.		Years of relevant experience with this employer	8		
Title	Survey Ma	anager		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 / September 30, 2026			
Year reg	jistered	2010	Discipline	Land Surveyor			
Contract	t role(s) / br	ief description of respons	ibilities.	Mr. Ballard serves as the Survey Manager for this project. He will we	rk to oversee the project pro	ogress stays on	
				schedule, aide in both crew coordination and office production, and	provide final QC on the firm	ns' deliverable to	
				the Prime Consultant. Mr. Burgess has an extensive background in	providing topographic surve	eys for LADOTD in	
				accordance with Location and Survey policies and procedures. He h	nas overseen projects utilizir	ng traditional	
				means and methods of collecting data as well as those that include	the use of 3D Terrestrial Sca	anning.	
Experie	ence dates	Experience and qualifi	cations relevan	t to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders"	, "designed intersection", etc	c. Experience dates	
(mm/y	y–mm/yy)	should cover the years	of specified in	the applicable MPR(s).			
12/23 – 0	5/23	State Project No. H.01	2618 LA 347 D	rainage Improvements - Mr. Ballard is the Survey Manager for this pro)ject. Topographic Survey fo	r just over 2 miles	
		was completed to LAC	NOTD Location	and Survey Standards and practices	or this roadway improveme	nt project. Project	
02/23 - 1	2/23	State Project No. H.01	2027.5 - I-20 U	PPR - Mr. Ballard is the Survey Manager for this project. Topographic Su	rvev for the interstate in No	rth Louisiana. Both	
		traditional means and	methods and 3	3D Scanning were used to collect topographic data for this interstate a	nd overpass improvement p	project. This project	
		also included coordina	ite and survey o	of the Union Pacific Railroad line crossing I-20. Project was completed	to LADOTD Location and Su	rvey Standards and	
	practices.						
09/18-01/	/20	State Project No. H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge Parishes - 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						
		start of the project lim	nits to a point ju	ust before the approach of the I-10 Bridge and the limits of the projec	t along LA 415 including wo	rk on Tributaries of	
		the Intercoastal Canal	. This work in	cluded using 3D Scanning for the bridge at I-10 bridge @ LA 415 as we	Il as scanning every 500' for	control verification	
		and incorporation of t	ne Mobile Lidar	for the I-10 pavement.			
04/17-07	7/17	State Project NO. H.0	10006.5-3 LA 5	8 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Pa	rish - Mr. Ballard is the Surve	ey Manager for this	
		project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge					
the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with					with 3D terrestrial		
		scanning and hydrogr	aphic surveying	g.			
02/19-09	9/19	Bridge Replacements	s in East Felici	ana Parish, Rural East Feliciana Parish - Mr. Ballard is the Survey Ma	anager for this project for Ea	ast Feliciana Parish	
		Police Jury. It include	s the replacem	ent of 2 bridges which were damaged from flooding and the repairs t	o many rural roadways thro	oughout the parish.	
		These projects are bein	ng funded thru	FEMA and all documentation has to be in accordance with FEMA's po	licies and procedures.		



SECTION 16 – STAFF EXPERIENCE

01/17-12/17	East Baton Rouge Parish Bridges, East Baton Rouge Parish - 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	State Project No. H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish - 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	State Project No. H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes - 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	State Project No. H.003184.5 I-10 Texas State Line - East of Coone Gully, Calcasieu Parish - 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.
01/16 - 08/16	State Project No. H.005733.5 US 190 Superstreet, St. Tammany Parish - Mr. Ballard served as the Survey Project Manager on this project. CD&C provided
	a complete topo survey & drainage map along with utility coordination for the project. Project duties included processing of data, review of field notes and
	weeklies, & performing final punch list. This project also included work in the Abita River utilized 3D Terrestrial Scanning for the main route.
10/15 - 01/16	State Project No. H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish - Mr. Ballard served as the Survey Project
	Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 - 09/13	State Project No. H.002372 LA 42 Widening and Improvements, Ascension Parish - Mr. Ballard worked as a PLS on this project which included boundary
	and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 - 12/18	State Project No. H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish - Mr. Ballard served as the Survey Project Manager on this project
	that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits.
	Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning.

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SECTION 16 - STAFF EXPERIENCE

Firm employed	d by Civil Design & Constr	uction, Inc. (CD&	ιC)				
Name	Scott Benton		Years of experience with this firm/employer	6.5	1 1 m - 2		
Title	Survey Project Manager		Years of experience with other firm(s)/employer(s)	5	8 9= C #		
Degree(s) / Years / Specialization							
Active registration number / state / expiration date			ATSSA Traffic Control Supervisor, Technician & Flagger				
Year registered Discipline					160		
Contract role(s) / brief description of responsibilities		oilities	Mr. Benton serves as a Survey Project Manager and Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.				
Experience da	tes Experience and qualific	ations relevant to	o the proposed contract; <i>i.</i> e., "designed drainage", "designed girders", "designed interse	ction", etc.			
(mm/yy–mm/y	y) Experience dates shoul	d cover the years	of specified in the applicable MPR(s).				
12/23 – 05/23	2/23 – 05/23 State Project No. H.012618 LA 347 Drainage Improvements - Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for ju 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	23 – 08/23 State Project No. 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	18/23 State Project No. 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	State Project No. H.012 Louisiana. Both traditio project. This project als Survey Standards and p	2027.5 - I-20 UPP onal means and n so included coord oractices.	R - Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for the nethods and 3D Scanning were used to collect topographic data for this interstate and linate and survey of the Union Pacific Railroad line crossing I-20. Project was complete	e interstate overpass ir d to LADO	e in North mprovement TD Location and		
10/20 - 01/21	State Project No. H014 sub-consultant on this topographic data for th	302 US 165 Light project and was r	ting, Monroe - Mr. Benton served as the firm's lead 3D Scanning Technician on this ligh responsible for topographic surveying of US 165 south of Monroe for a highway lighting llected both traditionally and with the use of 3D Terrestrial Scanning.	ting projec improvem	rt. CD&C was a lient. The		
12/19 - 01/2020	State Project No. H.00 this project. CD&C as a the start of the project	State Project No. H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge - 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	State Project No. H.00 field data. CD&C was re approximately 1000 ft. I	State Project No. 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 endec 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	State Project No. H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge - 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 LA1 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 spu and parallel line.			an and later as a ir for DOW. CD&C an survey the spur			
02/13 – 06/13	06/13 State Project No. H.005693 LA 447, Walker - Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project proces survey field data. CD&C's responsibilities included all field work, utility coordination, review of existing survey data provided by LADOTD and all office v 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 su to the existing survey provided by LADOTD to produce an overall deliverable to be utilized in this design.				roject processing and all office work of the new survey		



10/14 - 12/14	State Project No. H.011088.5 West Prien Lake, Lake Charles - Mr. Benton served as Survey technician on this project processing survey field data. This
	project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment
	including all utilities and all drainage with the survey limits.
07/14 - 10/15	State Project No. H.010319.5 I-110 North St. to Plank Road, Baton Rouge - Mr. Benton served as the firm's 3D Scanning Tech on this project by working
	with the scan crew in the field, post processing the scans, and extracting necessary topographic data from them thru TopoDot to put into InRoads.

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SECTION 16 – STAFF EXPERIENCE

Firm er	mployed by	Civil Design & Cor	nstruction, Inc.	(CD&C)						
Name	Bradley	Jacobs, E.I.		Years of relevant experience with this employer	2					
Title	Survey	Fechnician		Years of relevant experience with other employer(s) 9						
Degree	e(s) / Years /	Specialization		BS/2015/Civil Engineering						
Active r	Active registration number / state / expiration date			32456 / Louisiana / September 30, 2025						
Year registered 06/08/2015 Discipline		Discipline	Engineering Intern							
Contract role(s) / brief description of responsibilities		nsibilities	Mr. Jacobs serves as a Survey Technician and will process field o	crew data and finalize	e deliverables.					
Experie	ence dates	Experience and qu	alifications rele	/ant to the proposed contract, <i>i.e.</i> , "designed drainage", "designed g	irders", "designed int	ersection", etc. Experience				
(mm/yy	/–mm/yy)	dates should cove	r the years of sp	ecified in the applicable MPR(s).						
12/23 - 05/23State Project No. H.012618 LA 347 Imiles of roadway. Both traditional nproject. Project was completed to L			H.012618 LA 347 Both traditional as completed to	7 Drainage Improvements - Mr. Jacobs is the Survey Technician for means and methods and 3D Scanning were used to collect topogra LADOTD Location and Survey Standards and practices.	this project. Topogra aphic data for this ro	aphic Survey for just over 2 adway improvement				
09)/23 – 12/23	State Project No.	State Project No. H.015619.5 LA 106 - Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 8 miles of							
		roadway. Traditior	roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project							
		was completed to	was completed to LADOTD Location and Survey Standards and practices							
05/23 – 08/23 State Project No. H.015056 - LA 68 roadway. Both traditional means an project. Project was completed to I			H.015056 - LA 6 ditional means as completed to	85 - Mr. Jacobs is the Survey Technician for this project. Topographic and methods and 3D Scanning were used to collect topographic da LADOTD Location and Survey Standards and practices.	Survey for just over ta for this roadway ir	4,503 feet of nprovement				
05/23 – 08/23 State Project No. H.015058 - LA 14 roadway. Both traditional means an project. Project was completed to I			H.015058 - LA 14 ditional means as completed to	Business – Mr. Jacobs is the Survey Technician for this project. Top and methods and 3D Scanning were used to collect topographic da LADOTD Location and Survey Standards and practices.	ographic Survey for j ta for this roadway ir	just over 12,300 feet of nprovement				
02	02/23 – 12/23 State Project No. H.012027.5 - I-20 Louisiana. Both traditional means a improvement project. This project a LADOTD Location and Survey Stance) UPPR - Mr. Jacobs is the Survey Technician for this project. Topogr and methods and 3D Scanning were used to collect topographic da also included coordinate and survey of the Union Pacific Railroad li idards and practices.	aphic Survey for the ata for this interstate ine crossing I-20. Pro	interstate in North and overpass oject was completed to				
08/22	2 – On-Goin	g State Contract No. 4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3 - Mr. Jacobs is working as a Survey Technician this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a consultant on this project.								
01/22 – 11/22 State Contract No. 4400017091 Lou Louisiana Watershed Initiative proje consultant on this project.			b. 4400017091 L ned Initiative pro project.	Duisiana Watershed Initiative Region 5 – Task Order 2 - Mr. Jacobs ject. He has been responsible for processing field data and creating	s is working as a Surv punch-lists for field	/ey Technician this crews. CD&C is a sub-				
01,	/15 – 05/15	Albany Annex - W for the properties t of the properties t	/orked on the bo that were obtair hat were obtain	oundary survey for extending the town limits of Albany, Louisiana. I v led for the annex. I set the new boundary lines for the new town lim ed.	vent to the courthou its. I also drew the m	ise and did title research ap showing the boundary				
06	5/15 – 06/19	Pecue Lane - Wor office. I also calcula verified that it mat	ked on Right of ated the bearing ches the maps.	Way maps and the Traverse Control Sketch. For the Right of Way m is and distances between each right of way monument. I also wrote I also created the control sketch based off the traverse. All drawings	aps, I set where the r the legal description were created up to	monuments will be in the ns for the Right of Way and DOTD Standards. Worked				



	on the horizontal and vertical alignments for the preliminary and final design of the project. Also set up the horizontal and vertical alignments for the
	detour road. Designed the subsurface drainage systems along with the existing and design drainage maps. Also worked on the drainage report with
	technical writing, drainage maps, and calculations. Set up the temporary erosion control and set the limits of construction. Worked on the joint
	layout and calculated the elevations for the graphical grade. Calculated the quantities and cost estimate for the project.
06/15 – 07/15	Essen Lane Control - Worked on Right of Way maps in the office and helped set monuments in the field. I set the points for all the right of way
	monuments in the office and then went to the field to assist the crews in staking out and setting the monuments
	2021 Bellacosa Residential Subdivision - Generate Point file for the survey crew to stakeout the property corners for each lot within the subdivision.
04/21 – 05/21	Jefferson and Corporate Interchange Survey - Created the GPS control sketch that shows the traverse for the survey.
06/21	Pollard Branch - Wrote the legal descriptions for three different tracts. The legal descriptions reflected the overall boundary survey maps.
	Topographic Surveys
06/14 – 07/14	I-12 to Bush - Worked as a rodman. We cut cross sections every 100 feet for road improvements and did a topographic survey using total stations.
	Set up the cross sections for 8 miles of new road. Worked on the drainage of the equalizer pipes throughout the project. Worked on the temporary
	and permanent erosion control for the entire project. Calculated the quantities and cost estimate for the project.
07/19 – 07/20	LA 964 - Designed the horizontal and vertical alignments for LA 964 for the new section that will cover the Comite Diversion Canal. Designed
	horizontal and vertical alignments for the diversion road. Designed the superelevation for the road in the horizontal curve. Designed the open
	channel ditches and sized the culverts for the project. Set up the typical sections and cross sections for the project. Calculated the quantities and
	cost estimate for the project.
07/18 -07/19	I-10 Widening from Highland to LA 73 - Worked on cross sections. Worked on the typical sections and drainage.

