JIMMIE DAVIS BRIDGE (LA 511) (HBI) (OWNER VERIFICATION SERVICES)







CONTRACT NO. 4400026587 | MARCH 14, 2023



SUBMITTED TO

LOUISIANA DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT

CONTRACT AND CONSULTANT INFORMATION







DOTD FORM: 24-102

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. Contract Name as shown in the advertisement	Jimmie Davis Bridge (LA 511) (HBI) (Owner Verification Services) ROUTE: LA 511 Caddo and Bossier Parishes
2. Contract Number(s) as shown in the advertisement	4400026587
3. State Project Number(s), if shown in the advertisement	H.001779.6
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	Michael Baker International, Inc. Michael Baker INTERNATIONAL
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	E.F. 0000062 V.F. 0000010
6. Prime consultant mailing address	2600 CitiPlace Drive, Suite 450
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	Baton Rouge, Louisiana 70808
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Mary Flynn, PE Construction Services Manager 225-218-2823 Mary.Flynn@mbakerintl.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Daniel Thornhill, PE Office Manager - Associate Vice President 225-218-2846 daniel.thornhill@mbakerintl.com

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

Quality Design Reviews & Inspections

LADOTD will work with a trusted partner in **Project Manager Mary Flynn**. Mary has served as the Owner's Representative on more than \$740 million worth of major bridge construction projects over navigable waterways, and has managed more than \$1.85 billion worth of Design-Build projects. Having served as a Resident Engineer for LADOTD since 2014, she is focused on delivering challenging bridge projects on schedule and within budget.

THE MICHAEL BAKER TEAM OFFERS LADOTD:

Navigable Waterway Expertise

The Michael Baker Team is well-versed in the administration of major river crossing construction projects. Projects such as Michael Baker's I-210 Prien Lake Pier Protection Project and Richard C. Lambert's LA-1 Port Allen Canal Bridge Replacement project have involved coordination with port authorities, environmental agencies, and USACE, similar to what is expected for the Jimmie Davis Bridge Replacement. We will apply this experience to anticipate and mitigate this project's unique challenges.

Extensive Design-Build Experience

As a nationally recognized Design-Build engineering firm, Michael Baker has overseen more than \$16 billion worth of Alternative Delivery projects, including more than 90 Design-Build projects. In Louisiana, we have performed OV or CE&I services on five Design-Build projects. Michael Baker developed the documentation process for Design-Build projects in Louisiana, which is still used to this day. No other team in the state will bring this experience to LADOTD, allowing for seamless project execution in both the field and office.

10. This is to certify that all information contained herein is accurate and true, and that the team presently has Davil Shohil sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from Signature above shall be the same person listed in Section 9: qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or March 14, 2023 divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting Date: such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any Michael Baker acknowledges Addendum 1 released on 2/15/2023, and contract awarded based on such a false response. Addendum 2 released on 2/16/2023. 11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which Firm(s): *Firm(s)' %:* firm(s) will be used to meet the DBE goal and each firm(s)' percentage. **Bonton Associates** 3.65% GOTECH, Inc. 4.40% The Michael Baker team exceeds the 7% DBE goal for this project.

KEY PLAYERS ON THE MICHAEL BAKER TEAM

Major subconsultant firms **WSP USA, Sigma Consulting Group,** and **Richard C. Lambert Consultants** were chosen for their availability and depth of staff, bringing an additional 80+ Design Reviewers and 80+ Inspectors to our bench. This, along with our combined expertise in Design-Build projects for major navigable waterway crossings, will ensure LADOTD receives consistent support from knowledgeable staff throughout the lifecycle of the project.



PAST PERFORMANCE EVALUATION DISCIPLINE TABLE







12. Past Performance Evaluation Discipline Table:

Past Performance Evaluation Discipline(s)	% of Overall Contract	Michael Baker	WSP	Richard C. Lambert	Sigma	Forte & Tablada	Terracon	Bonton (DBE)	Wi-Skies	GOTECH (DBE)	Each Discipline must total to 100%
CE&I/OV	55.00%	60.00%	8.00%	22.00%	0.00%	0.00%	1.00%	0.00%	1.00%	8.00%	100%
CPM	3.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bridge	13.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Road	13.00%	10.00%	10.00%	0.00%	45.00%	10.00%	0.00%	25.00%	0.00%	0.00%	100%
Traffic	4.00%	90.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	100%
Geotech	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100%
ITS	3.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	90.00%	0.00%	100%
Survey	2.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100%
Environmental	3.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Identify the percentage of work for the	Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.										
Percent of Contract	100%	50.70%	12.20%	12.10%	5.85%	3.30%	4.55%	3.65%	3.25%	4.40%	100.00%

FIRM SIZE







13. Firm Size:

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
	Administrative	2	3
	Engineer - Intern	4	15
	Engineer	3	7
	Engineer - Other	5	8
Michael Baker	Environmental Professional	1	4
INTERNATIONAL	Inspector	5	15
Michael Baker International	Inspector - Certified	1	3
	Inspector - Lead	2	3
	Principal	1	2
	Supervisor - Engineer	6	8
	Supervisor - Other	4	6
	Principal	1	25
	Supervisor—Engineer	5	15
1151)	Engineer	7	65
	Bridge Inspector	10	80
WSP USA	Engineering-Aide	8	32
	CADD Drafter	1	5
	Technician	3	75
	Principal	1	1
RCL CONSULTANTS, LIC	Supervisor – Eng.	3	3
Planning Engineering Construction Management	Engineer	1	2
	Project Office Manager	1	1
Richard C. Lambert Consultants	Inspector - Lead	2	2

RCL COMBULTANTS, LLC Planning	Inspector - Certified	2	2
Planning Engineering Construction Management Richard C. Lambert Consultants	Inspector	1	1
	Principal	1	1
	Supervisor - Eng.	2	4
	Engineer	2	5
	Engineer Intern	1	5
SIGMA CONSULTING GROUP, INC.	CADD Operator	0	3
CONSULTING GROUP, INC. A WAGGONER COMPANY	CADD Technician	0	3
Sigma	Surveyor	0	1
	Instrument Man	0	1
	Rodman	0	2
	Sr. Technician	0	1
	Clerical	1	4
	Principal	1	3
BONTON	Engineer	2	4
Bonton Associates	Engineer Intern	3	6
Donton Associates	Inspector	2	2
	Principal	1	3
FORTE	Engineer	1	21
FORTE &	Engineer Intern	1	17
TABLADA	Inspector	1	3
Forte & Tablada	Surveyor	1	6
	Party Chief	1	5

	T.		
	Supervisor Other	1	2
GOTECH	Inspector - Certified	2	7
GOTECH	Inspector - Lead	2	2
(((П)))	Principal	1	1
	Supervisor - Engineer	1	2
	ITS Technician - Lead	1	1
	Engineer	1	4
Wi-Skies	CADD Technician	1	2
	Technician	14	22
	Principal	2	2
Fierracon	Supervisor-ENG	1	4
Terracon	Inspector	2	2
13.1.43011	Inspector - Certified	4	4
	Inspector - Lead	2	2

ORGANIZATIONAL CHART







14. Organizational Chart:

PROJECT TEAM

Michael Baker International | WSP USA (WSP) | Richard C. Lambert Consultants (RCL) | Sigma Consulting Group (SIG) | Bonton Associates (BA) | GOTECH (GT) | Forte & Tablada (F&T) Terracon (TER) | Wi-Skies (WI)





DESIGN-BUILD ADVISORY COMMITTEE

Lead - Ed Callicutt, PE

ade Rung, PE, PMP Miles Williams, PE (SIG)





OV DESIGN MANAGER Kenny Collins, PE

DESIGN REVIEWS & SUPPORT

STRUCTURES

Lead - Jeff McRae, PE Mitch Carr, PE Philip Walker, PE Ed Callicutt, PE Hatem Seliem, PhD, PE, PMP (WSP) Arunava Saha, PE (WSP)

STRUCTURAL REHABILITATION

Lead - Arunava Saha, PE (WSP) Wesley Weir, PE (WSP) Llovd Pearson, PE (WSP) Raghu Surapaneni, PE (WSP)

GEOTECHNICAL

Lead - Steven Greaber, PE (TER) Lynne Roussel McMillen, PE (TER)

ROADWAY/DRAINAGE

Lead - Greg Sepeda, PE (SIG) Kenny Collins, PE Lisa Fruge, PE, PMP (WSP) Gary Chodkowski, PE Robert Lear Jr., PE, LSI (SIG) Bryan Harmon, PE (SIG) Marcus Bonton, PE (BA) Allison Schilling, PE (F&T)

TRAFFIC/MOT/TMP

Lead - Brooks Miller, PE, PTOE * Brandon Pitre, PE 1* LaDarien Beene, PE, PTOE (BA) *

LINEAR BRIDGE PARK Lead - Marcus Bonton, PE (BA) LaDarien Beene, PE, PTOE (BA)

ELECTRICAL/LIGHTING

Lead - Rosemary Seiwald Joseph Marsh, PE (WI)² On-Site Technical Advisor -John Falcone (WI)

ENVIRONMENTAL

Lead - Christopher Gesing, PE TJ Holliday, PWS

LADOTD PROJECT MANAGER

PRINCIPAL-IN-CHARGE Daniel Thornhill, PE



OV PROJECT MANAGER Mary Flynn, PE 1



CONTRACT ADMINISTRATION

DEPUTY PROJECT MANAGER

Jason Mashell, PE¹

DOCUMENT CONTROL

Belinda Bondy

CPM SCHEDULE/UPDATE Gary Chodkowski, PE

DEPARTMENT LIAISON

Gary Icenogle, PE1 Roy Payne, PE (RCL) 1

PARTNERING

Mary Flynn, PE 1 Belinda Bondy

DISPUTE RESOLUTION

Gary Icenogle, PE1

FIELD ADMINISTRATION **Elizabeth Boone**

LEGEND

- 1 holds ATSSA TCT, TCS, and Flagger certifications.
- 2 holds ATSSA TCT and Flagger certifications.
- 3 Indicates inspection personnel who will perform Coatings Rehabilitation inspections on the existing bridge, once traffic has been redirected to the new bridge.
- 4 Indicates a part-time employee.
- * Indicates personnel performing traffic engineering analysis and/or QC of traffic engineering analysis, who have completed the three TEPR modules.