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Firm emp	oloyed by	Civil Design & Const	ruction, Inc. (CD	&C)				
Name	Madison M	1ills, P.L.S.		Years of relevant experience with this employer	3			
Title	e Survey Project Manager			Years of relevant experience with other employer(s) 4				
Degree(s)	Degree(s) / Years / Specialization			BS/2016/Civil Engineering				
Active registration number / state / expiration date			n date	5293 / Louisiana / March 31, 2025				
Year regis	stered	11/15/2022	Discipline	Professional Land Surveyor				
Contract I	role(s) / bri	ef description of respons	ibilities.	Mr. Mills joined CD&C in 2021 as a Land Surveying Intern and Land Surveyor. He serves as a Survey Technician and assistar process field crew data, and finalize deliverables.	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.			
Experie	nce dates	Experience and qual	ifications relevar	t to the proposed contract; <i>i</i> .e., "designed drainage", "designed g	girders", "designed intersect	tion", etc. Experience		
(mm/yy	/–mm/yy)	dates should cover th	ne years of specif	ied in the applicable MPR(s).				
12/23 - 05/23State Project No. H.012618 LA 347 Drainage miles of roadway. Both traditional means ar project. Project was completed to LADOTD				ainage Improvements - Mr. Mills is the Survey Project Manager o eans and methods and 3D Scanning were used to collect topograp DOTD Location and Survey Standards and practices.	n this project. Topographic S ohic data for this roadway im	Survey for just over 2 nprovement		
09/23 – 12/23 State Project No. H.015619.5 LA 106 - N roadway. Traditional means and meth completed to LADOTD Location and St			means and met D Location and S	Mr. Mills is the Survey Project Manager on this project. Topograph nods was used to collect limited topographic data for this overlay a Survey Standards and practices.	ic Survey for just over 8 mile and roadway rehabilitation p	es of project. Project was		
05/23	- 08/23	State Project No. H.015056 - LA 685 - Mr. Mills is 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	State Project No. H.(roadway. Both tradit was completed to LA	D15058 - LA 14 Bu ional means and DOTD Location a	usiness - Mr. Mills is the Survey Project Manager on this project. To methods and 3D Scanning were used to collect topographic data and Survey Standards and practices.	pographic Survey for just ov a for this roadway improvem	/er 12,300 feet of Ient project. Project		
02/23	5 – 12/23	State Project No. H.(Louisiana. Both tradi project. This project and Survey Standard	State Project No. H.012027.5 I-20 UPPR - Mr. Mills is 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	State Contract No. 4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3 - Mr. Mills is 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	2 – 11/22	State Contract No. 4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2 - Mr. Mills is working as a Survey PM this Louisiana Water Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the deliverables to the client. CD&C is a sub-consultant on this project.						
09/21	- 03/22	State Project No. H.	014747 Southerr	1 University Ravine Protection, East Baton Rouge Parish - Mr. M	1ills served as a Survey Techr	nician for this project.		
		CD&C as a sub-consu	Iltant on this proj	ect was responsible for topographic survey of the sites at Souther	n University. The topographi	ic data for this project		
		was collected both tr	aditionally and u	tilizing 3D Scanning.				
08/21 – 0	On-Going	State Project No. H. this route. The survey coordinate the collect	.011833.5 St. Mar / utilized 3D Terr tion for all the ut	y Street Sidewalks; Scott - Mr. Mills served as a Survey Tech for th estrial Scanning of all hard surfaces and traditional methods for a ility information and location such that survey crews could collect	nis project. CD&C completed Ill other features. CD&C SUE data and incorporate for the	d a topographic along personnel worked to e submittal up to OLD		



	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.
03/22 – 09/22	State Project No. H.010960.5-2 Roundabouts at LA 182, Lafayette - Mr. Mills served as a Survey Tech for the 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 was in accordance with latest LADOTD Location and Survey
	standards.
02/21 – 07/22	State Project No. H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek - Mr. Mills worked as a LSI on this project. He has helped manage crews,
	processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property
	surveys and ROW mapping.
02/21 – 07/22	State Project No. H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish - Mr. Mills worked as a LSI on this project. He has helped manage crews,
	processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property
	surveys and ROW mapping.
02/21 – 07/22	State Project No. H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin, Pointe Coupee Parish - Mr. Mills worked as a LSI on this project. He has
	helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also
	worked on property surveys and ROW mapping.
07/21 – 11/21	State Project No. H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge - Mr. Mills worked as a LSI on
	this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to
	the client.
02/21 – 05/21	State Project No. H.010108 Safe Routes to Schools – Independence Sidewalks, Baton Rouge - Mr. Mills worked as a LSI on this project. He has helped
	manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
07/21 – 12/21	State Project No. H.0014560.5 LA 94 Vermillion River, St. Martin Parish - Mr. Mills worked as a LSI on this project. He has helped manage crews,
	processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.

Page 2 of 2 Madison Mills, P.L.S.



SECTION 16 - STAFF EXPERIENCE

Firm employed by	Civil Design & Con	struction, Inc. (CD&	&C)					
Name Karla E. V	Veston, PE		Years of relevant experience with this employer	19				
Title Presiden	t		Years of relevant experience with other employer(s)	6	led l			
Degree(s) / Years / Sp	ecialization		Bachelor of Science / 1999 / Civil Engineering					
Active registration number / state / expiration date			31010 / Louisiana / March 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 mun projects provides her the knowledge and ability to oversee the firm the work is completed to LADOTD standards.	icipal entities on transpo ns' role as a sub-consulta	ortation nt and ensure			
Experience dates	Experience and	qualifications relev	/ant to the proposed contract; <i>i.</i> e., "designed drainage", "designed	girders", "designed int	ersection", etc.			
(mm/yy–mm/yy)	Experience dates	should cover the y	ears of experience specified in the applicable MPR(s).					
02/16-09/19	State Project No. H.003047 Pecue Lane/I-10 Interchange, Baton Rouge - 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	State Project No	State Project No. H.02960 Gramercy Bridge, St. James Parish - Mrs. Weston served as Principal-in-Charge for the firm's role as a subconsultant						
	for the engineeri	ng design elements	of the plans including Hydraulic Analysis and Design, Typical Sections,	, and Graphical Grades fo	or the project			
02/14 - 02/15	State Project No. H.010620 I-49 Design Build, Lafayette - 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	State Project No. H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish - 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 v	vorked to oversee t	he 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 - 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	State Project No. 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 - Mrs. 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 B	ackson Street Bridge over the Red River.						
06/12 – 10/12	State Project No. H.009986 – Paths 2 Progress. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 33 - Mrs.							
	Weston served as	Weston served as the Principal-in-charge/Project Manager for this roadway rehabilitation project of roads in Jefferson Parish. This included field						
	reconnaissance t	reconnaissance to determine severity of inundated roadways due to Hurricane Katrina, preparation and detailing of roadway rehabilitation plans,						
	typical sections, p	providing quantity of	calculations, etc.					
12/11 – 4/12	State Project No	. H.005902.5 - Cons	sulting Services for the Permanent Repair to Federal Aid Eligible Ro	ads as a Result of Dama	ige due to			
	Hurricane Katrin	a in 2005. Jefferso	on, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – G	roup 29 - Mrs. Weston se	erved as the			
	Principal-in-char	ge/Project Managei	r for this project which included survey, field reconnaissance to determ	ne severity of inundated	I roadways due			
	to Hurricane Katr	ina in the City of Ne	ew Orieans, preparation and detailing of roadway rehabilitation plans, t	ypical sections, providing	g quantity			
	calculations, etc.							



SECTION 16 – STAFF EXPERIENCE

Firm emp	Firm employed by A P S Engineering and Testing, LLC							
Name	Sergio A	viles, P.E., M.ASCE		Years of relevant experience with this employer	12			
Title	Presider	nt		Years of relevant experience with other employer(s) 10				
Degree(s)	Degree(s) / Years / Specialization			BS Civil Engineering/ 2001/ Geotechnical				
Active reg	gistration r	number / state / expiration dat	e	0033571/ LA / 03-31-2026				
Year regis	stered	2007	Discipline	Civil				
Contract	role(s) / br	ef description of responsibiliti	es	Project Manager/Designer/Field Crew and Lab Management				
Experience	ce dates	Experience and qualification	s relevant to the proposed	contract; <i>i.</i> e., "designed drainage", "designed girders", "designed intersec	tion", etc. Experience dates			
(mm	/уу–	should cover the years of exp	perience specified in the ap	oplicable MPR(s).				
mm/	′yy)							
1/21–3/21 State Project No. H.013458 H.H. Wilson Rd and Manchac Acres Rd - This project involved Drainage Bayou and Manchac Acres Road over Drain to Muddy Creek in Ascension, Pa including one-dimensional consolidation testing, soil classification, and boring log preparation				hac Acres Rd - This project involved preparation for two bridges located to Muddy Creek in Ascension, Parish. The scope of services included assification, and boring log preparation. Mr. Aviles was the Supervisor-En-	I on H.H. Wilson Road over drilling, laboratory testing gineer for the Geotechnical			
12/21-09/2	22	2 Ward Creek at Seigan Ln - The scope services for this project included subsurface investigation to enable an evaluation of an acceptable foundation for the proposed Ward Creek Channel Improvements. A P S drilled two (2) deep borings and tested recovered soils for strength and engineering characteristic Geotechnical reporting included slope stability analysis of the proposed channel, as well as general construction and erosion recommendations. Mr. Avile was the Manager to the Geotechnical Team.						
03/21-11/2:	-11/22 Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.) - The scope of services for this project included subsurface exploration of condition site to enable an evaluation of an acceptable foundation for the proposed pavement and the new bridge. A P S drilled (2) soil borings to 110 feet d at Elbow Bayou Crossing, three (3) soil borings to 80 feet deep each at highest fill placement locations, one (1) soil boring to 20 feet deep at traintersection and 32 soil borings to six (6) feet deep each for pavement at 700 feet intervals at selected boring locations. A P S tested recovered strength and engineering characteristics. The geotechnical report contained pavement and deep foundation recommendations, fill area se				pration of conditions at the prings to 110 feet deep each 20 feet deep at traffic light 5 tested recovered soils for ations, fill area settlement			
01/21-04/2	22	Bluebonnet Boulevard (Perkins Road-Picardy Avenue) - The purpose of the project was widening of Bluebonnet Boulevard at selected locations, addition of pedestrian walkways, replacement of existing bridge over Dawson Creek and addition of green infrastructure. The scope of services included subsurface exploration of conditions at the site to enable an evaluation for the proposed pavement. A P S drilled nine (9) pavement borings to six (6) feet deep from the top of existing subgrade material, two (2) soil borings to a depth of 10 feet each for the green infrastructure, and two borings to a depth of 100 feet each for the bridge. The scope of services also included conducting laboratory tests on selected samples recovered from the soil borings. The geotechnical report contained rigid pavement recommendations, deep foundation recommendations, green infrastructure recommendations, as well as site preparation and						
11/19–12/23	3	State Project No. H.010155: US 90 Railroad Overpass SE of LA 85 - A P S was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Aviles was the Manager to Geotechnical Design Team.						
01/22-05/2	24	 State Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge - A P S was selected with the winning team for the Design of the Diversion CMAR project. A P S performed the Geotechnical Design for the project. The scope also included conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 4 PDAs during construction monitoring. Mr. Aviles was the Project Manager for the Project Design team. Port Hudson-Pride Road (LA-964 – LA-19) - The scope included geotechnical investigation to enable an evaluation of an acceptable foundation for the 						
		proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Aviles was the Manager to Design Team.						



11/22–10/24	State Project No. H.001344 US 190: LA 437 to US 190 BUS - A P S was selected with the winning team for the Geotechnical Investigation and Design of
	the proposed new bridge. A total of 19 deep borings were drilled and tested for foundation recommendations. The scope also includes conducting
	testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed structures. A P S
	also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Aviles was the Project Manager for the Project Design Team.
03/15-04/15	Holly Drive Bridge Replacement- St. Tammany Parish - The scope included geotechnical investigation for the replacement of a bridge structure in
	Covington, Louisiana. A P S performed piles LRFD vertical resistance analyses for square PPC piles with sizes ranging 16-inch, 18-inch and 24-inches, roadway
	design, and culvert design. Mr. Aviles was the Principal Engineer for the Geotechnical Investigation.
06/20–Present	Rural Bridge Replacement Initiative - The scope includes geotechnical investigation and design for the replacement of 60 structures on the LA state
	highway system. Geotechnical investigation consists of drilling, laboratory testing, soil classification and site characterization. Engineering analysis includes
	slope stability analysis (when applicable) and pile capacity analysis for foundations to support new bridge structures. Mr. Aviles is the Supervisor-Engineer
	to the Geotechnical Investigations.
09/19–10/24	State Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12 - The scope included drilling and sampling a total of 52 deep borings
	starting at the Washington Exit and ending at the LSU Lakes. A P S drilled a total of eight (8) over the water borings and 44 land borings. Along with this
	drillingand sampling, A P S tested for strength and engineering characteristics of the soils with approximately 1000 Triaxial Compressions, Unconsolidated
	Drained Or Undrained (UU) and Atterberg Limits. A P S is currently providing PDA instrumentation, testing, and CAPWAP analysis. Mr. Aviles is the Project
	Manager to the Design Team.

Page 2 of 2 Sergio Aviles, P.E., M.ASCE



SECTION 16 – STAFF EXPERIENCE

Firm em	Firm employed by A P S Engineering and Testing, LLC							
Name	Sairam	Eddanapudi, P.E., M.E.		Years of relevant experience with this employer	12			
Title	Chief Er	ngineer		Years of relevant experience with other employer(s)	9			
Degree(s	gree(s) / Years / Specialization ME/2002/Civil Engineering							
				BE/1999/Civil Engineering				
Active re	gistration	number / state / expiratio	n date	0035129/ LA / 03-31-2026				
Year regi	istered	2009	Discipline	Civil				
Contract	: role(s) / br	ief description of respons	ibilities	Design Engineer/Laboratory QA Manager				
Experien	ice dates	Experience and qualific	ations relevant to the prop	posed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed	l intersection", etc. Experience dates			
(mm	n/yy–	should cover the years	of experience specified in ^r	the applicable MPR(s).				
mm	/уу)							
1/21–3/21		State Project No. H.013	3458 H.H. Wilson Rd and	Manchac Acres Rd - This project involved preparation for two bridge	es located on H.H. Wilson Road over			
		Drainage Bayou and M	1anchac Acres Road over	Drain to Muddy Creek in Ascension, Parish. The scope of services	included drilling, laboratory testing			
		including one-dimension	onal consolidation testing,	, soil classification, and boring log preparation. Mr. Sai was an Enginee	r for the Geotechnical Investigation.			
12/21-09/2	22	Ward Creek at Seigan	Ln - The scope services for	or this project included subsurface investigation to enable an evaluat	tion of an acceptable foundation for			
		the proposed Ward Cre	ek Channel Improvements	s. A P S drilled two (2) deep borings and tested recovered soils for stren	gth and engineering characteristics.			
		Geotechnical reporting included slope stability analysis of the proposed channel, as well as general construction and erosion recommendations. Mr. Sai						
		was the Chief Engineer to the Geotechnical Team.						
03/21–11/2	22	Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.) - The scope of services for this project included subsurface exploration of conditions at the						
		site to enable an evaluation of an acceptable foundation for the proposed pavement and the new bridge. A P S drilled (2) soil borings to 110 feet deep each						
		at Elbow Bayou Crossing, three (3) soil borings to 80 feet deep each at highest fill placement locations, one (1) soil boring to 20 feet deep at traffic light						
		intersection and 32 soil borings to six (6) feet deep each for pavement at 700 feet intervals at selected boring locations. A P S tested recovered soils for						
		strength and engineering characteristics. The geotechnical report contained pavement and deep foundation recommendations, fill area settlement						
	/22	recommendations, and	general construction reco	ommendations. Mr. sai was the Chief Engineer to the Geotechnical re	eam.			
01/21-04/	ZZ	of podostrian walloways	replacement of evicting h	venue) - The purpose of the project was widening of Bluebonnet Bour	evaluat selected locations, addition			
		or pedestrian warkways, replacement of existing bridge over Dawson Creek and addition of green infrastructure. The scope of services included subsurface						
		exploration of conditions at the site to enable an evaluation for the proposed pavement. A P S drilled nine (9) pavement borings to six (6) feet deep from the						
		the bridge. The scope of services also included conducting laboratory tests on selected samples recovered from the soil borings. The geotechnical report						
		contained rigid pavement recommendations deep foundation recommendations green infrastructure recommendations as well as site preparation and						
		general construction recommendations. Mr. Sai was the Chief Engineer to the Geotechnical Team.						
11/19-12/2	3	State Project No. H.01	0155: US 90 Railroad Ove	erpass SE of LA 85 - A P S was selected with the winning team for	the Geotechnical Investigation and			
,		Design for the proposed new overpass A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Sai was the Chief						
		Engineer for the Project Design Team.						
01/22-05/	/24	State Project No. H.00	1352.6 and H.002273.5: Co	omite River Diversion Bridge at LA 67. LA 19. and LA 19 RR Bridge - A	A P S was selected with the winning			
		team for the Design of	the Diversion CMAR proje	ct. A P S performed the Geotechnical Design for the project. The score	pe also included conducting testing			
		on the subsurface, base	and concrete placement	at the site to enable an evaluation of an acceptable standard for the	proposed roadway structures. A P S			
		performed a total of 4 F	² DAs during construction	monitoring. Mr. Sai was the Chief Engineer for the Project Design Tea	am.			
09/21-05/	/24	Port Hudson-Pride Roa	ad (LA-964 - LA-19) - The	scope included geotechnical investigation to enable an evaluation of	of an acceptable foundation for the			
		proposed pavement re	habilitation and new bride	ge. A total of 26 borings were drilled and tested for Geotechnical reco	mmendations. Mr. Sai was the Chief			
		Engineer for the Project Design Team.						



SECTION 16 – STAFF EXPERIENCE

03/15-04/15	Holly Drive Bridge Replacement- St. Tammany Parish - The scope included geotechnical investigation for the replacement of a bridge structure in
	Covington, Louisiana. A P S performed piles LRFD vertical resistance analyses for square PPC piles with sizes ranging 16-inch, 18-inch and 24-inches, roadway
	design, and culvert design. Mr. Sai was the Project Manager for the Geotechnical Investigation.
06/20–Present	Rural Bridge Replacement Initiative - The scope includes geotechnical investigation and design for the replacement of 60 structures on the LA state
	highway system. Geotechnical investigation consists of drilling, laboratory testing, soil classification and site characterization. Engineering analysis includes
	slope stability analysis (when applicable) and pile capacity analysis for foundations to support new bridge structures. Mr. Sai is the Chief Engineer to the
	Geotechnical Investigations.
09/19–10/24	State Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12 - The scope included drilling and sampling a total of 52 deep borings
	starting at the Washington Exit and ending at the LSU Lakes. A P S drilled a total of eight (8) over the water borings and 44 land borings. Along with this
	drilling and sampling, A P S tested for strength and engineering characteristics of the soils with approximately 1000 Triaxial Compressions, Unconsolidated
	Drained Or Undrained (UU) and Atterberg Limits. A P S is currently providing PDA instrumentation, testing, and CAPWAP analysis. Mr. Sai is the Chief
	Engineer for the Project Design Team.
11/22–05/24	State Project No. H.001344 US 190: LA 437 to US 190 BUS - A P S was selected with the winning team for the Geotechnical Investigation and Design of
	the proposed new bridge. A total of 19 deep borings were drilled and tested for foundation recommendations. The scope also includes conducting
	testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed structures. A P S
	also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Sai is the Chief Engineer for the Project Design Team.

Page 2 of 2 Sairam Eddanapudi, P.E., M.ASCE



SECTION 16 – STAFF EXPERIENCE

Firm emp	Firm employed by A P S Engineering and Testing, LLC						
Name	Surendr	a Pathak, P.E., M.S.		Years of relevant experience with this employer	11		
Title	Geotech	hnical Engineer		Years of relevant experience with other employer(s) 10			
Degree(s)	Degree(s) / Years / Specialization			MSCE/2013/ Civil Engineering			
A ativ ca was a							
Active rec	gistration i	humber / state / expiration dat		0043487/ LA/ 09-03-2025			
Year regis	Year registered 2019 Discipline		Discipline				
Contract	role(s) / br	lef description of responsibiliti	les	Design Engineer/QA-QC Field Testing/Laboratory QA			
Experienc	ce dates	Experience and qualification	is relevant to the proposed	contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersed	ction", etc. Experience dates		
(mm	/уу–	should cover the years of ex	perience specified in the ap	oplicable MPR(s).			
mm/;	уу)						
1/21–3/21		State Project No. H.013458	H.H. Wilson Rd and Mand	hac Acres Rd - This project involved preparation for two bridges locate	ed on H.H. Wilson Road over		
		Drainage Bayou and Mancl	hac Acres Road over Drain	n to Muddy Creek in Ascension, Parish. The scope of services included	d drilling, laboratory testing		
		including one-dimensional Investigation.	consolidation testing, soi	l classification, and boring log preparation. Mr. Pathak was an Eng	ineer for the Geotechnical		
12/21-09/2	22	Ward Creek at Seigan Ln -	The scope services for this	project included subsurface investigation to enable an evaluation of a	n acceptable foundation for		
		the proposed Ward Creek Cl	hannel Improvements. A P S	S drilled two (2) deep borings and tested recovered soils for strength and	engineering characteristics.		
		Geotechnical reporting included slope stability analysis of the proposed channel, as well as general construction and erosion recommendations. Mr. Pathak					
		was an Engineer to the Geotechnical Team.					
03/21-11/22	2	Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.) - The scope of services for this project included subsurface exploration of conditions at the					
		site to enable an evaluation of an acceptable foundation for the proposed pavement and the new bridge. A P S drilled (2) soil borings to 110 feet deep each					
		at Elbow Bayou Crossing, three (3) soil borings to 80 feet deep each at highest fill placement locations, one (1) soil boring to 20 feet deep at traffic light					
		intersection and 32 soil borings to six (6) feet deep each for pavement at 700 feet intervals at selected boring locations. A P S tested recovered soils for					
		strength and engineering characteristics. The geotechnical report contained pavement and deep foundation recommendations, fill area settlement					
		recommendations, and general construction recommendations. Mr. Pathak was an Engineer to the Geotechnical Team.					
01/21-04/2	22	Bluebonnet Boulevard (Perkins Road-Picardy Avenue) - The purpose of the project was widening of Bluebonnet Boulevard at selected locations, addition					
		of pedestrian walkways, replacement of existing bridge over Dawson Creek and addition of green infrastructure. The scope of services included subsurface					
		exploration of conditions at the site to enable an evaluation for the proposed pavement. A P S drilled nine (9) pavement borings to six (6) feet deep from the					
		top of existing subgrade material, two (2) soil borings to a depth of 10 feet each for the green infrastructure, and two borings to a depth of 100 feet each for					
		the bridge. The scope of services also included conducting laboratory tests on selected samples recovered from the soil borings. The geotechnical report					
		contained rigid pavement recommendations, deep foundation recommendations, green infrastructure recommendations, as well as site preparation and					
		general construction recommendations. Mr. Pathak was an Engineer to the Geotechnical Team.					
11/19–12/23	3	State Project No. H.010155: US 90 Railroad Overpass SE of LA 85 - A P S was selected with the winning team for the Geotechnical Investigation and					
		Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Pathak was the Senior					
		Engineer for the Project Design Team.					
01/22-05/2	24	State Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge - A P S was selected with the winning					
		team for the Design of the Diversion CMAR project. A P S performed the Geotechnical Design for the project. The scope also included conducting testing					
		on the subsurface, base and	l concrete placement at the	e site to enable an evaluation of an acceptable standard for the propose	ed roadway structures. A P S		
		performed a total of 4 PDAs	during construction monit	toring. Mr. Pathak was the Senior Engineer for the Project Design Team			
09/21-05/2	24	Port Hudson-Pride Road (L	. A-964 – LA-19) - The scop	e included geotechnical investigation to enable an evaluation of an ac	ceptable foundation for the		
		proposed pavement rehabil	litation and new bridge. A [.]	total of 26 borings were drilled and tested for Geotechnical recommen	dations. Mr. Pathak was the		
		Senior Engineer for the Project Design Team.					



SECTION 16 – STAFF EXPERIENCE

	Rural Bridge Replacement Initiative - The scope includes geotechnical investigation and design for the replacement of 60 structures on the LA state
06/20 Drosont	highway system. Geotechnical investigation consists of drilling, laboratory testing, soil classification and site characterization. Engineering analysis includes
00/20-Present	slope stability analysis (when applicable) and pile capacity analysis for foundations to support new bridge structures. Mr. Pathak is the Project Manager to
	the Geotechnical Investigations.
	State Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12 - The scope included drilling and sampling a total of 52 deep borings
	starting at the Washington Exit and ending at the LSU Lakes. A P S drilled a total of eight (8) over the water borings and 44 land borings. Along with this
09/19–10/24	drillingand sampling, A P S tested for strength and engineering characteristics of the soils with approximately 1000 Triaxial Compressions, Unconsolidated
	Drained Or Undrained (UU) and Atterberg Limits. A P S is currently providing PDA instrumentation, testing, and CAPWAP analysis. Mr. Pathak is the Senior
	Engineer for the Project Design Team.
	State Project No. H.001344 US 190: LA 437 to US 190 BUS - A P S was selected with the winning team for the Geotechnical Investigation and Design of
11/22–05/24	the proposed new bridge. A total of 19 deep borings were drilled and tested for foundation recommendations. The scope also includes conducting
	testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed structures. A P S
	also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Pathak is the Senior Engineer for the Project Design Team.

Page 2 of 2 Surendra Pathak, P.E., M.ASCE







Firm name	Lazenby	& Assoc	iates, Inc.						Discipline(s)*	Road		
Project name	Finks Hid	le-A-Way	/: Barkley-Ba	you Oaks	5			Firr	m responsik	oility (prime or sub?)	Prime	
Project numbe	ct number S.P.N. H.013805 Owner's name Ouachita Pa						ta Parish Poli	ce Ju	ury				
Project location Ouachita Parish Ov						Owner's Pro	oject	Manager	Johr	n Tom Murray			
Owner's addre	ss, phone, (email	P.O. Box 30	07, Monro	oe, LA 712	210							
			Telephone:	(318)387-	2383	e-m	ail: jtmurray@	goop	pj.org				
Services commenced by this firm (mm/yy) 01/24 Total consulta						onsultant	contract cos	t (\$1,	000's)				\$510.9
Services completed by this firm (mm/yy) 06/24 Cost of con					consulta	nt services pr	rovid	led by this f	irm (\$	1,000's)		\$510.9	

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

Lazenby & Associates, Inc. was the prime consultant on this project, which is a pavement preservation project on a local Ouachita Parish roadway. The project involved both a mill, patch, and overlay segment and a segment which required base course reconstruction with asphalt concrete overlay. The project also included the replacement of numerous drainage structures and deficient guardrail.

This project was funded through the Louisiana Department of Transportation and Development's Urban System Program.

Key personnel involved in the project include the following:

- Kevin E. Crosby, P.E., P.L.S.
- Ronald J. Riggin, II, P.E., P.L.S.
- James S. Ellingburg, P.E.
- Hagan Lawrence, P.E.
- Noah Sampognaro, P.E.