PROJECT ENGINEER Gary Icenogle, PE1



ASST. PROJECT ENGINEE Roy Payne, PE (RCL) 1

CERTIF	CERTIFIED INSPECTION POOL											
	Structural	SSPC (Lead Paint Removal)	Bridge Coatings	Asphalt Paving	Asphalt Plant	PCC Paving	Embankment/Base	ACI Field Technician	Nuclear Density Gague	IMSA/Electrical	ATSSA TCS	Flagger
David Dauzat ¹	Х			Χ	Χ	Χ					Χ	Χ
Terry Butler ¹				Χ	Χ						Χ	Χ
John Poche (GT) ¹	Χ			Χ	Χ	Χ					Χ	Χ
Michael Brown (RCL) 14				Χ		Χ	Χ	Χ	Χ		Χ	Χ
Shawn Bosarge (RCL) 1	Χ						Χ				Χ	Χ
Felix Lechuga (RCL) ¹	Χ										Χ	Χ
Casey Howard, PE (WSP) 3			Χ									
William Mitchell (WSP) ³			Χ									
Josh Fisher (WSP) ³			Χ									
Eric Dennis (WSP) ³		Χ								Χ		
Dive an additional 14 least technic	:			c: _ l _ l		: /	Mal		٠		OI -4	۱. ۱

Plus an additional 14 local technicians to assist in field testing (Nuclear Gauge, ACI, etc.) as needed.

CONSTRUCTION SUPPORT

SURVEYING

Party Chief - Tommy Lake (F&T) 1 Philip Koch, PLS (F&T)²

TESTING LABORATORY Terracon (located locally in Shreveport, LA)

YOUR DEDICATED, EXPERIENCED OV/CEI TEAM

The Michael Baker team has been structured to ensure DOTD receives the support of our expert leaders, with a deep bench of available Design Review and Inspection staff. Project Manager Mary Flynn, PE will directly interface with DOTD management staff, and will be supported by **OV Design Manager Kenny Collins, PE** and full-time **Project Engineer Gary Icenogle, PE**, each of whom have *more than 35 years of relevant experience* managing, designing, or inspecting major bridge replacement and rehabilitation projects. **Principal-in-Charge Daniel Thornhill, PE** will continue to advise Mary, adding his decades of DOTD experience to her own.

MINIMUM PERSONNEL REQUIREMENTS







15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE# - Civil)	State of license	License/certification expiration date
1	Daniel Thornhill, PE	Michael Baker International	PE No. 32367 - Civil	Louisiana	09/30/2024
2	Daniel Thornhill, PE	Michael Baker International	PE No. 32367 - Civil	Louisiana	09/30/2024
2	Mary Flynn, PE	Michael Baker International	PE No. 36931 - Civil	Louisiana	09/30/2024
3	Mary Flynn, PE	Michael Baker International	PE No. 36931 - Civil	Louisiana	09/30/2024
J	Jason Mashell, PE	Michael Baker International	PE No. 45440 - Civil	Louisiana	9/30/2023
4	Gary Icenogle, PE	Michael Baker International	PE No. 18090 - Civil	Louisiana	03/31/2023
4	Roy Payne	Richard C. Lambert Consultants	PE No. 32540 - Civil	Louisiana	09/30/2024
	Kenny Collins, PE	Michael Baker International	PE No. 33109 - Civil	Louisiana	9/30/2023
	Philip Walker, PE	Michael Baker International	PE No. 46394 - Civil	Louisiana	9/30/2024
5	Brooks Miller, PE, PTOE	Michael Baker International	PE No. 34472 - Civil	Louisiana	9/30/2023
	Lisa Fruge	WSP USA	PE No. 33281 - Civil	Louisiana	9/30/2023
	Robert Lear, Jr., PE, LSI	Sigma	PE No. 29394 - Civil	Louisiana	03/31/25

STAFF EXPERIENCE







Resume TOC

Name | Role | Resume Page #

Mary Flynn, PE MPR 2&3, OV Project Manager, Partnering 10

Kenny Collins, PE MPR 5, OV Design Manager, Roadway/ Drainage Design Rev. 12

Gary Icenogle, PE MPR 4; Project Engineer; Dept. Liaison 14

Daniel Thornhill, PE MPR 1 & 2; Principal-In-Charge

Roy Payne, PE MPR 4; Assistant Project Engineer; Dept. Liaison 18

Jason Mashell, PE MPR 3; Deputy Project Manager 20

Ed Callicutt, III, PE Lead - Design-Build Advisory Committee 22

Jade Rung, PE, PMP Design-Build Advisory Committee 24

Miles B. Williams, PE Design-Build Advisory Committee 25

Jeff McRae, PE Lead - Structures Design Reviews 27



Gregory P. Sepeda, PE Lead - Roadway/ Drainage Design Rev. 29

Marcus Bonton, PE

Lead - Linear Bridge

Park Design Reviews

Arunava Saha, PE

Lead - Struct, Rehab, Des.

Rev.; Struct. Design Rev.

33

Brooks Miller, PE, PTOE

MPR 5: Lead - Traffic/

MOT/TMP Design Rev.

35

Rosemary Seiwald, JD, PE

Lead - Electrical Design

Reviews

37

Steven Greaber, PE

Lead - Geotechnical

Design Reviews

Christopher Gesing, PE

Lead - Environmental

Design Reviews

Mitch Carr, PE

Structures Design

Reviews

40

Philip Walker, PE

MPR 5; Structures

Design Reviews

Hatem Seliem, PhD, PE

Structures Design

Reviews

44



Gary Chodkowski, PE CPM Schedule/Update; Rdwy/Drain. Design Rev. 48

Name | Role | Resume Page #

Lisa Fruge, PE, PMP

MPR 5: Roadway/

Drainage Design Rev.



Robert Lear, Jr., PE, LSI MPR 5; Roadway/ Drainage Design Rev. 50

Bryan K. Harmon, PE Roadway/Drainage Design Reviews 52

Allison Schilling, PE Roadway/Drainage Design Reviews 54

LaDarien Beene, PE, PTOE Traffic Design Rev.; Lin. Bridge Park Design Rev. 56

Wesley Weir, PE Structural Rehabilitation Design Reviews 57

Lloyd Pearson, PE Structural Rehabilitation Design Reviews 59

Raghu Surapaneni, PE Structural Rehabilitation Design Reviews 60

Brandon Pitre, PE Traffic/MOT/TMP Design Reviews 62 Name | Role | Resume Page #

Joseph Marsh, PE Electrical Design Reviews 64

John Falcone Electrical Design Reviews



67
TJ Holliday, PWS
Environmental Design
Reviews
68

Belinda Bondy Document Control; Partnering 69

Elizabeth Boone Field Administration 70

David Dauzat Lead Bridge Inspector

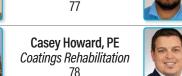
> Terry Butler Lead Roadway Inspector 73

John Poche Certified Inspector 74

Mike Brown Certified Inspector 75 | Name | Role | Resume Page #





























Firm employe	ed by	Michael Baker Interna	ational					
Name Mary Flynn, PE					Years of relevant experience with this employer	11		
Title Construction Project Manager					Years of relevant experience with other employer(s)	15		
Degree(s) / Years / Specialization				BSCE, 1997, Civil Engineering, Ohio University; BS, 1997, Surveying, Ohio University				
Active registration number / state / expiration date			date	Professional Engineer No. 36931 / Louisiana / exp. 9/30/2024; Traffic Control Technician/ LA State Specific / 11/2023; Traffic Control Supervisor / LA State Specific / 11/2023; Certified Flagger / 02/2024				
Year registere	ed	2012	Discipline	Civil Engineering				
Contract role(s) / brief description of responsibilities			bilities	MPR 2 & 3; OV Project Manager; Partnering.				



This project is Ms. Flynn's top priority – as the Owner Verification Project Manager, she is dedicated and available to apply her experience managing major bridge projects over navigable waterways to achieve timely design reviews and ensure contractor compliance with plans and specifications, quality, budget, and schedule. She will ensure contract requirements are met by assigning efficient and cost-effective experts who are properly certified and experienced to successfully deliver the project. She is also prepared to engage with the public, addressing any concerns, and actively participating in executive partnering sessions throughout the duration of the project.

- ✓ Managed \$740 million worth of major bridge projects over navigable waterways
- √ 25+ years providing OV/CE&I services for transportation projects nationwide
- ✓ 10 years serving as an extension of DOTD staff on major construction projects

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/13 - 06/18	H.010620: US 90 (I-49 South), Albertson's Parkway to Ambassador Caffery, Design-Build Owner Verification, Lafayette Parish, LA. DOTD. Owner Verification Manager/Project Engineer. Responsible for contract administration/project management, construction engineering, and managing quality inspection and materials sampling and testing for all phases of construction verification of activities and testing per CQMP, including new structure construction (AASHTO girder and steel plate girder), existing structure replacement/widening, fabrication of precast girders and MSE wall panels, MSE wall installation utilizing both straps and geogrid, full depth asphalt roadway, embankment and base course. She was also responsible for statistically validating quality assurance test data according to the Construction Quality Assurance Plan (CQAP) and tracking of Michael Baker inspection and testing within the DOTD's SharePoint Database for design-build projects, reviewing and responding to RFI's and NCR's, reviewing plans and shop drawings, verifying test data for material acceptance, and project coordination meetings. She served as liaison between the local business owners, local project stakeholders, and DOTD Project Manager. She assisted the DOTD and FHWA in the development of the State's first CQAP in 2013 and revision in 2016.
06/08 – 12/09	052-02-0024: John James Audubon Bridge Design-Build Owner Verification, Ventress, LA . <i>DOTD.</i> Assistant Quality Control Manager. Serving the Design-Builder's QC Firm, Ms. Flynn was responsible for the quality management and QC inspection of all construction activities for the 52-span bridge (AASHTO Type III and BT-72) constructed by Boh Brothers, and all construction activities for the west approach of the cable stayed bridge (15 spans including AASHTO type III, BT-72 and steel plate girders) constructed by Flat Iron including Rotational Capacity of the bolted connections. She assessed the effectiveness of the construction quality plan; performed constructability review of plans prior to construction, reviewed shop drawings, verified processing, delivery, installation, and use of products and services; evaluated quality of work for effective testing and inspections from substructure to deck completion.
01/00 - 11/02	Veterans' Glass City Skyway, Toledo, OH. Ohio DOT. DOT Project Engineer. Commonly known as the Maumee River Crossing, it is a cable stayed bridge across the Maumee River on I-280, near the Port of Toledo. The 8800' long urban structure features a single pylon centered between 612'-6" main spans over the shipping channel and a single plane of cable stays. As the ODOT-employed Project and Testing Engineer, responsible for the procurement, set up, and subsequent production of on-site test lab; trained inspection staff on material sampling and testing; and maintained documentation for testing contracts. Prior to construction, researched local materials and conducted mix designs on over 200 mixes to produce concrete meeting project requirement of 10,000 psi strength and wrote the first Quality Control Concrete Specification for the State of Ohio.

04/19 - 03/21	I-210 Prien Lake Superstructure Deck Replacement, Statewide, Louisiana. DOTD. Project Manager. Provided certified inspectors to augment LA DOTD staff. Served as point of contact to ensure the DOTD needs were met. In addition, reviewed and approved all costs associated with the project and approved invoicing prior to being sent to the client. Under this first IDIQ task order, Michael Baker provided staff augmentation services including DOTD-certified construction inspection and administration for the replacement of the I-210 Prien Lake superstructure deck. The project included installing a sub-deck safety inspection walkway, bridge barrier rail replacement, mill and overlay with asphaltic concrete, plastic pavement striping, bridge drainage, and approach slab lightening. This project also included lead paint removal managed by MBI inspection staff.
07/18 - 02/23	Southern Gateway Corridor (I-35) Design-Build Owner Verification, Dallas, TX. Texas DOT. Program Manager. Provided oversight and administration over all tasks as well as managing multiple sub consultants. Michael Baker is providing Owner Verification Testing and Inspection (OVTI) oversight for the Southern Gateway Corridor project. Michael Baker provides CE&I/OV tests at a stipulated testing frequency, along with the review and approval of quality assurance test results. Michael Baker is also conducting audits to verify the design-build team's Construction Quality Management Plan (CQMP).
01/12 - 01/13	H.003046: I-10 Widening, Siegen to Highland, Design-Build OV, Baton Rouge, LA. DOTD. Assistant Project Engineer/Assistant Project Manager. Responsible for contract administration, construction engineering, review of shop drawings and as-built plans, and supervision of OV inspection and materials sampling and testing for all phases of construction, including structural concrete, PCC paving, embankment and base course, and fabrication inspection of girder and pile. Verified inspector daily entries in SiteManager were accurate, thorough, and up to date. The innovative project widened the mainline of I-10 from four lanes to six lanes with PCC Paving, occurring to the inside (median side) of the existing pavement and includes interior widening of the I-10 Bridge of Wards Creek Diversion Canal, and replacement of the I-10 Bridge over the KC Southern Railroad and LaCrete Lane utilizing a combination of AASHTO precast girders and steel plate girders. Mi-jack overhead crane units were utilized to straddle the median from existing deck shoulders to pick and set girders to the interior widening of KCS without impacting rail or traffic in an area with little right-of-way.
12/02 - 12/05	Victory Bridge, Perth Amboy, NJ. New Jersey DOT. Project Manager/Project Engineer of Off-Site Fabrication. Precast segmental bridge that carries Route 35 over the Raritan River, consisting of span-by-span, balanced cantilever, and variable depth segments. Bridge total length of 3,971 ft twin structure, with a main span of 440 ft, allowing a 355' wide navigational channel. Pre-casting occurred in Cape Charles, VA. Oversaw quality verification inspection staff; monitored the precast geometry for horizontal and vertical match casting techniques; reviewed contractor proposals and provided technical assistance to NJDOT; single-handedly coordinated between off-site fabricator, off-site design office and project site; responsible for construction of segments from set up of casting cells to loading completed segments on a barge for intra-coastal delivery.
04/07 - 06/08	Bypass East, Burlington, WI. Wisconsin DOT. Owner's Representative/QA Manager/Project Engineer. A 3 stage bypass consisting of 3 million cubic yards of earthwork, 6 AASHTO girder bridges, 1 steel plate girder bridge with 250 LF main span, 3 CIP box culverts, and asphalt paving. Represented WisDOT as the project Bridge Engineer, managed and inspected all aspects of all structures built in each phase; reviewed all necessary changes to project and ensured construction methods for all aspects would achieve plan and specification intent; reviewed reports completed by support personnel, conferred with WisDOT Central Office designers regarding any issues that were not covered by plan; managed on-site field laboratory for materials testing including aggregate gradations, soils and concrete testing.
03/20 - Ongoing	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I) District 61, 62, and 02. DOTD. Project Manager/Project Engineer. Ms. Flynn is responsible for contract administration/project management, construction engineering, and managing inspection staff or all construction activity under full-service Task Orders (TO). Duties include project and utility coordination, manage meetings, development of TO sampling plan, verifying accuracy of field records and sampling/testing documentation, equipping inspection staff appropriately for testing, and documentation per needs of TO, verify and approve monthly estimate, developing As-Built plans, developing Change Order for DOTD approval, manage the RFI and claims process utilizing DOTD established forms, disseminating press releases, and performing any other engineering function as requested by the AE. - H.013271.6 Task Order 1: Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish, Louisiana. The project consists of upgrading signage, refreshing pavement markings, and installation of solar powered flashing beacons, on various local roads in Tangipahoa Parish. Complete - H.013532.6: Task Order 2: Denham Springs Rd Signing & Striping, Livingston Parish, Louisiana. The project consisted of upgrading signage, - refreshing pavement markings, closure of two (2) boulevard median turn areas, and related work on various local roads. Complete. - H.012473.6: Task Order 3: Marconi Dr Shared-Use Path, Orleans Parish, Louisiana. The project consisted installing a 10 foot wide shared-use path and raised composite wood boardwalk and all associated striping and signage within New Orleans City Park. Complete. - H.009308.6: Task Order 4: New Orleans DPW SRTS Sidewalk Project, Orleans Parish, Louisiana. Safety upgrades to five schools in the Orleans Parish area, including shared-use path, sidewalks, ADA crossings, traffic signalization and related work. Estimated Completion 04/2023. - H.012527.6: Task Order 5: Local Road Safety Upgrades (W. Felic

Firm employed by Michael Baker International				ational				
Name Kenny Collins, PE					Years of relevant experience with this employer	39		
Title Associate Vice President				Years of relevant experience with other employer(s)	0			
Degree(s) / Years / Specialization				BS / 1983 / Civil Engineering, Louisiana State University				
Active registration number / state / expiration date			date	Professional Engineer No. 33109 / Louisiana / exp. 9/30/2023				
Year registered 2007 Discipline			Discipline	Civil Engineering				
Contract role(s) / brief description of responsibilities			bilities	MPR 5; OV Design Manager; Roadway/Drainage Design Reviews.				
	Konny is experienced in the design of steel plate girder bridges development of readway plans for highway and bridge projects, and the complexities of major bridge impro						f major hridge improve	



Kenny is experienced in the design of steel plate girder bridges, development of roadway plans for highway and bridge projects, and the complexities of major bridge improvement projects crossing over naviable waterways. He oversees a range of transportation projects including preparation of NEPA documents, surveys, right-of-way, preparation of final roadway and bridge plans, contract documents and complete construction management and inspection.

- ✓ Highly experienced in steel plate girder bridge design
 ✓ Oversees all elements of transportation structure improvements: bridge/ roadway plan preparation, NEPA documentation, surveying

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/99 - 12/02	I-55/I-20/ US 49 Rehabilitation; Stack #3 Design Phase, Jackson, MS. Mississippi DOT. Project Manager. Responsible for contract administration and oversight of project; the re-design and updating of previously designed plans for the major interchange of one highway and two interstates in Jackson, Mississippi. Work included updating 15-year old plans to current standards and specifications, modification of alignments, recreating traffic control and all other aspects of this major interchange, including re-design ofa curved plate girder "fly-over" bridge. Michael Baker provided engineering services (field surveys, preliminary through final design, and certain construction phase services including public relations assistance) for the rehabilitation of the interchanges of Interstate 20 with both Interstate 55 and U.S. Highway 49 in Jackson, Mississippi. The total project will be built through a series of four separate construction contracts all designed by Michael Baker. Current project is "STACK III". The project was awarded The 2010 Grand Conceptor Award for Engineering Excellence presented by the American Council of Engineering Companies of Mississippi.
10/17 - 07/22	U.S. 49 Florence to Scales Construction Engineering and Inspection, Rankin County, MS. Confidential Client. Technical Manager. Technical Manager. Responsible for the management of Phase C services. This includes review of all submittals form the contractor and answering all RFI's from the contractor. This also includes attending all meetings with the contractor. Michael Baker provided engineering services, including field surveys, preliminary through final design, construction phase services, and public relations support, for the construction of U.S. 49 from Florence to the Scales Area. Working as an extension of client staff, Michael Baker provided construction management, Phase C Design (RFI/submittals), utility coordination, scheduling review (Primavera P6), material testing, erosion control, surveying, traffic control, and public relations support, for the construction of U.S. 49 from Florence to the Scale Area.
06/91 - 12/05	Shepherdstown Bridge, Jefferson County, WV, and Washington County, MD. West Virginia DOT. Structural Engineer. Responsible for assisting with design and development of preliminary and final bridge plans for the replacement of this historical bridge structure over the Potomac River in Shepherdstown, West Virginia. Michael Baker was selected by the West Virginia Division of Highways (WVDOH) to provide all environmental and engineering services for the replacement of the James Rumsey Bridge. The bridge is a historic structure of Wichert Truss design originally constructed in 1937. It is listed on the National Register of Historic Places. The James Rumsey Bridge carries WV Route 480 and MD Route 34 vehicular traffic over the Potomac River. The bridge currently has sidewalks on both sides that carry pedestrians and bicyclists. The bridge also crosses over the C&O Canal National Park and National Register listed C&O Canal on the Maryland side. The town of Shepherdstown, West Virginia lies on the west side of the bridge. The replacement of the bridge is necessitated by its rapidly deteriorating condition. The AASHTO LRFD Bridge Design Specifications were used for this bridge design.