SECTION 17 – FIRM EXPERIENCE

Firm name	Lazenby & Asso	ciates, Inc.						Discipline(s)*	Road		
Project name	Rowland Road (LA 139 – LA 59	94)				Firi	rm responsib	oility (orime or sub?)	Prime	
Project number	S.P.N. H.0143	Ouachit	ta Parish Poli	ce Jı	ury							
Project location	Ouachita Pa		Owner's Pro	oject	t Manager	Johr	n Tom Murray					
Owner's addres	s, phone, email	P.O. Box 30	07, Monro	oe, LA 712	210							
		Telephone:	(318)387-	2383	e-ma	ail: jtmurray@	gop	pj.org				
Services commenced by this firm (mm/yy) 01/21 Total cons						otal consultant contract cost (\$1,000's)						\$227.8
Services completed by this firm (mm/yy) 09/21 Cost of					Cost of consultant services provided by this firm (\$1,000's)					\$227.8		

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

Lazenby & Associates, Inc. was the prime consultant on this project, which is a pavement preservation project on a local Ouachita Parish roadway. The project involved a mill, patch, and overlay segment. The project also included the replacement of numerous drainage structures. Lazenby & Associates performed topographic surveying in support of pavement preservation plan preparation, prepared preliminary and final pavement preservation plans, and performed hydrology and hydraulic calculations to replace numerous drainage structures.

This project was funded through the Louisiana Department of Transportation and Development's Urban System Program.

Key personnel involved in the project include the following:

- Kevin E. Crosby, P.E., P.L.S.
- Ronald J. Riggin, II, P.E., P.L.S.
- James S. Ellingburg, P.E.
- Hagan H. Lawrence, P.E.



SECTION 17 - FIRM EXPERIENCE

Firm name	Lazenby & Asso	ciates, Inc.						Discipline	e(s)*	Road		
Project name	Wall Williams (C	Good Hope – \	Whites Fe	erry)			Firm	n responsib	oility (prime or sub?)	Prime	
Project number	S.P.N. H.01380	ta Parish Poli	ce Ju	ry								
Project location		Owner's Pro	oject l	Manager	Joh	n Tom Murray						
Owner's addres	s, phone, email	P.O. Box 30	07, Monro	oe, LA 712	210, (318)3	387-2383: jtm	nurray	/@oppj.org	I			
Services commenced by this firm (mm/yy) 04/20 Total consul						contract cos	it (\$1,0	000's)				\$254.5
Services completed by this firm (mm/yy) 07/21 Cost of cons					consulta	nt services pr	rovide	ed by this fi	irm (\$	\$1,000's)		\$254.5

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

Lazenby & Associates, Inc. was the prime consultant on this project, which is a pavement preservation project on a local Ouachita Parish roadway. The project involved both a mill, patch, and overlay segment and a segment which required base course reconstruction with asphalt concrete overlay. The project also included the replacement of numerous drainage structures, including the replacement of a structurally deficient timber bridge with a 3 – 8' x 7' Precast Reinforced Concrete Box Culvert. Lazenby & Associates performed topographic surveying in support of pavement preservation plan preparation, prepared preliminary and final pavement preservation plans, and performed hydrology and hydraulic calculations to replace the deficient bridge and numerous drainage structures.

This project was funded through the Louisiana Department of Transportation and Development's Urban System Program.

Key personnel involved in the project include the following:

- Kevin E. Crosby, P.E., P.L.S.
- James R. Spillers, P.E.
- James S. Ellingburg, P.E.
- Hagan Lawrence, P.E.





SECTION 17 - FIRM EXPERIENCE

Firm name	Lazenby & Asso	ciates, Inc.						Discipline((s)*	Road		
Project name	Richwood Road	No. 2 (US 165	– Brown	Street)			Firm	n responsib	ility (prime or sub?)	Prime	
Project numbe	oject number S.P.N. H.013803 Owner's name Oua							ry				
Project location Ouachita Parish						Owner's Pro	oject l	Manager	Johi	n Tom Murray		
Owner's addres	ss, phone, email	P.O. Box 300	07, Monra	be, LA 712	210, (318)3	387-2383: jtm	nurray	/@oppj.org				
Services commenced by this firm (mm/yy) 02/20 Total consul						contract cos	it (\$1,0	000's)				\$184
Services completed by this firm (mm/yy) 05/23 Cost of consu					consulta	nt services pr	rovide	ed by this fir	rm (\$	51,000's)		\$184

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

Lazenby & Associates, Inc. was the prime consultant on this project, which is a pavement preservation project on a local Ouachita Parish roadway. The project involved both a mill, patch, and overlay segment and a segment which required base course reconstruction with asphalt concrete overlay. The project also included the replacement and installation of numerous drainage structures, including installing catch basins and storm drain pipe to enclose a ditch to improve the safety of the roadway. Lazenby & Associates performed topographic surveying in support of pavement preservation plan preparation, prepared preliminary and final pavement preservation plans, and performed hydrology and hydraulic calculations to replace and install numerous drainage structures.

This project was funded through the Louisiana Department of Transportation and Development's Urban System Program.

Key personnel involved in the project include the following:

- Kevin E. Crosby, P.E., P.L.S.
- James R. Spillers, P.E.
- James S. Ellingburg, P.E.
- Hagan Lawrence, P.E.



SECTION 17 - FIRM EXPERIENCE

Firm name	Lazenby & Associates, Inc.					Discipline	(s)*	Road		
Project name	Harrell Road (US 80 – Arkans	as Rd)			Firm	n responsib	ility (prime or sub?)	Prime	
Project numbe	r S.P.N. H.013798	e Ouachi	ta Parish Poli	ce Ju	ry					
Project location	n Ouachita Parish		Owner's Pro	oject N	Manager	Johi	n Tom Murray			
Owner's addres	ss, phone, email P.O. Box 30	07, Monroe, LA	71210, (318)	387-2383: jtm	nurray	/@oppj.org				
Services comm	enced by this firm (mm/yy)	consultant	t contract cos	st (\$1,C	000's)				\$267.2	
Services compl	of consulta	nt services pr	rovide	ed by this fi	rm (\$	51,000's)		\$267.2		

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

Lazenby & Associates, Inc. was the prime consultant on this project, which is a pavement preservation project on a local Ouachita Parish roadway. The project involved a mill, patch, and overlay segment. The project also included the replacement of numerous drainage structures and deficient guardrail. Lazenby & Associates performed topographic surveying in support of pavement preservation plan preparation, prepared preliminary and final pavement preservation plans, and performed hydrology and hydraulic calculations to replace numerous drainage structures.

This project was funded through the Louisiana Department of Transportation and Development's Urban System Program.

Key personnel involved in the project include the following:

- Kevin E. Crosby, P.E., P.L.S.
- Ronald J. Riggin, II, P.E., P.L.S.
- James S. Ellingburg
- Hagan Lawrence, P.E.





SECTION 17 – FIRM EXPERIENCE

Firm name	G.E.C., Inc.							Discipline	(s)*	Road		
Project name	North Causeway	Approach R	oad Overlay				Firr	n responsib	oility (prime or sub?)	Prime	
Project numbe	r N/A		New Orleans	s Exp	ressway Co	mmi	ssion (GNOEC)					
Project location	ject location Mandeville, Louisiana						oject	Manager	Carl	ton Dufrechou		
Owner's addres	s, phone, email	PO Box 765	6, Metairie, L	A 70010,	(504)	835-3118, cdu	ufrec	hou@gnoe	c.org			
Services commenced by this firm (mm/yy) 12/23 Total con						Total consultant contract cost (\$1,000's)						\$265
Services completed by this firm (mm/yy) Ongoing Cost of co					consu	ultant service	es pro	ovided by th	nis firr	m (\$1,000's)		\$265

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

GEC provided final construction plans in accordance with AASHTO Standards and the LADOTD specifications for improvements to North Causeway Boulevard in Mandeville, LA. The purpose of the project was to REHABILITATE THE EXISTING ROADWAY AND BRIDGE AND IMPROVE SAFETY by upgrading the existing guard rail within the project limits.

GEC's design improved safety for motorists by upgrading the existing guard rail.

GEC's scope includes developing final plans to produce bid documents and construction engineering and inspection services for the roadway and bridge improvements. The

rehabilitation of the roadway included MILLING AND OVERLAYING the existing asphalt roadway, making any necessary PATCH REPAIRS, providing new pavement striping and raised pavement markers, and providing new roadway signage. The existing guard rails within the project limit were redesigned to provide better safety for motorists. The existing bridge spanning Chinchuba Bayou was also rehabilitated through milling and overlaying and repairing deck joints.

GEC prepared plans with the base bid for work on GNOEC right-of-way and the afterwork bid for work on LADOTD right-of-way for the joint project between GNOEC and LADOTD.



Key personnel involved in the project include the following:

- Christopher Nipper, P.E.
- Cary Bourgeois, P.E.



SECTION 17 – FIRM EXPERIENCE

Firm name	G.E.C., Inc.					Discipline((s)*	Road		
Project name	Mid-City RR126 Group C, RR12	7 Group D, and	d RR128 Gro	up E	Firm	n responsibi	ility (prime or sub?)	Prime	
Project numbe	r N/A	e City of N	New Orleans							
Project locatior	n New Orleans, Louisiana		Owner's Pro	oject N	Manager	Dav	id Pearson			
Owner's addres	ss, phone, email 🛛 1300 Perdid	o Street, New (Orleans, Lou	iisiana, David	.pears	son@nola.g	JOV			
Services comm	enced by this firm (mm/yy)	Total consultant contract cost (\$1,000's)						\$1,918		
Services compl	eted by this firm (mm/yy)	Cost of cons	ultant service	es pro	vided by th	is firr	m (\$1,000's)		\$1,918	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) Mid-City is defined by a road network that includes almost every type of roadway classification. The neighborhood is bounded on the west by the Pontchartrain Expressway and to the south by U.S. 90 (Broad Street). Other important major arterials that bisect the neighborhood include Carrollton Avenue, a major commercial street that runs from St. Charles Avenue at the river to Esplanade Avenue at City Park, and Jeff Davis Parkway, one of the widest boulevards in New Orleans. The most important streets running along a northeast/southwest vector are Canal Street and Tulane Avenue. These streets are key commercial corridors in the neighborhood and Canal has one of the few fixed rail transit lines in the City. Mid-City experienced extensive flooding in the aftermath of Hurricane

GEC is providing engineering and construction management services for roadway enhancement and reconstruction of damaged streets for FEMA eligible roadway repairs in the city of New Orleans.

Katrina and has been involved in an ongoing rebuilding effort. The flooding exceeded 5 feet in approximately 60 percent of the neighborhood as the area has a range of elevations.

GEC was selected by the city of New Orleans to provide engineering, construction management, and inspection services for ROADWAY ENHANCEMENT AND RECONSTRUCTION OF DAMAGED STREETS in the neighborhood and to perform professional engineering design and construction administration services for FEMA eligible roadway repairs in the Mid- City neighborhood, district 4 in the city of New Orleans.

GEC design the COMPLETE STREET RECONSTRUCTION in this neighborhood. The design required removal of existing asphalt pavement roadways and replaced with new asphalt pavement roadways including concrete base, concrete curbs, crushed stone base course, compacted granular subbase, concrete sidewalks, concrete drives and handicap ramps.

The DRAINAGE ANALYSIS resulted in the complete reconstruction of reinforced concrete subsurface drain lines ranging in size from 12 inch diameter to 36 inch diameter. The new drainage system included 12", 15", 18", 21", 24," 27", 30", 36" diameter pipe

GEC also provided potable water systems design and modeling, and water main tie-ins. The system consisted of 8" and 12" water mains including replacement of fire hydrants, connecting numerous water valves, water meters, miscellaneous water line fittings and water connections. GEC's design also included partial reconstruction of the gravity sewer collection system which included 8" diameter sewer mains included sewer connections.

All plans and specifications were submitted to and approved by the City of New Orleans Department of Public Works and the Sewerage and Water Board of New Orleans (S&WB). All design was in accordance with the city of New Orleans, Department of Public Works and with the Sewerage and Water Board of New Orleans requirements.

Key personnel involved in the project include the following: Jerome Lohmann, P.E., Cary Bourgeois, P.E.



CONTRACT NO. 4400031585: IDIQ CONTRACT FOR PAVEMENT PRESERVATION DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 05

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SECTION 17 – FIRM EXPERIENCE

Firm name	G.E.C., Inc.							Discipline	(s)*	Road		
Project name	name WB Veterans: Severn Ave - Clearview Pkwy						Firm	n responsib	oility (prime or sub?)	Prime	
Project numbe	oject number H.012789 Owner's name Jeffers							ent				
Project location	Jefferson Pari	sh, Louisiana	1			Owner's Pro	ject N	Manager	Mar	k Drewes		
Owner's addres	s, phone, email	Yenni Buildi	ing, 1221 Elmv	wood P	Park Bl∖	/d, Jefferson,	LA, (9	85) 736-650	05			
Services commenced by this firm (mm/yy) 2016 Total co						ant contract	cost	(\$1,000's)				\$171
Services completed by this firm (mm/yy) 2017 Cost of c						ultant service	s pro	vided by th	nis firr	m (\$1,00 <mark>0</mark> 's)		\$171

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

GEC designed the **mill and overlay** of the existing 3 lanes, shoulder, u-turn and left turn lanes on westbound Veterans Blvd. from the intersection with Severn Ave. to Clearview Pkwy. GEC also designed **two new drainage systems along with graphical grades** to reduce ponding along the roadway. This project was funded by the Department of Transportation and Development (LADOTD) and therefore was designed to LADOTD standards and **PRR guidelines utilizing letter (8.5x11) plan sheets**. A SWPPP was prepared in accordance with LADOTD requirements, and a programmatic categorical exclusion was issued by LADOTD. The construction cost of this project was \$2.88 million and was completed in 2017.

This project demonstrates current GEC staff knowledge of PRR guidelines and our ability to provide letter (8.5x11) size plans (title sheet pictured below).





Key personnel involved in the project include the following:

- Jerome Lohmann, P.E.
- Christopher Nipper, P.E.