09/19 - 03/21	S.R. 9 Bridge Replacements, Calhoun County, MS. Mississippi DOT. Technical Manager. Responsible for contract administration and project oversight. Michael Baker provided engineering and design services for final bridge construction plans for four bridge replacements: Bridge No. 35.5 over Shutispear Creek, Bridge No. 40.7 over Yalobusha River Relief, Bridge No. 40.9 over Yalobusha River, and Bridge No. 41.2 over Yalobusha River Relief on S.R.9.
07/21 - 11/22	S.R. 28 Big Creek, Quinn Creek, and Strong River Bridge Replacements, Simpson County, MS. Mississippi DOT. Engineering Manager. Served as the Engineering Manager to oversee and manage overall aspects of this project. Michael Baker is providing engineering services for the replacement of the S.R. 28 bridges over Big Creek, Quinn Creek, and Strong River. Michael Baker's services included hydraulic analyses, scour assessments, stream bank stabilization evaluations, preparation of hydraulic analysis reports, and conceptual and preliminary design.
09/10 - 09/11	Replacement of the S.R. 512 Bridge over the Chickasawhay River, Clarke County, MS. Mississippi DOT. Project Manager. Project Manager. Served as project manager for overall design and plan development. Michael Baker provided engineering services for the replacement of the S.R. 512 bridge over the Chickasawhay River. Michael Baker's services included a review of previous design plans, field survey, and the development of final construction plans. Also served as Technical Manager responsible for project oversight for this Phase C project, which included review of shop drawings for the replacement of the bridge.
04/97 - 12/02	Cowan-Lorraine Road Extension, Gulfport, Harrison County, MS. Mississippi DOT. Project Manager. Responsible for the design of a new 4-lane route extending from I-10 to SR 67(8.0 miles). Work included complete field survey, roadway and bridge design including both prestressed concrete beam spans and a 492-feet long 3-spancontinuous steel plate girder high rise bridge. The roadway included a diamond interchange at S.R. 67. There were two hydraulic crossings one of which was a major crossing of the Biloxi River where navigational clearances were required. Bridges were also required for the grade crossing of the diamond interchange. Michael Baker provided complete environmental services in connection with this 8-mile project; a new 4-lane divided highway all on new location. Michael Baker also provided complete engineering services for the design of 4-laning eight (8) miles of Cowan-Lorraine Road Extension in Harrison County.
10/95 - 04/98	I-10 Widening, Harrison County, Mississippi, From Exit 28 to East of the Biloxi River Bridges, Harrison County, MS. Mississippi DOT. Engineer. Responsible for the design of the widening of the two I-10 bridges over Fritz Creek and Biloxi River. Michael Baker provided engineering services to add one additional lane each direction to I-10 from just east of the Wolf River to just east of the Biloxi River, approximately 12.6 miles. The project included widening 10 pairs of structures.
10/92 - 12/96	S.R. 26 Pearl River Bridge Replacement, Bogalusa, LA. Mississippi DOT. Project Manager. Responsible for overall project management. Produced structural design calculations and drawings for S.R. 26 bridge. Michael Baker provided engineering services for a 3,000-foot long bridge having a navigational span using Bulb-T girders and providing navigational clearances for future barge traffic.

Firm employed by Michael Baker International						
Name Gary Icenogle, PE					Years of relevant experience with this employer	17
Title	Project E	ngineer			Years of relevant experience with other employer(s)	31
Degree(s) / Years / Specialization				BSCE / 1975 / Civil Engin	eering, University of Arkansas at Fayetteville	
Active registration number / state / expiration date			date		o. 18090 / Louisiana / exp. 3/31/2023; Traffic Control Techni c Control Supervisor / LA State Specific / 02/2025; Certifie	
Year registere	ed	1979	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			bilities	MPR 4; Project Engineer	r; Department Liaison.	
As the Project Engineer working in close coordination with Mary Elve			dination with Mary	Elypp Cory is immediate	aly available full time to eversee our field construction in	enaction corvince for t



As the Project Engineer working in close coordination with Mary Flynn, *Gary is immediately available full-time* to oversee our field construction inspection services for the Jimmie Davis Bridge replacement. He has previously served as Project Engineer for twelve LADOTD TIMED program projects in Northeast Louisiana (2005-2012) - Ruston, Louisiana. In addition, he has served as Resident Engineer on five ARDOT Connect Arkansas Program (CAP) projects. He is highly skilled at managing field and office staff providing contract administration and inspection services.

- √ 40+ years' CE&I experience
- ✓ 20+ years Responsible Charge of Road and Bridge Construction projects
- ✓ Former LADOTD District Construction Engineer
- ✓ Provided project documentation and close-out of the I-10 Design-Build project in Baton Rouge

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
08/12 - 2014	Interstate 10 Widening Design-Build Project, Statewide, Louisiana. DOTD. Assistant Engineer. Assisted Resident Engineer with project documentation and field inspection. Project consist of the widening the mainline of I-10 from four lanes to six lanes, including signage and median barrier, for approximately 3 miles beginning just East of the Siegen Lane Interchange (the Eastern terminus of the current I-10 widening project - SP# 450-10-0108) and proceeding eastward to the Highland Road Interchange. Widening is occurring to the inside (median side) of the existing pavement and includes interior widening of the I-10 Bridge of Wards Creek Diversion Canal, and replacement of the I-10 Bridge over the Kansas City Southern Railroad and LaCrete Lane. Other improvements include modification of drainage structures to accommodate the widened highway, modification and upgrade of the existing lighting, guardrail and pavement markings.
05/97 - 05/05	Monroe District Construction Engineer, Monroe, Louisiana. DOTD. District Construction Engineer. Responsible for management of staff and equipment for 5 Project Engineer's Offices and the District Laboratory which serve a nine parish (county) area. Currently the District has 40 active projects valued at \$128 M. The District Utility Technician and Training Section also report to this position. Duties include the assignment of contract projects to the project engineers for oversight, review and coordination of PE activities for conformance to procedures, review and approval of change orders within LA DOTD guidelines, and initial conflict resolution between the contractor and project office. Pre-construction activities include plan reviews for constructability or other recommendations, coordination of utility relocations with District Tech., and interpretation of proposed construction for District Real Estate. Position is responsible for maintaining staff through recruiting and/or hiring, vehicle replacement or other equipment acquisition through procurement procedures, and recommending disciplinary actions or termination for employees. Serves in assistant capacity to the District Engineer Administrator on Construction related matters. Direct Staff – 3 Project Engineers and District Laboratory Engineer. Approximately 60 Construction personnel comprised of Assistant Engineers/E.I's and technicians. Key project during this time was the replacement of the Mechanical Bridge (swing span) for the Desiard Street Bridge, in which Mr. Icenogle worked closely with the Project Engineer, Construction and Bridge Design on this project.

08/12 - 03/13	Construction Inspection for Replacement of I-210 Piers 24 and 25 Protection System, Calcasieu Parish, Louisiana. DOTD. Resident Engineer. Assisted project office with compiling final materials and estimate documentation for LA DOTD. Michael Baker provided construction engineering and inspection (CE&I) and construction administration services for the replacement of the pier protection system for piers 24 and 25 of the I-210 Bridge over the Calcasieu Ship Channel at Lake Charles. Michael Baker performed inspection of the construction of sheet piles, micro-pile foundation and structural concrete, sampling and testing associated construction materials, and administration of construction work.
03/14 - Ongoing	Bella Vista Bypass Construction Services, Benton County, Arkansas. <i>ARDOT.</i> Resident Engineer. Responsible for engineering on the project. Michael Baker is providing construction management and inspection services for the construction of the Bella Vista Bypass; approximately 6.37 miles of two-lane roadway with main lane, ramp, and overpass bridge structures extending from US 71B to US 72 South. Michael Baker's services include project management, construction management, and construction inspection.
06/15 - Ongoing	I-49 Widening from Highway 71B to Highway 412 Construction Services, Benton County, Arkansas. ARDOT. Resident Engineer. Responsible for management of all construction engineering and inspection. Michael Baker provided construction management and inspection services for the widening of this five-mile section of I-49 through the Northwest Arkansas corridor. Construction included widening from four to six lanes, including the widening of six bridges. The project also included asphalt overlay of the existing lanes. Michael Baker's services included project management, construction management, and construction inspection.
	Program Management Services for the Transportation Infrastructure Model for Economic Development Program, Statewide, Louisiana. DOTD. Resident Engineer. Louisiana TIMED Managers (LTM), Ruston, Louisiana - Duties as LTM Resident Engineer included managing highway and bridge construction projects concurrently (approximately 63 miles). He was in Responsible Charge for the construction of over 50 miles of roadway with 10 bridges along the US 167 corridor coordination His responsibilities included a staff of 20 construction inspectors providing quality control/quality assurance inspection, sampling and testing services, overall contract administration, claims avoidance and processing, change order writing, and problem resolution for the following project segments:
05/05 - 08/12	- 038-03-0022: Bastrop – Log Cabin, Route 425, Morehouse Parish, Louisiana (LA DOTD) (6/08 to 7/12) - 023-10-0036: Dubach – Bernice, Route 167, Lincoln & Union Parishes, Louisiana (LA DOTD) (9/06 to 6/11) - 023-06-0044: Quitman – Lincoln Parish, Route 167, Jackson Parish, Louisiana (LA DOTD) (4/06 to 5/11) - 038-03-0024: Log Cabin – Arkansas Line (Jct. LA 142), Route 425, Morehouse Parish, Louisiana (LA DOTD) (1/08 to 2/11) - 023-11-0027: Lillie – Arkansas Line (North & South Sections), Route 167, Union Parish, Louisiana (LA DOTD) (8/06 to 6/10) - 023-11-0026: Jct. LA 2 (Alt) – Lillie, Route 167, Union Parish, Louisiana (LA DOTD) (1/07 to 3/10) - 023-10-0039: Jct. LA 822 – Dubach, Route 167, Lincoln Parish, Louisiana (LA DOTD) (10/06 to 9/09) - 015-08-0026: LA 841 – Rilla, Route 165, Ouachita Parish, Louisiana (LA DOTD) (10/07 to 6/09) - 023-10-0035: Vienna – Jct. LA 822, Route 167, Lincoln Parish, Louisiana (LA DOTD) (1/06 to 2/09) - 015-07-0043: Columbia – Jct. LA 847, Route 165, Caldwell Parish, Louisiana (LA DOTD) (8/05 to 12/07) - 015-08-0028: Caldwell Ph – LA 841, Route 165, Ouachita Parish, Louisiana (LA DOTD) (7/05 to 6/06) Michael Baker served as a member of the Louisiana TIMED Managers (LTM) joint-venture team, which provided comprehensive program management services for the TIMED program which consisted of 40 road and 3 major bridge projects.

Firm employed by Michael Baker International						
Name Daniel Thornhill, PE					Years of relevant experience with this employer	3
Title	Office Exe	ecutive/Associate Vice	President		Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization				BS/1997/Civil Engineering, Louisiana State University and A & M College		
Active registration number / state / expiration date			date		o. 32367 / Louisiana / 09/2024; Traffic Control Technician/ I Supervisor / LA State Specific / 04/2025; Certified Flagger	
Year registere	Year registered 2006; 2002 Discipline Civil Engineering					
Contract role(Contract role(s) / brief description of responsibilities			MPR 1 & 2; Principal-In-0	Charge.	



Mr. Thornhill will support and commit the necessary resources to Project Manager Mary Flynn, PE, to complete OV services, and provide accountability for quality and timeliness. He will also ensure priorities are established before and during execution of the project. Daniel has successfully partnered with Mary numerous times to deliver high-quality OV or CE&I services to LADOTD on projects such as the Prien Lake Bridge Redecking and Safety Improvements project, the Safe Routes to Schools program, the I-10 TX Line-E of Coone Gully project, and others.

- ✓ Highly familiar with DOTD staff, procedures, and projects
- ✓ Knowledgeable of the deveopment of the Jimmie Davis Bridge for the last decade

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/21 - Ongoing	US 371: KCS RR Overpasses HBI, Webster Parish, LA. DOTD Headquarters. Principal/Project Manager. Responsible for the design and development of construction plans for the replacement of 3 bridges at two locations along US 371. First location is the replacement of a 3 span bridge over KCS Railroad in Sibley, LA. Project entails the development of new bridge alignment following DOTD and KCS Railroad requirements along with modifications of the existing road to accommodate the new bridge vertical alignment. Additional site requirements include developing a detour road/bridge alignment to construct the new bridge under traffic along with reconstruction of LA 164/US 371 intersection. Second location is the replacement of parallel bridges along US 371 at the Minden/I-20 interchange. Bridges will be replaced in phase construction to maintain traffic. Two new 3-span bridges will be construction over KCS railroad meeting all the required DOTD and KCS design requirements as required at the Sibley bridge site. Project is being done directly for DOTD Headquarters and the project resides in District 04.
08/22 - Ongoing	Barksdale AFB Entrance Roads, Bossier Parish, LA. DOTD District 04. Transportation Design Lead. Responsible for the development of construction plans for new entrance roads for Barksdale AFB. The project includes a new roundabout at the Air Force Base gates along with new 4-lane divided highway to tie into the new LA 1267 highway constructed by DOTD under the I-20/I-220 Design Build interchange improvements. Additional responsibilities include coordination with the DOTD I-20/I-220 Project Manager and Design Build Owner Verification Managers along with overseeing new roadway design that meets DOTD Design requirements. The new roundabout is designed to be a multi-lane roundabout that accommodates the new LA 1267 spur of the I-20/220 interchange. Project includes the addition of street lighting in accordance with DOTD lighting guidelines. Additional responsibility is the coordination with DOTD for a project permit with District 04.
04/22 - Ongoing	LA 30: EBR PL – I-10, East Baton Rouge, Iberville, and Ascension Parishes, LA. DOTD Headquarters. Principal/Project Manager. Responsible for the oversight of the Environmental Assessment (EA) of the widening of LA 30 from a 2-lane roadway to 4-lane roadway. Project limits is roughly 14 miles from the East Baton Rouge/ Iberville Parish line to the terminus at I-10 interchange. Project is currently in Part 1 of the EA which main focus on traffic count/study/analysis along with some early environmental field screening, initial geometric improvements at existing 5 intersections, SUE services, and development of existing hydraulic flows for existing 6 bridge/culvert structures. Additional responsibilities include oversight of existing alignments along with existing right-of-way lines. Additional coordination required is with DOTD new Mississippi River Bridge Environmental on-going project. Addition 7 miles of project has recently been added to the project to include LA 30 from Brightside/Lee Drive Intersection to the East Baton Rouge/Iberville Parish line. Project challenges are the number of industrial pipelines that parallel LA 30 on both sides of the roadway along with railroad on the west side of LA 30 from Brightside Intersection to just south of East Iberville High School.

10/22 - Ongoing	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07. DOTD District 07. Principal. Responsible for the oversight of the development of a Preliminary Bridge Matrix and Final Structure Recommendation for the off-system bridge program for five parishes in District 07. Project is broken into Initial Phase and Final Design Phase. Matrix developments were part of the initial phase that started in October 2022 and was finished and submitted in December 2022. District 07 was given \$30.3 million dollars with allocations for each parish. Additional responsibilities included meeting with each Parish engineer/Policy Jury to determine priority for which bridges needed replacement. Based on priorities, environmental screening was done to determine any mitigation requirements along with determining if additional rights-of-way may be required along with utility relocations. The Final Structure Recommendation determined how many bridges could be replaced on program with allocated funds that also included design and inspection cost.
12/06 - 06/10	Green Light Plan (GLP), East Baton Rouge Parish, Louisiana. East Baton Rouge Parish. Project Manager. Responsible for the design and construction of 7 projects in East Baton Rouge Parish: Siegen Lane - Highland Road to Perkins Road (DOTD Roadway); Highland Road - Old Perkins Road to Airline Highway (DOTD Roadway) (Included new bridges and railroad coordination for at grade crossing); Jones Creek Road - Coursey Blvd to South Harrell's Ferry Road (Included new bridges); South Harrell's Ferry Road - Millerville Road to O'Neal Lane (Included new box culvert bridge); O'Neal Lane - South Harrell's Ferry Road to just south of I-12 (DOTD Roadway); and Lobdell Avenue - Government Street to Florida.
10/20 – Ongoing	I-10 TX Line-E of Coone Gully, District 07, LA. DOTD. Principal-in-Charge. Served as the Office Manager Engineer. Worked with the Project Manager to assign resources and go over project budgets. Michael Baker provided staff augmentation services for District 07 inspection and administrative staff. The project involved widening 10.5 miles of I-10 to six lanes from the Texas state line to east of LA 108, replacing and widening 10 bridges, and replacing the eastbound weigh-in-motion system. Michael Baker provided construction inspection for structural work, PCC Paving, and drainage work.

Firm employ	ved by Richard C. Lambert Consultants, LLC						
Name	Roy Payr	ne, PE			Years of relevant experience with this employer	2	196
Title	Project E	ngineer (Supervisor-Eng)			Years of relevant experience with other employer(s)	17	1/20
Degree(s)/	' Years / Spec	cialization		BS, Civil Engineering, Lo	uisiana State University , 2002		
Active registration number / state / expiration date			date		o. 32540 / LA / 09/30/2024 ; Traffic Control Technician/ L Control Supervisor / LA State Specific / 11/2024; Certifie		
Year registe	ered	2006	Discipline	Civil Engineering			S 54 60
Contract rol	le(s) / brief a	lescription of responsi	bilities	MPR 4; Assistant Projec	t Engineer; Department Liaison.		
					SSA Traffic Control Supervisor and Licensed in the State lways and bridges, interstate construction, utility improv		
Experience (mm/yy-mn		Experience and qualithe years of experien	ifications relevant to ace specified in the	o the proposed contract; i. applicable MPR(s).	e., "designed drainage", "designed girders", "designed inte	ersection", etc. Experienc	ce dates should cover
12/20 - 0	Ongoing	for the construction	SPN: H.001234: LA1: Port Allen Canal Bridge Replacement Phase 1 HB1 &I, West Baton Rouge Parish. LADOTD. Construction Manager. Construction manager or the construction of a new LA 1 southbound bridge over the Intracoastal Canal, approach roadway, Ernest Wilson Dr., and 2 at grade railroad crossings in Port Allen, a in West Baton Rouge Parish. The approach LA 1 southbound roadway will be Portland Cement Concrete Pavement and Ernest Wilson Dr. will be Asphalt Concrete Pavement.				
08/07 -	- 05/08	US 190 Bridge Replacement Over Amite River Basin, SPN 013-06-0046, Denham Springs. LADOTD. Project Manager. Work involved serving as the project manager in the management of replacing the existing US 190 eastbound bridge and through truss westbound bridge with new girder span bridges. The project consisted of drainage improvements, excavation and embankment needed to construct the new bridge abutments and removal of the existing embankment plugs within the basin. Approximate construction cost was \$29.1M.					
6/20 - 0	Ongoing	SPN: H.00781, H.000710, H.002273, and H.001352: Comite Diversion Canal Ce&I And Utility Relocation Routes: US61, LA964, LA19, AND LA67, East Baton Rouge Parish. Construction Manager. Mr. Payne was construction manager for the utility relocation and construction of a Bridge at LA 964, Bridge at LA 19, and Bridge at LA 67 at the Comite River Diversion Canal to periodically monitor the construction of the Bridge at US 61 and the Geaux Rail Bridge. Project includes monitoring of the construction new separate permanent highway bridges including approaches; temporary highway bypass roads (on grade); shoo-fly (on grade) and rail bridge and several utility relocations.					
05/04	- 11/05	Interstate 55 Bridge Replacement And Grade Raise ProjeCT, SPN 452900137, Hammond. LADOTD. Assistant Project Engineer. Mr. Payne helped manage replacing four existing bridges on Interstate 55 and raising the overall road grade by approximately two feet using approximately 26k tons of asphalt laid on I-55. Two bridges replaced had a ninety-degree crossing and two bridges replaced were built on a sixty-degree skew. All four bridges were slab span and used 16-inch precast concrete piles with two bridges for northbound and two bridges for southbound I-55.					
05/05 -	- 09/07	LA Highway 1026 Juban Road Interchange Project, SPN 454-02-0035, Denham Springs. LADOTD. Project Engineer. Work involved serving as the Project Engineer in the management of replacing the existing overpass bridge over Interstate 12 with a new overpass bridge using AASHTO Type 4 girders for the spans. The bridge consisted of 14-inch precast concrete piles with pile cap footing and multi column bents, on and off ramps, drainage improvements and approximately 600k cubic yards of excavation and embankment needed to construct the bridge headers and new roadway. The project also consisted of re-aligned the existing LA Highway 1026 and constructing a new LA Highway 1026 with concrete pavement. Approximate construction cost was \$20.2M.					