SECTION 17 – FIRM EXPERIENCE

Firm name	Civil Design & C	onstruction,	Inc.					Discipline((s)*	Survey		
Project name	Verot School Ro	ad					Firm	n responsibi	ility (prime or sub?)	Sub	
Project number	H.011235	LADOTI	\supset									
Project location	Project location Lafayette, Louisiana						Owner's Project Manager Thomas Gattle (Huval & Assoc					
Owner's addres	s, phone, email	922 W. Poin	t Des Moutor	n Rd.,	Lafayet	te, LA 70507/3	337-2	34-3798/tga	attle(@huvalassoc.con	n	
Services commenced by this firm (mm/yy) 08/16 Total co						Total consultant contract cost (\$1,000's)						N/A
Services completed by this firm (mm/yy) Ongoing Cost of co					ofcons	ultant service	es pro	vided by th	is firr	m (\$1,000's)		\$435

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

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.



<u>CD&C's Role:</u> 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 an 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.

Key personnel involved in the project include the following:

- Karla Weston, P.E.
- Christopher Ballard, P.L.S. Survey PM
- Trent Norris, 3D Scan Tech
- Phil Dupree, Party Chief
- Jacob Stoehr, Party Chief



SECTION 17 - FIRM EXPERIENCE

Firm name	Civil Des	sign & C	onstruction,	Inc.					Discipline	(s)*	Survey		
Project name	US 190 S	uperstre	eet					Firm	n responsib	ility (prime or sub?)	Sub	
Project numbe	r H.005	I.005733.5 Owner's name LADOTD											
Project locatior	n St. Tai	St. Tammany Parish, Louisiana Own						ject I	Manager	Josh	n Harrouch		
Owner's addres	ss, phone,	, email	1201 Capitol	Access Rd., E	Bator	n Rouge,	LA 70802, (22	25) 37	9-123, Joshu	ıa.ha	rrouch@la.gov		
Services commenced by this firm (mm/yy) 01/16 Total consultan						tant contract	cost	(\$1,000's)				N/A	
Services completed by this firm (mm/yy) 08/16 Cost of consult					ultant service	s pro	vided by th	is firr	m (\$1,000's)		\$207		

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

Project Description: This project was the topographic survey of US 190 in Covington. The survey limits were along a portion of the existing routes of US 190, Holiday Square Frontage Road, US 190 Service Road, Holiday Blvd., Holycrest Plaza Driveway, Louis Prima Drive, Park Place Drive, Lake Drive, Crestwood Blvd., 9th Avenue, Three Rivers Road, River Highlands Blvd., Harrison Ave., Maple Ridge Ave., North 12th Street, Sunshine Ave., North 6th Street, Riverside Drive, and North 2nd Street and is approximately 2.9 miles in length.

CD&C's Role: CD&C's role was to provide the complete topographic survey and drainage map for this project including all utility coordination. The survey begins at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. The width of the survey and DTM extended to the Western Edge of Pavement to Eastern Edge of Pavement along US 190 and tied in with the existing topographic features picked up on the previous survey done under H.011137.5 and H.011152.5 (Interstate 12 Survey). This also included

cross sectioning a portion of the Abita River in the project area. All topographic survey elements were performed in accordance with the latest LADOTD Location and Survey Manual and conformed to the latest standard practices/procedures. All deliverables were in LADOTD required formats. 3D Terrestrial Scanning was used in conjunction with traditional means and methods to complete this project.

Key personnel involved in the project include the following:



- Karla Weston, P.E.
- Christopher Ballard, P.L.S. Survey PM
- Philip Dupree, Party Chief
- Jacob Stoehr, Party Chief
- Trent Norris, 3D Scanning Technician



SECTION 17 - FIRM EXPERIENCE

Firm name	Civil Design & C	onstruction,	Inc.				Discipline	(s)*	Survey		
Project name	I-20 UPRR Overp	bass				Firm	n responsib	ility (prime or sub?)	Sub	
Project number	H.012027.5		Owner's nar	me LADO	TD						
Project location	ect location Shreveport, Louisiana						Manager	Tho	mas Gattle (Huva	al & Associat	tes)
Owner's addres	s, phone, email	922 W. Poin	t Des Moutor	n Rd., Lafaye	tte, LA 70507,	(337)	234-3798, t	gattl	e@huvalassoc.co	om	
Services comme	Total consultant contract cost (\$1,000's)						N/A				
Services comple	Cost of con	sultant service	es pro	vided by th	is firr	m (\$1,000's)		\$281			

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

Project Description: CD&C, Inc. was a sub-consultant on this project. CD&C, Inc. performed a full topographic beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound 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. The survey total distance was 2.03 miles with a width of approximately 350 feet. This included 1 mile along Highway 79 with a width of 300 feet.



<u>CD&C's Role:</u> 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. Final submittal was in accordance with latest LADOTD Location and Survey standards.

Key personnel involved in the project include the following:

- Karla E. Weston, P.E.
- Chris Ballard, P.L.S., Survey PM
- Madison Mills, P.L.S., Survey Tech
- Clarence J. Goodspeed, SUE Manager
- Phil Dupree, Sr. Party Chief
- Trent Norris, 3D Scanning Tech
- Scott Benton, 3D Scanning Tech
- Alex Wells, Party Chief
- Jason Stoehr, Party Chief
- Drennon Humphreys, Instrument Man





SECTION 17 - FIRM EXPERIENCE

Firm name	APS Engineering and Testing, LLC							Discipline	(s)*	Geotech		
Project name	I-10 Widening LA 415 to Essen Ln						Firm responsibility (prime or sub?) Sub					
Project numbe	r H.004	100		Owner's	name DOTD							
Project location	on Baton Rouge, LA C					Owner's Pro	Project Manager Kristy Smith, P.E.					
Owner's address, phone, email 1201 Capital Access Rd., Baton Rouge, LA 70802-4438, (225) 379-1016, kristy.smith2@la.gov												
Services commenced by this firm (mm/yy) 09/19 Total				Total co	Total consultant contract cost (\$1,000's)						N/A	
Services completed by this firm (mm/yy) 09,				09/24	Cost of consultant services provided by this firm (\$1,000's)							\$400

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

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

Key personnel involved in the project include the following:

- Sergio Aviles, P.E.- Project Manager
- Sai Eddanapudi, M.E., P.E. Project Engineer
- Surendra Raj Pathak, M.S., P.E. Staff Engineer

SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

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





SECTION 17 - FIRM EXPERIENCE

Firm name	APS Engineering and Testing, LLC							Discipline	(s)*	Geotech		
Project name	Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad						Firm responsibility (prime or sub?) Sub			Sub		
	Bridge											
Project numbe	er H.001352; H.002273 Owner's name Huval &					Associates, I	nc.					
Project location	n East Baton Rouge, LA					Owner's Pro	oject l	Manager	Tho	mas M. Gattle, III	I, P.E.	
Owner's address, phone, email 922 West Don't des Mouton Rd,. Lafayette, LA 70507, (337) 264-3798, tgattle@huvalassoc.com												
Services commenced by this firm (mm/yy) 11/19 Total cons					otal consultant contract cost (\$1,000's)						N/A	
Services completed by this firm (mm/yy) 06/2				Cost of consultant services provided by this firm (\$1,000's)						\$150		

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

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

As the project moved into the construction phase, A P S provided geotechnical and structural construction services including PDA instrumentation, testing, and CAPWAP analysis.

Key personnel involved in the project include the following:

ENGINEERING

- Sergio Aviles, P.E. Project Manager
- Sai Eddanapudi, M.E., P.E.- Project Engineer
- Surendra Raj Pathak, M.S., P.E.- Staff Engineer

LABORATORY TESTING

- Sergio Aviles, P.E.-QA/QC
- Sai Eddanapudi, M.E., P.E.-QA/QC

ENGINEERING & INSPECTION

- Sergio Aviles, P.E.
- Sai Eddanapudi, M.E., P.E.
- Surendra Raj Pathak, M.S., P.E.





SECTION 17 - FIRM EXPERIENCE

Firm name	APS Engineering and Testing, LLC							Discipline(s	5)*	Geotech			
Project name	US	US-90 Railroad Overpass (S. East of LA-85)						Firm	m responsibility (prime or sub?) Sub			Sub	
Project numbe	er	H.010155 Owner's name Shread				-Kurykendall	& Ass	ociates, Inc					
Project location	roject location Iberia Parish, LA					Owner's Pro	oject N	Manager	Nicc	i D. Gill			
Owner's address, phone, email 13016 Justice Ave., Baton Rouge, LA 70816, (225) 296-1335, ngill@skanger.com													
Services commenced by this firm (mm/yy) 11/19 Total consultar					nsultant	contract cos	it (\$1,C)00's)				N/A	
Services completed by this firm (mm/yy) 12/				12/23	Cost of consultant services provided by this firm (\$1,000's)						\$105		

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

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

Key personnel involved in the project include the following:

- Sergio Aviles, P.E.- Project Manager
- Sai Eddanapudi, M.E., P.E. Project Engineer
- Surendra Pathak, M.S., P.E. Project Engineer

SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

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





Section 18



10113

SECTION 18 - APPROACH AND METHODOLOGY

1.0 – Introduction and Understanding of Contract Scope:

Lazenby & Associates, Inc., has assembled an outstanding team of professionals that are well suited to provide superior professional services to LADOTD on this Indefinite Delivery/Indefinite Quantity (IDIQ) contract. Lazenby & Associates, Inc., has a long history of successfully teaming with LADOTD for roadway design, bridge design, and surveying projects.

We are excited to team with **G.E.C., Inc.,** who will be assisting with road design; **Civil Design & Construction, Inc.** (DBE), who will be assisting with surveying services, and **APS Engineering and Testing, LLC** (DBE), who will be assisting with geotechnical services if it is needed or desired by the District.

The Lazenby Team understands that TO's will be issued primarily for pavement preservation projects. While our team is more than capable of performing roadway design services on pavement preservation projects, we can also provide the District with any other roadway design services they may require or need. These projects may also necessitate utility adjustments or nonstandard details to construct the project within existing right-of-way.

We understand that the services to be provided under this IDIQ contract will generally consist of the following, as applicable to the individual TOs.

- Topographic Surveys
- Preparation of location plans for subgrade soil borings
- Preliminary and Final Roadway Design and Plan Development
- Construction Proposal Services
- Hydraulic Analysis and Design
- Development of Opinion of Probable Construction Cost
- Permit Drawings as needed for Environmental Clearance
- Development of Special Provisions
- Construction Support

2.0 - Project Approach:

While LADOTD will obviously be our client for this project, **our relationship in** working with the Department has been, and will continue to be, a partnership, where we work alongside LADOTD for a common goal. To accomplish this, we will take the following approach:

- **Communication** Effective communication is a critical component of a successful project. We will begin a line of communication with the LADOTD Project Manager (PM) upon notification of a TO and will continue that line of communication throughout the life of the project.
 - Upon notification of a new TO, we will communicate with the PM to gain a full understanding of the project scope, which will allow us to more accurately develop man-hour estimates and project schedules.
 - Upon receipt of a Notice to Proceed, we will communicate with LADOTD District personnel to get input early in project development. We have found through past experience that this is an effective way to reduce the number of review comments and plan revisions, which will ultimately allow us to more efficiently complete the project.
 - Our communication efforts will include documentation of every review comment, with a written response showing how that comment was addressed. The comment responses will be included with each plan submittal beginning at the 60% Preliminary Plan stage.
- Budget Staying on budget is a critical aspect of any construction project. While we have no control over unit prices, and recognize the highly volatile nature of construction costs, we will make every effort to provide the most economical solution that meets the goals of the project and satisfies the project constraints.
 - We recognize that simply staying on or ahead of schedule, allowing the project to be bid on time or early, is critical to keeping a project within budget.
 - We are committed to providing a quality product, which will reduce change orders and project overruns.
- **Time** As noted above, we further recognize that staying on schedule is integral to staying on budget. We are committed to providing the resources necessary to ensure that projects are delivered on time or ahead of schedule.
- **Quality** Each of the Lazenby Team members has a history of providing superior professional services to LADOTD.
 - A Quality Assurance/Quality Control program will be prepared and adhered to as a means of ensuring that the highest standards of quality continue to be consistently met. The QA/QC plan will be submitted to LADOTD within 10 days of the award notification.



SECTION 18 - APPROACH AND METHODOLOGY

- **Design within Project or Site Constraints** The Lazenby Team recognizes that no two projects are the same. Site characteristics or constraints should be identified and considered early in the design process to avoid potential pitfalls and to aid in efficiently developing the plans.
 - To this end, we intend to make site visits early in the plan development process to help identify any unique site characteristics.
- Balancing Construction Costs and Impacts to the Traveling Public

 One of the most important aspects of roadway design on any project is maintenance of traffic during construction. Obviously, the cheapest way to construct a project is via road closure, and this is sometimes feasible. However, usually this is not the case, and traffic must be maintained throughout the project limits. The Lazenby team will carefully evaluate each project to determine the most efficient method of construction while keeping in mind the needs of the travelling public and is prepared to develop Suggested Sequence of Construction plans which balance the needs of the contractor and the public to the extent possible. All key members of the design team have received certification as Traffic Control Supervisor.

3.0 – Methodology:

The Lazenby Team is intimately familiar with the plan preparation process as outlined in Figures 1-02 and 1-03 of the LADOTD *Roadway Design Procedures and Details Manual.* The methodology that our team will use to successfully complete TO's is as follows:

- Initial Scoping Meeting with PM Information from this meeting will be used to develop a scope of work, man-hour estimate, and schedule. This meeting will also be where the expected submittals will be discussed.
- **Kick-off Meeting** Upon receipt of a TO, a Kick-off meeting will be held with LADOTD to discuss the project. One of the benefits of this meeting is to allow the design team to gain a clear understanding of the goals of the project and the expectations of LADOTD. This is an opportunity for our design team to obtain vital information such as asbuilt plans; previous studies, including Stage 0 studies; available traffic data; environmental studies; etc. We will provide minutes from the Kick-off meeting to all attendees.