06/15 - 06/16	Blackwater Bayou Bridge Replacement (La Highway 410), SPN H.007961, Central. LADOTD. Project Engineer. Work involved serving as the Project Engineer in the management of replacing the existing timber pile bridge with a new slab span bridge with 16-inch precast concrete piles on Blackwater Road. The project consisted of installing subsurface drainage to replace the existing open ditches. Road sections of approximately five hundred feet on both sides of the bridge was also replaced using a soil cement base course and asphalt. Approximate construction cost was \$1.8M.
02/15 - 05/16	Essen Lane Bridge Widening, SPN H.011668, Baton Rouge. LADOTD. Project Engineer. Work involved serving as the Project Engineer in the management of widening the existing Essen Lane bridge over Ward's Creek. The existing bridge on Essen Lane was widened on both sides of the bridge to allow for an additional northbound lane to be added in a follow-up road construction project. Also included in this project was utility relocation and oversight by the project engineer on behalf of LA DOTD. Clearing and grubbing was also included as part of this project. Approximate construction cost was \$2.1M.
01/03 - 05/04 (with LADOTD)	LA Highway 16 Bridge Replacement Over Bogue Chitto Slough, Franklinton. LADOTD. Assistant Project Engineer. Served as Assistant Project Engineer in the management of replacing the existing bridge over the Bogue Chitto slough. The box beam bridge consisted of one lane in each direction with widened shoulders. The bridge was constructed using split slab construction and 16-inch precast concrete piles.
09/14 - 02/15	City/Parish Project No. 12-BR-US-0018: East Brookstown Over Hurricane Creek, East Baton Rouge. EBR Parish DPW. Project Engineer. Work involved serving as Project Engineer to oversee the construction of the replacement for the bridge on East Brookstown over Hurricane Creek. The bridge was a slab span bridge that replaced an existing timber bridge. The project consisted of drainage improvements around the bridge, 16-inch precast concrete piles, cast-in-place concrete revetment, and re-shaping along the canal within the existing right-of-way. Approximate construction cost was \$700k.
01/20 – Ongoing	SPN: H.007160.6: Entity Contract EBR Computerized Traffic Signal, PH VB (CE&I). East Baton Rouge Parish. Construction Manager. Mr. Payne served as Construction Manager for a project involving the synchronization of several traffic signals at several state and local intersections along Choctaw Drive, Greenwell Springs Road, South Choctaw Drive, and North Foster Drive, in Baton Rouge, Louisiana.

Firm employed by Michael Baker International						
Name Jason Mashell, PE					Years of relevant experience with this employer	4
Title	Title Department Manager - Construction Services				Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization				BS/2001/Civil Engineerin	ng, Louisiana Tech University	
Active registration number / state / expiration date			date		o. 45440 / Louisiana / exp. 9/30/2023; Traffic Control Techr Control Supervisor / LA State Specific / 8/2025; Certified F	
Year registere	ed	2021	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			bilities	MPR 3; Deputy Project N	Manager.	
A Chrovenort notive Jacon has along to 20 years of managing mul			ro of managing mu	ultiple types of construction	un projects. As a former Toyon Department of Transportation	n AE Jasan was room



A Shreveport native, Jason has close to 20 years of managing multiple types of construction projects. As a former Texas Department of Transportation AE, Jason was responsible for managing 42 inspectors and recordkeepers across more than 40 simultaneous CE&I and construction projects valued over \$600 million. His construction experience includes the management of more than 50 projects involving new bridge location replacements and widenings on interstates, urban and rural highways, and off-system roadways.

- ✓ Capable of managing 40+ inspectors and recordkeepers
- ✓ 50+ projects involving new bridge location replacements and widenings
- ✓ Former Texas DOT AE

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/18 - 02/23	Southern Gateway Corridor (I-35) Design-Build Owner Verification, Dallas, TX. Texas DOT. Assistant Project Manager. responsible for overseeing project inspection and material testing, resolving RFI's, processing change orders and reviewing monthly schedules. Michael Baker is providing Owner Verification Testing and Inspection (OVTI) oversight for the Southern Gateway Corridor project. Michael Baker provides CE&I/OV tests at a stipulated testing frequency, along with the review and approval of quality assurance test results. Michael Baker is also conducting audits to verify the design-build team's Construction Quality Management Plan (CQMP).
06/16 - 08/19	US 175 (SM Wright) Reconstruction Project, Dallas, TX. Texas DOT. Construction AE. Served as the TxDOT Construction Engineer and AE overseeing project budget and schedule, assigning inspectors and engineers to oversee project, resolving any contractor issues, providing City of Dallas officials with project updates, and coordinating/presenting quarterly meetings with community stakeholders. This \$103M project reconstructed the US 175 and I-45 Interchange and involved construction of new prestressed concrete beam and steel girder spanned bridges, retaining walls, noise walls, drainage, concrete and asphalt paving, traffic items, railroad coordination and also required mitigation of hazardous soils and groundwater. New bridges were constructed within the floodplain footprint of the Trinity River and work was near existing floodgates that had to be left in place during the construction.
11/19 - Ongoing	I-2/I-69C Interchange and I-2 Reconstruction Design-Build, Pharr, McAllen, and San Juan, Texas. Texas DOT. QA/QC Engineer. Responsible for reviewing and creating quality control procedures. Also responsible for providing constructability reviews for maintenance-of-traffic plans and reviewing RFI's, and NCR's for Geotech and Structural construction project issues. Michael Baker provided design and engineering services for this major transportation reconstruction project for 7.8 miles of operational and safety improvements along I-2 in a rural-to-urban segment of the county. For this project, it developed roadway designs and alternative concepts as well as maintenance and protection of traffic (MOT) plans for efficiently redirecting traffic. Its roadway, bridge, and MOT teams collaborated using 3D models to ensure designs met requirements set by the Texas Department of Transportation (TxDOT) for construction clearance, profile grades, design speeds, bridge removals, and work-zone traffic barrier clearances. Michael Baker's unique solution for construction allowed the contractor to construct three out of the four direct connectors using minimal closures. By eliminating these restrictions, the contractor could offer a lower bid, reducing costs and saving money.

03/12 - 11/15	Sylvan Avenue Bridge Replacement, Dallas, TX. Texas DOT. Construction Engineer. While at TxDOT, served as Construction Engineer that was responsible for overseeing inspectors in order to ensure project was built in accordance to plans and specifications, reviewing monthly construction schedules, resolving all contractor questions and RFI's, performing and negotiating all project change orders and coordination with the City of Dallas and Flood Control regarding construction activities. This \$42 M project replaced an existing bridge structure that was located in the flood plain of the Trinity River that would flood whenever the Trinity River would become closing to over topping its banks. The new bridge structure was constructed at a higher elevation out of the flood plain and utilized a new concept of the time, spliced concrete girders. This engineering design consisted of utilizing concrete girders that were tied together by post tensioning. This new concept was chosen as cheaper alternative to steel girders and required less bents to be constructed in the floodplain. Work on this project required coordination with the Army Corp of Engineers and the City of Dallas Flood Control due to being within the earthen levees of the Trinity River flood plain.
03/15 - 12/17	Marsalis Avenue Bridge Replacement, Dallas, TX. Texas DOT. Construction Engineer. While at TxDOT, served as Construction Engineer that was responsible for ensuring project inspection of bridge, retaining wall, drainage and pavement work, resolving all contractor questions and RFI's, reviewing contractor's schedule submittal for compliance and resolving any contractor delay claims. This \$3M project replaced an existing bridge structure with a new prestressed concrete girder bridge that spanned Five Mile Creek. This project was in an environmentally sensitive area that required minimum construction disturbance work done in the creek and required coordination and permission from the City of Dallas Park Department if any trees needed to be removed for any construction work
09/13 - 01/19	SH 78 Roadway Widening Project, Wylie, TX. Texas DOT. Construction Engineer. While at TxDOT, served as Construction Engineer that was responsible for overseeing project inspection and material testing, resolving RFI's, processing change orders and reviewing monthly schedules. This \$21 M project involved the widening of a rural two-lane highway into an urban six lane highway and involved installing new concrete pavement, drainage and bridge structures, retaining walls and new traffic signals. The new bridges were installed across the East Fork of the Trinity River that flooded and came out of its bank's multiple times during the course of the project and required careful environmental coordination and traffic control modifications in order to safely construct.
10/19 - 10/21	I-35E (Lowest Stemmons) Reconstruction Project, Dallas, TX. Texas DOT. CE&I Staff Manager. Served as Manager of CE&I staff overseeing this project. This congestion relief project provided operational improvement along I-35E with construction of collector-distributor roads and reconstruction of frontage roads from IH 30 to North of Oak Lawn Avenue. The construction includes constructing four to six collector-distributor lanes, six new prestressed concrete beam bridges, two bridge widenings, and 17 retaining walls. Staff responsibilities included project inspection, testing of materials, reviewing contractor schedule submittals, reviewing traffic control, project SW3P, preparing change orders and working with contractor, TxDOT and EOR to resolve field issues. Jason worked with staffing to resolve field issues and provide recommendations to TxDOT to resolve any contractor delay claims.
02/16 - 07/18	I-345 Steel Girder Repair Project, Dallas, TX. Texas DOT. Construction Engineer. While at TxDOT, served as Construction Engineer for this project and duties included resolving any contractor issues and RFI's, coordinating with Public Information Office regarding the series of closures that were needed on this busy highway corridor, reviewing project schedule, preparing and negotiating all project change orders and overseeing inspection staff assigned to project. This project consisted of making repairs to address the cracked webs of the steel girders and to provide additional connections and supports to the fracture critical girders along this entire roadway. Special repair details were developed by the consultant designer and the TxDOT Bridge Division that required a mockup and trial repair in order to determine its effectiveness. This project required the continued use of QA/QC bridge and welding inspectors along with the usual TxDOT inspection in order to ensure work was being done in accordance to the established procedures.
11/09 - 08/14	Loop 12 Reconstruct and Raise Six Lane Roadway in White Rock Creek Floodplain, Dallas, TX. Texas DOT. Construction Engineer. While at TxDOT, served as Construction Engineer for this project and duties included supervising construction inspection and material testing, resolving RFI's, negotiating change orders, reviewing construction schedules and reviewing monthly contractor pay estimates. This project consisted of two new concrete bridges that raised of the environmentally sensitive area of White Rock Creek that featured fish and other wildlife. This project also featured water and sanitary sewer construction, retaining walls, concrete pavement, specialty lighting, landscaping and pedestrian & bike trail

Design-Build Advisory Committee

	Firm employed by Michael Baker International										
	Name Edwin "Ed" Callicutt, III, PE					Years of relevant experience with this employer 4					
	Title	Technical Manager - Construction Services				Years of relevant experience with other employer(s)	39				
Degree(s) / Years / Specialization					BSCE / 1984 / Civil Engineering, Mississippi State University College of Engineering						
	Active registra	ation numi	ber / state / expiration	date	Professional Engineer No. 33810 / Louisiana / exp. 09/03/2024						
	Year registere	ed .	2008	Discipline	Civil Engineering						
	Contract role(ontract role(s) / brief description of responsibilities			Lead - Design-Build Advisory Committee.						
	Ed will provide his decades of experience with Design-Build delivery				ery methods and major b	oridge construction projects to support Mary and advise LA	ADOTD throughout this				



Ed will provide his decades of experience with Design-Build delivery methods and major bridge construction projects to support Mary and advise LADOTD throughout this project. Ed has more than 40 years of experience coordinating multi-consultant CEI teams, construction, construction management, and construction quality/constructability review for major bridge projects in the southeast from Texas to Georgia. He has worked as a contractor, as well as an engineer, on many major bridges involving steel and precast and cast-in-place concrete construction techniques.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/08 - 07/11	John James Audubon Bridge Design-Build Project, Ventress, LA. DOTD. Construction Quality Control Manager. Led the quality management program for the construction of the cable-stayed bridge and all aspects of the design-build project, with direct responsibility for QC of work at the jobsite and at the various fabrication and casting sites. This design-build project included 11.6 miles of new alignment roadway and 3.7 miles of bridge (eight bridges). The cable-stayed main span unit has a center span of 1583 feet one of the longest spans for this bridge type in the Western Hemisphere. The 520 foot tall towers are built of cast-in-place concrete. The approach bridges were diverse, ranging from flat slabs to steel plate girders to AASHTO Type III and BT-72 girder spans.
07/17 - 12/18	I-49 North, Segment K Phase 2 Interchange, Shreveport, LA. DOTD. Principal & Point of Contact. Oversaw CE&I staff who assisted DOTD with the oversight and inspection of the precast concrete segmental bridge. This \$142M project consisted of the construction of a new four-lane interstate highway from I-220 to Martin Luther King Drive, along with the reconstruction of I-220 concrete pavement from LA Hwy 173, and widening of the I-220 bridges over Russell Road. Bridge construction for the ramp portion of the I-49/I-220 interchange included foundations with drilled shafts, concrete substructure, and 33 spans of variable depth precast concrete segments erected in balanced cantilever. Construction also included storm drainage, embankment, concrete pavement, electrical (lighting), signage, and MSE walls.
08/22 - Ongoing	Owner's Project Manager for I-10 Mobile River Bridge and Bayway Design-Build Project. Alabama DOT. Construction Manager. Responsible for assisting with review of RFP/RFQ and other technical documents for the Mobile River Bridge and Bayway Project. Also assisted with assembling the Project Management Plan. Michael Baker is serving as the owner's representative for the Mobile River Bridge and Bayway Project. This is to provide support services to the DOT to ensure compliance of the Design-Builder's design, construction, contract documents, construction engineering and inspection, and testing
03/12 - 12/18	Oakley C. Collins Memorial Bridge, Ironton, OH and Russell, KY. Ohio DOT. On-Site Resident Engineer. Led the multidisciplinary consultant team providing quality management for the construction of the cable-stayed main span and approach bridges and roadway to the Ohio DOT. This project entailed the construction of a cable-stayed bridge over the Ohio River with approaches connecting the towns of Ironton, Ohio, and Russell, Kentucky. The 1,640 foot concrete main span unit consists of three spans: two flanking spans at 370 feet and the center span of 900 feet built with form travelers in unidirectional cantilever. The main span unit is supported by two 316 feet tall cast-in-place concrete, diamond-shaped towers founded on large diameter drilled shafts with rock sockets. The structural steel approach spans cross numerous rail lines, the Ohio River levee, and city streets.

01/03 - 09/06	Lee Roy Selmon/I-4 Crosstown Connector, Tampa, FL. Florida DOT. On-Site Construction Manager/Resident Engineer. Led a multi-consultant team of approximately 30 engineers and inspectors providing CE&I services. Responsible for all project inspection, documentation and correspondence, pay application verification and processing, schedule review and evaluation, change order negotiations, MOT management, and keeping the Client informed. This \$135M toll facility consisted of over five miles of precast concrete segmental elevated structure built in the median of the existing expressway. Where access was challenging, precast segments were delivered over the completed bridge to the erection site, then lowered into position from above. Maintenance of traffic, speed of erection, economy, and aesthetics were priorities for this project.
03/02 - 08/03	New Mississippi River Bridge, St. Louis, MO. Missouri DOT. Lead Constructability Reviewer. Led a constructability review team for the main span portion of this project. The cable-stayed main span features a 2,000' foot long steel center span, 525 foot tall battered concrete towers, and dredged caisson foundations. Additionally, organized and participated in Value Engineering sessions for the Tri-Level Interchange and IL Route 3 portions of the project.
03/02 - 08/03	Bill Emerson Memorial Bridge, Cape Girardeau, Mo. <i>Missouri DOT.</i> Technical Advisor. This 3,956 foot long bridge over the Mississippi River includes a 2,086 foot long steel girder and precast concrete deck cable-stayed unit with a 1,150 foot long main span. The main pylons are 356 feet tall. Provided technical assistance to the Owner during tower construction, stay installation, and superstructure erection.
11/96 - 03/02	Sidney Lanier Bridge, Brunswick, GA. Georgia DOT. Resident Engineer. Led a multi-consultant team of engineers and inspectors providing CEI services to the Georgia DOT. Ed performed construction quality management for superstructure casting and post-tensioning operations, fabrication and stressing of cable stays, and evaluation of cantilever geometry. Also monitored and evaluated the contractor's schedule. This cable-stayed structure features a 1,250 foot cast-in-place concrete center span over the Turtle River shipping channel and 480 foot tall cast-in-place concrete towers. The high-level approaches consist of 180 feet long specially designed prestressed concrete beams erected as simple members then made into two-span continuous units via longitudinal post-tensioning. The total bridge length is approximately 7,800 feet.
03/92 - 09/95	Senator William V. Roth, Jr. Bridge, St. Georges, DE. Delaware DOT. Technical Advisor. Served as a Technical Advisor to the Delaware DOT during construction of this 4,650 foot long precast concrete segmental bridge with a 750 foot cable-stayed main span, single pylons, single planes of stays, and unique precast delta frames. It was the first cable-stayed bridge in the northeastern United States. The main span was erected as a pair of unidirectional cantilevers from the pylons at the shoreline without interruption to canal traffic. The 150 foot approach spans were erected in the span-by-span method. The innovative design solutions in the bridge saved the Delaware DOT over 10% compared to bids for the alternate design.