- **Data Collection** Upon receipt of a Notice to Proceed (NTP), initial data collection can begin. This typically will involve conducting a topographic survey.
 - The Lazenby Team has extensive experience in conducting topographic surveys for LADOTD thru previous design projects and multiple survey IDIQ contracts. We have the capability to utilize terrestrial, mobile or aerial LIDAR scanning, as well as traditional survey methods, to generate a complete and accurate topographic survey. While we understand that, generally, pavement preservation projects do not need these types of surveying methods, our team is capable of providing these services if needed by the District.
 - The Lazenby design team will conduct our initial site visit during the data collection phase to evaluate the site and gain a greater understanding of the site characteristics and any potential constraints or challenges. Our team also will coordinate with the District to provide recommended preservation or rehabilitation methods, if desired. We will schedule a meeting with local LADOTD personnel around our site visit to get the District's input early on in project development.
 - While we understand that geotechnical services are expected to be provided by LADOTD, the Lazenby Team includes a firm that can provide these services if desired or needed by the District.
- Preliminary Plans After the data collection phase has been completed, the preliminary plan development process will begin.
 Construction plans will generally be developed in accordance with standard design guidelines, including, but not limited to, LADOTD Minimum Design Guidelines, LADOTD PRR Guidelines, LADOTD Roadway Design Procedures and Details Manual, LADOTD Pavement Preservation Manual, LADOTD Hydraulics Manual, LADOTD Bridge Design and Evaluation Manual, AASHTO's A Policy on Geometric Design of Highways and Streets, and AASHTO's Roadside Design Guide. The Lazenby Team is familiar with LADOTD's CADD Standards and all plan sheets will be in conformance at each submittal stage.

For situations where the standard design guidelines cannot reasonably be met, the Lazenby team will prepare Design Exception



SECTION 18 – APPROACH AND METHODOLOGY

Requests as necessary. We are familiar with the steps involved in this process, including using the FHWA Crash Modification Clearinghouse to evaluate the safety of proposed alternates and comparing those alternates to the existing condition.

The Lazenby team is very familiar with preparing plans for pavement preservation projects. As such, our submittals generally follow an abbreviated submittal schedule that will be discussed with the Project Manager in the Initial Scoping Meeting. If decided by the Project Manager, plan sheets can be submitted in accordance with Figure 1-03 of the LADOTD *Roadway Design Procedures and Details* Manual and Chapter 3 of the LADOTD *Bridge Design and Evaluation* Manual, as applicable. The submittal stages shown below are generally applicable to letter-sized pavement preservation projects but can be modified at the discretion of the Project Manager to fit each project.

- 95% Preliminary Submittal This submittal will include all anticipated roadway design plan sheets, including typical sections, summary sheets, superelevation details, guardrail designs, project specific details, and hydraulic analyses. A Hydraulic Study, detailing all preliminary plan drainage calculations for storm drains and cross drains, will be completed and submitted as part of the 95% Preliminary Plan submittal for roadway projects. Our design team has many years of experience in hydraulic analysis and drainage design for transportation projects for LADOTD and local clients. We are familiar with the LADOTD Hydrwin software, HEC-RAS, and the processes outlined in the LADOTD Hydraulics Manual. At the 95% preliminary plan stage, vertical alignment information, roadway geometrics, and proposed drainage structures will have been established and added to the plans, if applicable. Aside from all required documents required by EDSM I.1.1.11, the 95% Preliminary Plan submittal will also include the following:
 - Baseline Safety Improvement Checklist
 - Level 2 TMP Checklist
 - Preliminary Plan Constructability Review
 - PRR Report Form
 - Preliminary Opinion of Probable Construction Cost
 - Safety Assessment Checklist

- <u>Plan-in-Hand (PIH) Inspection</u> The Lazenby team will coordinate the site inspection of the project with the Project Manager, LADOTD Staff and other as directed by the Project Manager.
- <u>100% Preliminary Submittal</u> The 100% Preliminary Plan Submittal will involve a complete preliminary plan set with all review and Plan-In-Hand comments addressed in writing. Any necessary Permit Sketches for the Environmental Clearance process will also be produced during this phase of plan development. This and all subsequent submittals will include an updated OPCC.
- Final Plans After the project has been environmentally cleared, final plan development will begin upon receipt of NTP. It is during this phase of plan development that any final detail sheets will be prepared, final quantity estimates will be calculated, and any necessary special provisions will be written. We will coordinate with the LADOTD PM to establish or update (as applicable) the schedule for final plan deliverables.
 - <u>95% Final Submittal</u> The 95% Final Plan Submittal, or Advance Check Print (ACP) Submittal, will consist of what is essentially a complete set of construction plans, with all necessary plan sheets accounted for in the plan set, including Summary Sheets and Summary of Estimated Quantities sheets. The LADOTD Plan Quality Unit (PQU) would typically review the plans at this point in the plan preparation process, although we have had some recent projects that the PQU chose not to review. The submittal will also typically include the following:
 - Final Plan Constructability Review Form
 - Contract Time Worksheet (if requested by the District)
 - PRR Report Form
 - Stormwater Pollution Prevention Plan
 - Draft Proposal Checklist.

Should any Special Provisions for non-standard pay items be needed for the project, they will be prepared and submitted at this stage. The Lazenby Team has experience and is familiar with the format used on LADOTD projects.

 <u>100% Final Submittal</u> – Submittals at this stage will include a complete set of construction plans, along with any necessary Special Provisions, a revised OPCC. The 100% submittal will



SECTION 18 - APPROACH AND METHODOLOGY

include a sealed and signed set of construction plans, a bound set of calculations, and a final OPCC.

- **Construction Proposal** Prior to letting a project, we recognize that the Lazenby team could be asked to prepare the Construction Proposal. We have done this on previous projects, and we are familiar with the requirements of this activity. We also understand that this contract may require our team to perform services that are performed by LADOTD personnel, including, but not limited to, the preparation of addenda and making plan and specification revisions.
- Construction Support The Lazenby team has experience providing construction support services on previous LADOTD projects and is prepared to assist the Department as necessary during the bidding phase and during the construction phase. We realize that time is of

the essence when responding to construction issues and will respond in a timely manner to RFI's, requests to review shop drawings, and providing any necessary plan revisions.

4.0 – Schedule:

Shown on this page is a typical project schedule that is representative of a TO that could be issued for a letter-size plan set under this contract. Obviously, the time required to complete a project will vary, depending on the project scope and magnitude, and will be dependent on external factors such as LADOTD review times and the time required for environmental clearance; but the schedule shown demonstrates that the Lazenby team is familiar with the LADOTD plan development process.

		Estimated Time												
Task	1	2	3	4	5	6	7	8	9	10	11	12		
Kick-off Meeting														
Initial Field Data Collection														
Site Visit														
Topographic Surveys														
Preliminary Plan Development														
95% Preliminary Plans														
PIH Meeting														
100% Preliminary Plans														
Opinion of Probable Construction Cost														
Environmental Services														
Permit Sketches														
Environmental Clearance (By others)														
Right-of-Way Maps (By others)														
Final Plan Development														
95% Final Plans														
100% Final Plans														
Special Provisions														
Opinion of Probable Construction Cost														

Sample IDIQ Pavement Preservation Design Project Schedule







For all contracts where a firm on the team is a prime consultant or

sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

1) one of the team's firms is responsible for the performance of the work;

2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;

3) the work has not yet been performed and invoiced; and

4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

Firm(s)	Past	Contract Number and	Project Name	Remaining
ALL FIRMS MUST BE	Performance	State Project Number		Unpaid
REPRESENTED IN THIS TABLE	Evaluation			Balance**
	Discipline(s) *			
		4400010428	Kansas Lane-Garrett Road Connector & I-20	
		H.004774.5	Improvements, Ouachita Parish	\$36,693
		(L&A, Inc. 17E051.00)	(Road Design-Urban & Rural Design-Controlled Access)	
			(98% Complete)	
		4400026026	IDIQ Contract for Roadway Design Safety Statewide	N/A
		(L&A, Inc. 23E055.00)		
				to10 co (
	Deed	Task Order No. 1	LA 64: Roundabout @ LA 1019	\$218,694
	Road	S.P.N. H.009837.5	Routes: LA 1019, LA 64	
		(L&A, INC. 23E055.01)	Livingston Parish (30% Complete)	N1/A
		4400026913	IDIQ Contract for the Design of Safety Projects with	N/A
		(L&A, INC. 23E088.00)	Majority of Work in District 04, 05& 58, Statewide	
		Task Order No 1	Fast Street & Parkview Drive Sidewalk (Monroe)	\$157 669
		S P N H 015200 5	Quachita Parish (3473% Complete)	φισ7,005
		(L&A Inc 23E088.01)		
AZENIRV				
LALLINDI		Task Order No. 3	Benton Road Sidewalks (Bossier City)	\$975
& ASSOCIATES, INC.		S.P.N. H.016204.5	Bossier Parish	
		(L&A, Inc. 23E088.03)	(Feasibility Study) (85% Complete)	
		4400025025	Infrastructure Investing & Jobs Act (IIJA) Off-System	
		(L&A, Inc. 22E048.00)	Bridge Program – District 05	N/A
			(13 Off-System Bridge Structures) (68% Complete)	
	Bridge	1. H.015463.5	White Oak Landing Over Edmonds Creek	\$25,746
		(L&A, Inc. 22E048.13)	Union Parish Off-System Bridge	
				\$48,746



SECTION 19 - WORKLOAD

		2. H.015462.5	Pilgrim Rest Church Road Over Steep Bank Creek	
		(L&A. Inc.22E048.12)	Union Parish Off-System Bridge	
		(,,		\$48.746
		3 H 015461 5	Firetower Road Over Rock Creek	<i> </i>
		(I &A Inc 22E04811)	Union Parish Off-System Bridge	
				\$48 946
		4 H 015454 5	Kennler Creek Road Over Sugar Creek	<i>\</i> 10,5 10
		$(1 \& A \ln c 22E04804)$	Jackson Parish Off-System Bridge	
			Suckson Fansh on System Bhage	\$48946
		5 H 015455 5	Spring Creek Doad Over Wafer Creek	ψ-0,5-0
		$(1.8 \land lpc 22E0.48.05)$	Lincoln Darish Off System Bridge	
		(L&A, IIIC. 22L040.03)	Lincolli Parish On-System Bridge	¢10 201
			Olan Hughas Dood Over Poyeu Penna Idea	\$10,201
		$0. \Pi.013437.3$	Marchausa Darish Off Custors Dridge	
	Dridge	(L&A, INC. 22E046.07)	Morenouse Parish On-System Bridge	¢10.101
	Bridge			\$10,101
		7. $H.015458.5$	Oscar Lum Road Over Williamson Creek	
		(L&A, INC. 22E048.08)	Morenouse Parish OII-System Bridge	¢ (0 0 (C
				\$48,946
		8. H.015337.5	Mineral Springs Road Over Clark Creek	
		(L&A, Inc. 22E048.01)	Ouachita Parish Off-System Bridge	<i>t</i> (0.0 (<i>c</i>)
T				\$48,946
		9. H.015459.5	Lapine Road Over Rogers Creek	
		(L&A, Inc. 22E048.09)	Ouachita Parish Off-System Bridge	• (• • (•
a associates, inc.				\$48,546
		10. H015460.5	Little Road Over Creek	
		(L&A, Inc. 22E048.10)	Richland Parish Off-System Bridge	45 (701
				\$54,381
		II. H.015453.5	Hale Road Over Alligator Bayou	
		(L&A, Inc. 22E048.03)	West Carroll Parish Off-System Bridge	
				\$59,523
		12. H.015456.5	Hodge Road Over Cypress Bayou	
		(L&A, Inc. 22E048.06)	Madison Parish Off-System Bridge	
				N/A
		13. H.015452	Henderson Loop Road Over Wildcat Bayou	
		(L&A, Inc. 22E048.02)	East Carroll Parish (Not Authorized)	
		4400021887	Contract for Replacement of Fifteen (15) Bridges.	N/A
	Bridge	(L&A. Inc. 21E071.00)	Multiple State Project Number, District 08	.,
			(21% Complete)	


SECTION 19 - WORKLOAD

			LIS 167 Bridge Over Big Creek	¢279 / 78
		$(1.9 \land 100.21571.01)$	Winn Davish	JZJJ,470
		(L&A, ITC. 21271.01)	WITH Parish	
			1 A 11 (Pridge Over Delle Deev Pevev	.
		$(1.8 \land 1 n c 2) = 0.71 \circ 0.2)$	LA 114 Bridge Over Belle Deau Bayou	\$371,974
		(L&A, ITC. 21E071.02)	LA 107 Bridge Over Bayou Jack Relief	
	Pridao		Avoyelles Parish	
	Бпаде			
		$(1.8 \land 1 n c 2) = 0.71 \circ 7$	LA 8 Bridge Over Big Creek	\$160.256
		(L&A, ITC. 21E071.03)	Grant Parish	φ100,230
			Sidilit Fullsh	
			I A 120 Bridge Over Creek	¢591705
		H.012544	LA 120 Bridge Over Boyen Scie Delief No. 1	φ 301,703
		(L&A, Inc. 21E071.04)	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	
		4400019714	IDIQ Contract for Hydrographic Surveying Services –	
		(L&A, Inc. 20S038.00)	Statewide with Majority of Work in Districts 04, 05, 08 &	N/A
T			58	
IAZENRV			(54.91% Complete)	
REASSOCIATES INC				
& ASSOCIATES, INC.			Active Task Orders At This Time	\$52,239
			(1.0. #9 – 0% Complete)	
		4400021972	IDIQ Contract for Topographic Surveys	
		(L&A, Inc. 215063.00)	(None – NHS Surveys)	N/A
	Currier		(18.5% Complete)	
	Survey	Ta als Onders Nac 1		¢22.270
			Franklin Darich	\$22,239
		(1.8	(00% Complete)	
		(L&A, IIIC. 215065.01)	(90% Complete)	
		Task Order No. 4	LA1234 Drain Bridges	\$40.321
		S.P.N. H.016317.5	Winn Parish	+
		(L&A. Inc. 21S063.04)	(50% Complete)	
		(,		



SECTION 19 - WORKLOAD

		Task Order No. 5	LA 542: Creek Bridges @ LM 1.087 & LM 2.967	\$48,307
		S D N H 0163195	Jackson Parish	. ,
		(1.8 A Inc. 210067.05)	(/0) (complete)	
		(L&A, INC. 215065.05)	(40% Complete)	
		Task Order No. 6	LA 830: Creek Bridge	\$39,968
		S.P.N. H.016329.5	Morehouse Parish	
		$(1.8 \land 1 nc. 215067.06)$	(0% Complete)	
		(L&A, ITIC. 213003.00)		
		4400027916	IDIQ Contract for Professional Boundary Surveying	
		(L&A, Inc. 24S014.00	Services – Statewide with Majority of Work in Districts 04	N/A
			& 05	
			(0.05% Complete)	
			(0.05% complete)	
			No Active Task Orders At This Time	
		4400027917	IDIQ Contract for Professional Boundary Surveying	
		(1&A Inc 245015.00)	Services – Statewide with Majority of Work in District 08	N/A
	SURVOV			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Survey			
			(30.49% Complete)	
		Task Order No. 1	LA 28: Widening: LA 3128 to LA 116	\$217,656
		S.P.N. H.004825.5	Rapides Parish	
		$(1.8 \land 1 nc. 2(S \cap 15 \cap 1))$	(25% Complete)	
		(L&A, ITIC: 243013.01)		N1/A
		4400027735	I-69 Frontage Road Connector	N/A
		(L&A, Inc. 23E099.00)	Caddo Parish	
T				
		S.P.N. H.005184	Stonewall Fryerson to Ellerbe Road	\$948.381
		(L&A, Inc. 23E099.01)	Caddo Parish	, ,
& ASSOCIATES, INC.			(0.00% Complete)	
			Ellerbe Dead to I A 1	
		(1.0.4. http://www.com/com/com/com/com/com/com/com/com/com/	Carlela Dariela	\$549,578
		(L&A, INC. 23E099.02)	Caddo Parisn	
			(7.50% Complete)	
		4400021887	Contract for Replacement of Fifteen (15) Bridges,	
		(L&A Inc 21E07100)	Multiple State Project Numbers, District 08	
		SPN H 012047	US 167 Bridge Over Big Creek	¢15 107
		$(1.8 \land 1 n c 2) = 0.71 (0)$	Winn Darich	\$15,167
		(LAA, IIIC. ZIEU/I.UI)		
		S.P.N. H.012542	LA 114 Bridge Over Belle Deau Bayou &	\$14,522
		(L&A, Inc. 21E071.02)	LA 107 Bridge Over Bayou Jack Relief	. ,
			Avoyelles Parish	





CONTRACT NO. 4400031585: IDIQ CONTRACT FOR PAVEMENT PRESERVATION DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 05

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		44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US	\$305,448
			167 Interchange) (Sub to Stantec)	
		44-29193, H.004100.5 &	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval),	\$140,000
		H.004100.6	East and West Baton Rouge Parishes	
GEL		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1	\$128,185
G.E.C., Inc.	Road		(Note: Work will be performed over 2 years. Expires 6/30/26)	
		H.013897	I-10 & I-12 College Drive Flyover Ramp Design-Build Project (Sub to Boh Bros.)	\$46,396
		44-29196, H.016075.2	IDIQ for Engineering and Technical Support Services for Critical Project, Statewide	\$27,034
			T.O.# 1, I-10 Washington Street EB Exit Ramp CL (Sub to Stantec)	
		44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	\$266,795
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	\$985,448
		S.P. # H.013897	I-10 & I-12 College Drive Flyover Ramp Design-Build Project (Sub to Boh Bros.)	\$75,000
	Dridge	44-04900, H.004540.5	Leeville to Golden Meadow, Route LA 1 Relocated, Const. Engineering Services (Sub to HNTB)	\$173,099
G.E.C., INC.	Bridge	44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1	\$617,162
			(Note: Work will be performed over 2 years. Expires 6/30/26)	
		44-05267, H.003074.5	Williams Blvd – Veterans Blvd., Route I-10, Jefferson Parish, LA	\$148,795
		44-23923	IDIQ for Bridge Preservation (Sub to Huval) - No Task Orders Issued	N/A
		44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	\$32,919
GEL	Environmental	44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1	\$13,921
G.E.C., Inc.			(Note: Work will be performed over 2 years. Expires 6/30/26)	

DOTD FORM 24-102

SECTION 19 - WORKLOAD

SECTION 19 - WORKLOAD

		44-29193. H.004100.5 &	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval).	\$50.000
		H.004100.6	East and West Baton Rouge Parishes	+ /
		H.014990.5	South Tiger Bend Rd. and East Achord Rd. Bridges (Sub to	\$8,944
			Forte & Tablada)	. ,
	ITC	44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US	\$19,447
G.E.C., Inc.	115		167 Interchange) (Sub to Stantec)	
		44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US	\$325,210
			167 Interchange) (Sub to Stantec)	
		44-29193, H.004100.5 &	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval),	\$800,000
		H.004100.6	East and West Baton Rouge Parishes	
		H.013897	I-10 & I-12 College Drive Flyover Ramp Design-Build	\$45,000
			Project (Sub to Boh Bros.)	
		44-05267, H.003074.5	Williams Blvd – Veterans Blvd., Route I-10, Jefferson	\$54,012
			Parish, LA	
	Other	44-26074, H.013617.6	IDIQ Contract for Electrical Statewide, TO#1 - I:10: I-610E	\$62,966
U.E.C., INC.	(Electrical)		Interchange Lighting	
		44-26074, H.014552.6	IDIQ Contract for Electrical Statewide, TO#2 - I-49: LA 31	\$124,048
			Interchange Lighting	
		44-26074, H.015598.6	IDIQ Contract for Electrical Statewide, TO#3 - I-210:	\$117,052
			Hurricane Laura Lighting Repairs	
		44-26074, H.014556.5	IDIQ Contract for Electrical Statewide, TO#4 - I-49: US 190	\$15,008
			Interchange Lighting	
		44-26074, H.014556.6	IDIQ Contract for Electrical Statewide, TO#5 - I-49: US 190	\$132,229
			Interchange Lighting	
		44-16958	Road Transfer Program Management, Statewide (NOTE:	
			The Average Annual billing is approx. \$290,000/ year. We	\$972.392
			are in year 4 of 6. This billing represents 1 person stationed	<i>4072,002</i>
			at DOTD. Thus, unlikely to bill this entire remaining	
			balance. (Program Management ONLY – NO Planning,	
	Other		Road or Bridge Design work).	
G.E.C., Inc.	(Program			¢110.000
	Management	44-25040, H.015342	IJA, Oπ-System Bridge Program, District 61 Less EBR, S.A. #1	\$119,900
			(Note: Work will be performed over 2 years, Expires	
			6/30/26)	
		44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US	\$57,961
			167 Interchange) (Sub to Stantec)	. ,





CONTRACT NO. 4400031585: IDIQ CONTRACT FOR PAVEMENT PRESERVATION DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 05

SECTION 19 - WORKLOAD

		44-29193, H.004100.5 &	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval),	\$500,000
		H.004100.6	East and West Baton Rouge Parishes	
		44-23074, H.012465.6	IDIQ for CE&I Services and Staff Augmentation, District 61 -	\$30,658
			Flashing Yellow Arrow Part 3	
		44-23074, H.010960.6	IDIQ for CE&I Services and Staff Augmentation, District 61 -	\$324,945
			LA 30 Roundabouts at Tanger Mall and I-10	
		44-23074, H.013265.6	IDIQ for CE&I Services and Staff Augmentation, District 61 –	\$55,067
			Van Buren Street Over Corp. Canal	
		44-23074, H.015424.6	IDIQ for CE&I Services and Staff Augmentation, District 61 –	\$65,590
			La 67: Plank Rd @ Airline- Girder Rep	
		44-23074, H.012061.6	IDIQ for CE&I Services and Staff Augmentation, District 61 –	\$270,878
			LA 1: Bayou Moreau and Lateral W15#7A	
		44-23074, H.014762.6	IDIQ for CE&I Services and Staff Augmentation, District 61 –	\$654,024
			LA 44: 1-10 – LA 621	
		44-23074, H.15267.6	IDIQ for CE&I Services and Staff Augmentation, District 61 –	\$193,985
			LA 431: Left Turn Lane at LA 621	
		44-28550, H.002868.6	IDIQ for CE&I, Statewide, with Majority of Work in District 03	\$263,053
			- I-49 S: Amb. Caffery / US 90 Interchange	
		44-28550, H.013265.6	IDIQ for CE&I, Statewide, with Majority of Work in District 03	\$256,010
0.2.0., 110.			- US 90: LA 14 to LA 83	
		44-14315, H.0033'/0.6	IDIQ for Painting Inspection & Environmental Monitoring	N/A
			with CE&I, Statewide - I-220/I-20 Interchange IMP & BAFB	
				#70 / /D
		44-14315, H.010000.6	IDIQ for Painting Inspection & Environmental Monitoring	\$37,447
			With CE&I, Statewide - US 171: Calcasieu River Bridge Repairs	N1/A
		44-14315, H.014588.6	IDIQ for Painting Inspection & Environmental Monitoring	N/A
		(()700C 0]]C70 C	With CE&I, Statewide – 1-20. Orange Street Overpass Repair	N1/A
		44-1/006, H.0116/0.6	1-10/Loyola Interchange Improvements, Jellerson Parish	
		44-23897, H.011965.6	LA 47. IWGO Bridge Renabilitation (HBI) (CE&I) (Sub to GPI)	\$1,215,375 \$1,000 FF1
1		44,24438, H.010673.6	OS 90. Harvey Canal Tunnel Renab (CE&I), Jellerson Parish	\$1,028,551
		44-28884, H.003931.5	Calcasieu River Bridge (HBI), Calcasieu Parish	\$438,124
		44-27349, H.003931.6	Calcasieu River Bridge (HBI) (CE&I), Calcasieu Parisn	\$17,235,345
		44-28466, H.UI5504.6	Linenaction (CERI)	,709,920
			$\frac{115 \text{ pection} (\text{CEA})}{12 (\text{CEA})}$	¢ / 000
		44-29193, H.004100.5 &	CMAR - 1-10. LA 415 to Essen on 1-10 and 1-12 (SUD to HUVAI),	\$4,000
		H.004100.6	East and west Baton Rouge Parisnes	

SECTION 19 - WORKLOAD

		4400027093/H.015949	LA 335	\$20,018
	Survey	4400023689/H.013622.5	LSRP Ardenwood Dr	\$73,100
INCORPORATED		4400027093/H.015847.5	US90: LA668 - LA318	\$147,956
CDC, Inc.		4400027093/H.014824.5	US90: 1.6MI S LA317 - 1.2 MI N Wax Lake B	\$130,255
	CE&I/OV	4400024653/ H.01254.6	Wiggins Bayou Bridge	\$52,609
+	Geotech	4400019337/ H.014247	LA 399 Bridges Near Fullerton	\$24,307
i anal	Geotech	440019337/ H.014245	LA 119; Bayou Pierre & Creek Bridges	\$23,654
APS	Geotech	4400024653/ H.014982.5	Marathon Rd over Dry Creek	\$46,490
Engineering and Testing	Geotech	4400019011/ H.012068.5	LA 1026 Creek Bridge	\$23,519
	Geotech	4400024653/ H.014978.5	Bellard Loop over Untamed Drainage Ditch	\$41,723
	Geotech	4400024653/ H.016323.5	LA 37 Glass Branch Bridge	\$22,005
	Geotech	4400024653/ H.016326.5	LA 36 Drain Bridge Pearl	\$22,615
APS Engineering and	Geotech	4400024653/ H.016322.5	LA 81: W-11 Lateral & Bayou Black Bridges	\$39,335
Testing, LLC	Geotech	4400024653/ H.016312.5	LA 3116 Creek Bridges	\$59,216
	Geotech	4400024653/ H. 016321.5	LA 970 Creek Bridge	\$21,058
	Geotech	4400024653/ H.016311.5	LA 1123 Box Culvert Creek Bridge	\$59,399
	Geotech	4400023653/ H.014978.5	Bellard Loop over Unnamed Drainage Ditch	\$38,064
	Geotech	4400024653/ H.016324.5	LA 1047: Drain Bridge	\$22,608



Sections 20 - 23



CONTRACT NO. 4400031585: IDIQ CONTRACT FOR PAVEMENT PRESERVATION DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 05

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Search for Louisiana Business Filings

Buy Certificates and Certified	Copies Subscribe to Electr	onic Notification Print Detailed Record]	
Name		Туре	City	Status
LAZENBY & ASSOCIA	TES, INC.	Business Corporation	WEST MONROE	Active
Previous Names				
HARRISON AND LAZ	ENBY, INC. (Change	ed: 1/1/1995)		
Business:	LAZENBY & ASSO	CIATES, INC.		
Charter Number:	33702440D			
Registration Date:	1/5/1982			
Domicile Address				
2000 N. SEV	VENTH ST.			
WEST MON	IROE, LA 71291			
Mailing Address				
C/O JERRY	G. LAZENBY			
2000 N. SEV	VENTH ST.			
WEST MON	IROE, LA 71291			
Principal Office Addre	ess			
2000 N. SE	VENTH ST.			
WEST MON	IROE, LA 71291			
Status				
Status:	Active			
Annual Report Status:	In Good Standing			
File Date:	1/5/1982			
Last Report Filed:	12/10/2024			
Туре:	Business Corporat	ion		



SECTION 20 – CERTIFICATIONS/LICENSES

Registered Agent(s)				
Agent:	JERRY G. LAZENBY			
Address 1:	2000 N. SEVENTH ST.			
City, State, Zip:	WEST MONROE, LA 71291			
Appointment	1/5/1082			

1/5/1982 Date:

- - - -. .

Officer(s)		Additional Officers: No
Officer:	PAUL D. FRYER	
Title:	Vice-President	
Address 1:	2000 N. SEVENTH ST.	
City, State, Zip:	WEST MONROE, LA 71291	
Officer:	JERRY G. LAZENBY	
Title:	President	
Address 1:	2000 N. SEVENTH ST.	
City, State, Zip:	WEST MONROE, LA 71291	
Officer:	JASON T. THORNHILL	
Title:	Secretary/Treasurer	
Address 1:	2000 NORTH 7TH STREET	
City, State, Zip:	WEST MONROE, LA 71291	
Officer:	KEVIN E. CROSBY	
Title:	Vice-President	
Address 1:	2000 NORTH 7TH STREET	
City, State, Zip:	WEST MONROE, LA 71291	

Amendments on File (13)



SECTION 20 - CERTIFICATIONS/LICENSES

Description	Date
Amendment	6/13/1988
Disclosure of Ownership	6/29/1992
Name Change	1/1/1995
Disclosure of Ownership	6/22/1995
Disclosure of Ownership	2/5/1998
Amendment	6/15/2000
Amendment	1/13/2004
Disclosure of Ownership	1/24/2007
Disclosure of Ownership	8/24/2009
Appointing, Change, or Resign of Officer	8/26/2013
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Search for Louisiana Business Filings

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Name	Туре	City	Status
G.E.C., INC.	Business Corporation	BATON ROUGE	Active
Previous Names			
Business:	G.E.C., INC.		
Charter Number:	34458378D		
Registration Date:	3/15/1994		
Domicile Address			
8282 GOOD	WOOD BLVD.		
BATON ROU	JGE, LA 70806		
Mailing Address			
C/O CARY (GOSS		
8282 GOOD	WOOD BLVD.		
BATON ROU	JGE, LA 70806		
Principal Office Addre	ess		
8282 GOOD	WOOD BLVD.		
BATON ROU	JGE, LA 70806		
Status			
Status:	Active		
Annual Report Status:	In Good Standing		
File Date:	3/15/1994		
Last Report Filed:	3/13/2024		
Туре:	Business Corporation		

Registered Agent(s)



SECTION 20 – CERTIFICATIONS/LICENSES

D	O	TD	FO	RM	24-1	02
-						

Agent:	KEVIN LANDRENEAU	
Address 1:	8282 GOODWOOD BLVD.	
City, State, Zip:	BATON ROUGE, LA 70806	
Appointment Date:	5/3/2019	
Officer(s)		Additional Officers: No
Officer:	JOHNNY B. BRADBERRY	
Title:	President	
Address 1:	8282 GOODWOOD BLVD.	
City, State, Zip:	BATON ROUGE, LA 70806	
Officer:	CARY GOSS	
Title:	Director	
Address 1:	510 O'NEAL LANE EXTENSION	
City, State, Zip:	BATON ROUGE, LA 70819	
Officer:	JAMES MITCHELL	
Title:	Secretary	
Address 1:	510 O'NEAL LANE EXTENSION	
City, State, Zip:	BATON ROUGE, LA 70819	

Mergers (1)

Filed Date	Effective Date:	Туре	Charter#	Charter Name	Role
9/12/2001	9/12/2001	MERGE	34458378D	G.E.C., INC.	SURVIVOR
			34530581D	GENERAL CONSULTING ENGINEERING, INC.	NON-SURVIVOR

Amendments on File (23)



SECTION 20 - CERTIFICATIONS/LICENSES

Description	Date
Disclosure of Ownership	3/8/1995
Disclosure of Ownership	5/27/1999
Disclosure of Ownership	1/11/2000
Appointing, Change, or Resign of Officer	9/20/2000
Disclosure of Ownership	3/8/2001
Amendment	8/3/2001
Merger	9/12/2001
Disclosure of Ownership	5/23/2002
Disclosure of Ownership	10/30/2007
Appointing, Change, or Resign of Officer	5/17/2010
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Search for Louisiana Business Filings

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Name		Туре	City	Status
CIVIL DESIGN & CONS	STRUCTION, INC.	Business Corporation	PORT ALLEN	Active
Previous Names				
Business:	CIVIL DESIGN & CONSTR	UCTION, INC.		
Charter Number:	35961196D			
Registration Date:	6/15/2005			
Domicile Address				
3251 SOUT	HERN PACIFIC ROAD			
PORT ALLE	N, LA 70767			
Mailing Address				
P O BOX 85	57			
PORT ALLE	N, LA 70767			
Principal Office Addr	ess			
3251 SOUT	HERN PACIFIC ROAD			
PORT ALLE	N, LA 70767			
Status				
Status:	Active			
Annual Report Status:	In Good Standing			
File Date:	6/15/2005			
Last Report Filed:	5/17/2024			
Туре:	Business Corporation			
Registered Agent(s)				



SECTION 20 – CERTIFICATIONS/LICENSES

Agent:	KAF	LA E.	WESTO	N				
Address 1:	795	1 FALS	E RIVEF	r road				
City, State, Z	zip: NEV	NEW ROADS, LA 70760						
Appointmen Date:	t 6/15	6/2005						
Officer(s)							Ad	ditional Officers: No
Officer:	KAF	RLA E.	WESTO	N				
Title:	Pres	sident						
Address 1:	795	1 FALS	E RIVEF	R ROAD				
City, State, Z	ip: OSC	CAR, L	A 70762					
Mergers (1) Filed Date 10/6/2006	Effective 10/6/20	Date:	Type MERGE	Charter# 35961196D	Charter Nam CIVIL DESIG	e N & CONSTRUCTION,	INC.	Role SURVIVOR
				34220123D	PAE, INC.			NON-SURVIVOR
Amendmen Description Disclosure o	ts on File of Ownersl	(3)					Date 9/7/2	2006
Domicile, Ag	icile, Agent Change or Resign of Agent 9/11/200						/2006	
Merger			-	-			10/6	/2006
		Back	to Searc	ch Results	New Search	View Shopping Cart		

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Search for Louisiana Business Filings

Buy Certificates and Certified	Copies Subscribe to Electronic N	Notification Print Detailed Record		
Name		Туре	City	Status
APS ENGINEERING A	ND TESTING, LLC	Limited Liability Company	BATON ROUGE	Active
Previous Names				
Business:	APS ENGINEERING AN	ND TESTING, LLC		
Charter Number:	40911984K			
Registration Date:	8/9/2012			
Domicile Address				
1645 NICH0	DLSON DR			
BATON ROU	JGE, LA 70802			
Mailing Address				
5261 HIGHI	_AND RD. #320			
BATON ROU	JGE, LA 70808			
Status				
Status:	Active			
Annual Report Status:	In Good Standing			
File Date:	8/9/2012			
Last Report Filed:	7/16/2024			
Туре:	Limited Liability Compa	any		
		-		
Registered Agent(s)				



SECTION 20 - CERTIFICATIONS/LICENSES

Agent:	5	Sergio av	VILES					
Address 1:	5	5261 HIGHLAND RD. #320						
City, State, Z	Zip: E	BATON RC	DUGE, L	A 70808				
Appointmen Date:	t e	6/25/2018						
Officer(s)								Additional Officers: No
Officer:	5	SERGIO AV	VILES					
Title:	n i	Nember						
Address 1:	5	5261 HIGH	ILAND F	RD. #320				
	ip: BATON ROUGE, LA 70808							
City, State, 2	Zip: E	BATON RC	DUGE, L	A 70808				
City, State, 2 Mergers (1) Filed Date	Zip: E	BATON RC	UGE, L	A 70808 Charter#	Charter Nam	e		Role
City, State, 2 Mergers (1) Filed Date 3/25/2022	Zip: E Effect 3/25/	ATON RC	UGE, L Type MERGE	A 70808 Charter# 40911984K	Charter Nam APS ENGINE	e ERING AND) TESTING, LLC	Role SURVIVOR
City, State, 2 Mergers (1) Filed Date 3/25/2022	Zip: E Effect 3/25/	ive Date:	DUGE, L Type MERGE	A 70808 Charter# 40911984K 37100062K	Charter Nam APS ENGINEI APS DESIGN A	e E RING ANE ND TESTING) TESTING, LLC 6, L.L.C.	Role SURVIVOR NON-SURVIVOR
City, State, 2 Mergers (1) Filed Date 3/25/2022 Amendmen Description	Zip: E Effect 3/25/ ts on	ive Date: 2022 File (3)	DUGE, L Type MERGE	A 70808 Charter# 40911984K 37100062K	Charter Name APS ENGINEI APS DESIGN A	e E RING ANE ND TESTING	D TESTING, LLC 6, L.L.C. Date	Role SURVIVOR NON-SURVIVOR
City, State, 2 Mergers (1) Filed Date 3/25/2022 Amendmen Description Domestic Ll	Effect 3/25/ ts on	ive Date: 2022 File (3)	Type MERGE	A 70808 Charter# 40911984K 37100062K ge	Charter Name APS ENGINEI APS DESIGN A	e E RING ANE ND TESTING) TESTING, LLC 6, L.L.C. Date 11/15/2	Role SURVIVOR NON-SURVIVOR
City, State, 2 Mergers (1) Filed Date 3/25/2022 Amendmen Description Domestic Ll Domestic Ll	Effect 3/25/ ts on _C Age _C Age	ive Date: /2022 File (3) ent/Domici	Type MERGE	A 70808 Charter# 40911984K 37100062K ge	Charter Nam APS ENGINEI APS DESIGN A	e E RING ANE ND TESTING	D TESTING, LLC 6, L.L.C. Date 11/15/2 6/25/20	Role SURVIVOR NON-SURVIVOR
City, State, 2 Mergers (1) Filed Date 3/25/2022 Amendmen Description Domestic LL Domestic LL Merger	Effect 3/25/ ts on _C Age _C Age	ive Date: 2022 File (3) ent/Domici	Type MERGE	A 70808 Charter# 40911984K 37100062K ge	Charter Name APS ENGINEI APS DESIGN A	e E RING ANE ND TESTING	D TESTING, LLC 6, L.L.C. Date 11/15/2 6/25/20 3/25/20	Role SURVIVOR NON-SURVIVOR

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Certificate of Completion

James Ellingburg

for completing the

Traffic Engineering Analysis Process & Report Class Module 1, 2 & 3

Date: Location:

August 11 – 12, 2021 Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 8.50





DOTD FORM 24-102

Certificate of Completion

Ryan Spillers

for completing the

Traffic Engineering Analysis Process & Report Class Module 1, 2 & 3

Date: Location:

August 11 – 12, 2021 Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 8.50

John Jumber Authorized Instructor



& ASSOCIATES, INC.

Certificate of Completion

Logan Michel

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: March 29, 2022 Location: Baton Rouge, Louisiana Professional Development Hours (PDHs) Awarded: 3

BSQ

How HA

Joh of Swender

Authorized instructor

Authorized Instructor

Authorized Instructor



Certificate of Completion

Logan Michel

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: March 29, 2022 Location: Baton Rouge, Louisiana Professional Development Hours (PDHs) Awarded: 3

389

Joh of Swender

Authorized Instructor

Authorized Instructor

Authorized instructor



Certificate of Completion

Logan Michel

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: March 30, 2022 Location: Baton Rouge, Louisiana Professional Development Hours (PDHs) Awarded: 3

B891

How D.

Joh of Swendel

Authorized instructor

Authorized Instructor

Authorized Instructor



SECTION 20 – CERTIFICATIONS/LICENSES

Certificate of Completion

presented to

Christopher Nipper

for completing the

Traffic Engineering Analysis Process & Report Module 1

October 1, 2018 Date: Baton Rouge, Louisiana Location:

Professional Development Hours (PDHs) Awarded: 2.5

Authorized instructor





Certificate of Completion

Christopher Nipper

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Authorized

Authorized Instructor

Authorized instructor





Certificate of Completion

Christopher Nipper

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: Location: December 3, 2018 Baton Rouge, Louisiana

Authorized Instructor

Authorized Instructor

Hours (PDHs) Awarded: 3

Professional Development

Authorized instructor





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.



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

Firm Name	Address	Point of Contact and email address	Phone Number
Louisiana's Secretary of State (SOS): <u>including</u> <u>punctuation</u> , <u>include screenshot(s)</u> from SOS at <u>the end of Section 20</u>)			
G.E.C., Inc.	8282 Goodwood Blvd.	Cary Bourgeois, P.E.	(225) 612-4121
	Baton Rouge, LA 70806	cbourgeois@gecinc.com	
Civil Design & Construction, Inc.	3251 Southern Pacific Road	Karla E. Weston, P.E.	(225) 765-1802
	Port Allen, LA 70767	kweston@cdcbr.com	
APS Engineering and Testing, LLC	1645 Nicholson Dr.	Sergio Aviles, P.E.	(225) 456-5714
	Baton Rouge, LA 70802	sergio@aps-testing.com	



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** <u>the</u> <u>Evaluation Criteria section</u> of the advertisement.