Firm employe	red by	Michael Baker Interna	ational					
Name	Jade Rur	ng, PE, PMP			Years of relevant experience with this employer	2		
Title	Title Vice President				Years of relevant experience with other employer(s)	26		
Degree(s)/Y	Years / Spec	cialization		BSCE, 1995, Civil Engineering - Structural, Louisiana State University				
Active registi	tration num	ber / state / expiration	date	Professional Engineer - Louisiana No. 29081 (exp. 9/15/2024) / Project Management Professional - No. 1284298 (exp. 7/19/2024)				
Year register	red	2000 / 2009	Discipline	Civil Engineering.				
Contract role	e(s) / brief c	description of responsi	bilities	Design-Build Advisory C	Committee.			
for commercilife cycle. <i>In a</i> uling, cost m	cial, municip addition, Ja nanagement dates	pal, industrial, marine, a pade has successfully I t, construction coordinate Experience and qual	nd heavy civil cons ed the delivery of a ation, scope complian ations relevant to	truction. He has substantia multiple Design-Build fac- ance, issues/change mana to the proposed contract; a	a proven history of domestic & international business devial experience in design and construction management incility construction projects, both as a designer and as agement, conflict resolution, standardized status reporting i.e., "designed drainage", "designed girders", "designed improved in the conflict resolution in the conflict resolution is a status reporting it.e., "designed drainage", "designed girders", "designed in the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution in the conflict resolution is a status reporting the conflict resolution resolution is a status reporting the conflict resolution resolution reporting resolution resolution resolution resolution resolutio	cluding the delivery a general contract g, and community o	in all phases of the project for. His skills include sched autreach.	
(mm/yy-mm) 06/22 - 05			sive Drainage Plai	n, Covington, Louisiana.	St. Tammany Parish. Business Development Lead. Resoordination, and local representation	sponsible for projec	t acquisition and	
01/16 -	01/17	Ocean Cay MSC Marine Reserve, Ocean Cay, Bahamas. MSC Cruises. Project Development Manager. Facilitated the scope development and coordination for the Design-Build project; investigated scope alternatives, provided detail adjustments and facilitated value-engineering options for the construction of the project; coordinated scope and bid evaluations for the dredging, sitework, port improvements, building construction, and utility systems for the island development. The project work includes dredging, demolition, clearing and grubbing, mass grading, beach grading and re-nourishment, bulkhead for cruise ship berth and marina basin, breasting and mooring dolphins, CIP reinforced concrete, rip rap, landscape, hardscape, buildings, utilities, RO plant, power plant (generators), wastewater treatment plant, fuel storage, water intake wells, and deep injection wells.						
01/01 - (01/03	Marine Corps Reserve Training Center, Lafayette, LA. Department of the Navy. Project Manager. Provided contract negotiation and management of all subcontractors for every trade on the project; provided estimating, negotiating, contracting, and change management services for the Design-Build project.						
New Office/Retail Building, Mandeville, LA. American National Insurance of a new office/retail facility. Provide design, permitting, estimating, scheduling the design-build services to deliver the new \$850K office/retail building. Shack restaurant, Construction Affiliates Inc. office space, and Audubon Phys. New Anytime Fitness Building, BMS Sulphur, LA . BMS Real Estate Solution office/retail/gym facility. Provide design, permitting, estimating, scheduling, design-build services to deliver the new \$750K office/retail/gym building utilities, parking, pre-engineered metal building, HVAC, electrical and interior					ng, scheduling, subcontracting, construction managemeral building including the build-out for the American Na	ent, and close-out f	for the project. <i>Provided</i>	
					scheduling, subcontracting, construction management, gym building including the interior build-out for the new	and close-out for t	he project. <i>Provided the</i>	
Bulk Cement Handling & Storage Dome, Clarkesville, MO. Holnam Cement. Project Manager. Provided on-site des project including cost estimating, scheduling, and reporting; provided monthly updates to the Holnam Cement, Inc. place construction process including procurement and implementation of specialized designed and fabricated equipment. A client, oversaw design and was contracted to deliver the world's largest cement storage dome with a capacity of 90,0 was completed within 12 months.						t board of directors an unofficial Desi	s; handled all phases of the <i>ign-Build package to the</i>	

Firm employ	yed by	Sigma Consulting Gro	oup, Inc.						
Name	Miles B.	Williams, PE			Years of relevant experience with this employer	32			
Title President / Principal-in-Charge					Years of relevant experience with other employer(s)	8			
Degree(s) / 1	Years / Spec	cialization		BS / 1983 / Civil Engineering					
Active regist	stration numi	ber / state / expiration	date	Professional Engineer N	o. 23094 / Louisiana / exp. 03/31/2024				
Year register	ered	1988	Discipline	Civil Engineering	Civil Engineering				
Contract role	le(s) / brief a	lescription of responsi	bilities	Design-Build Advisory C	ommittee.				
Experience of (mm/yy-mm		Experience and qualithe years of experien	ifications relevant ince specified in the	to the proposed contract; i applicable MPR(s).	.e., "designed drainage", "designed girders", "designed int	tersection", etc. Exp	erience dates should cover		
10/20 – Ongoing 10/16 – 10/20		I-10 & I-12 College Drive Flyover Ramp Design-Build (CE&I/OV), E. Baton Rouge Parish, LA. LADOTD. Road Design and Drainage Design Reviewer. Mr. Williams is serving as a road design and drainage design reviewer, providing support services to DOTD through the Owner Verification Team (OVT) for this Project. This project consists of modifying the I-10 West/College Drive exit into separate I–12 West and I-10 West exits. Mr. Williams' responsibilities include participation in the progress reviews of each Design Unit and Ready for Construction (RFC) Plan submittals. These reviews include roadway plans, drainage plans, geometrics and construction sequencing with consideration being given to DOTD Design Guidelines, Hydraulics Manual requirements, Standard Details and Specifications.							
		I-10: Highland to LA 73 Design-Build Project, E. Baton Rouge and Ascension Parish, LA. LADOTD. Project Design Manager. Mr. Williams is serving as the Project Design Manager for all design efforts on this Design-Build project. As such, he is responsible for leading and coordinating all disciplines: road design; bridge design; lighting; geotechnical investigation; and traffic control. He also is the responsible engineer for geometric design, roadway construction and traffic control plans. During construction, he has interacted with the contractor, the designers of various temporary components and LADOTD to ensure that all project requirements are met.							
05/20 - 0	Ongoing	I-10: LA 415 to Essen Lane on I-10/I-12 (CMAR), E. Baton Rouge Parish, LA. LADOTD. Project Manager. Mr. Williams is the project manager for all of Sigma's efforts on the geometric design and plan development for improvements along the Interstate 10 and the surface street improvements through Baton Rouge. Sigma is providing horizontal and vertical geometrics for segments through the corridor. Also Sigma is providing utility coordination and relocation design. He is part of the roadway task force which collaborates with the design team, DOTD, and the CMAR contractor.							
04/18 -	- 10/22	I-220/I-20 Interchange & BAFB Access Design-Build, Bossier Parish, LA. LADOTD. Project Principal. Mr. Williams has served as the Project Principal on this Design-Build Team lead by James Construction Group and Huval and Associates. Miles supervised all of Sigma's efforts on this project which included all urban interstate highway design and plan preparation, drainage design and pavement marking plans. The interchange design includes complex geometrics, sequencing of construction while maintaining traffic on I-20 and coordination with a major railroad and the US Air Force technical team at Barksdale Air Force Base.							
06/13 -	- 09/20	I-10 East Jct. I-49 to LA 328, Lafayette & St. Martin Parishes, LA. LADOTD. Principal in Charge. Mr. Williams was the principal in charge for the roa and construction support for the six laning of 6.7 miles of I-10 in Lafayette, LA. He supervised the preparation of the urban freeway design componen including typical sections, plan profiles, geometric details, sequencing and cross sections. The project included median barrier divided interstate will bridge replacement and widening, and local road pier protection.					omponents of the project		
03/13 -	- 02/23	I-10: LA 347 to Atchafalaya Floodway Bridge, St. Martin Parish, LA. LADOTD. Project Principal. Mr. Williams is the project principal for pavement replacement and widening for 2.7 miles of I-10 and intersection safety improvements on LA 347 near Henderson, LA. The project scope also included two roundabouts at the ramp termini points and intersection improvements to LA352/LA347. He was responsible for graphical grades and superelevation transitions at tie-in points and sequence of construction.							

2013	N. Lake Boudreaux Basin Freshwater Introduction (TE-32A), Terrebonne Parish, LA. CPRA. Project Principal. Mr. Williams served as the project principal for the QA/QC peer review of the 95% final design report, plans and specifications prepared by T. Baker Smith for the La Coastal Protection and Restoration Authority. Tasks performed by Sigma under his leadership included marsh creation review, roadway plans review, structural review, survey review, and QA/QC of the specifications and construction cost estimate.			
2002 - 2018	Jones Creek Road Improvements, East Baton Rouge Parish, LA. LADOTD / EBRDPW. Project Principal. Mr. Williams served as the project principal for the Jone Creek Road Improvements project for LADOTD / EBRDPW. The project involved widening an existing 2-lane roadway to a 5-lane curb and gutter roadway with subsurface drainage. Mr. Williams responsible for contracts, geometrics, road design, sequence of construction, signing and coordination of traffic signalization. addition, Mr. Williams served as client liaison with the contractor and EBRDPW during construction of the project.			
2018 – Ongoing	Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project, Plaquemines and Jefferson Parish, LA. LADOTD. Project Principal. Sigma Consulting Group is providing the drainage design for this major highway improvement that is being designed and constructed under this alternative delivery method. Mr. Williams is serving as project principal for Sigma on this project. His work entails liaison with the prime consultant, builder, concessionaire and LADOTD. He is also assisting in the design of the drainage system for the roadways throughout the project including storm sewer design, drainage plans preparation and generation of quantities.			



Firm employe	ed by	Michael Baker International							
Name	Jeff McRa	ae, PE			Years of relevant experience with this employer	26			
Title Technical Manager - Bridge					Years of relevant experience with other employer(s)	0			
Degree(s) / Years / Specialization				BS/1996/Civil Engineering					
Active registr	ration numl	ber / state / expiration	date	Professional Engineer N	o. 34554/Louisiana/exp. 09/30/2023				
Year registere	ed	2009	Discipline	Civil Engineering.					
Contract role	(s) / brief d	lescription of responsit	bilities	Lead - Structures Desigr	n Review.		///		
					ole for overseeing the completion of contract plans from crete and steel bridge shop drawings, and generation of				
Experience da (mm/yy-mm/		Experience and qualithe years of experien	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).						
02/23 - Ongoing		1-2/I-69C Interchange and I-2 Reconstruction Design-Build, Pharr, McAllen, and San Juan, TX. Texas DOT. Project Advisor. Michael Baker provided design and engineering services for this major transportation reconstruction project for 7.8 miles of operational and safety improvements along I-2 in a rural-to-urban segment of the county. For this project, it developed roadway designs and alternative concepts as well as maintenance and protection of traffic (MOT) plans for efficiently redirecting traffic. Its roadway, bridge, and MOT teams collaborated using 3D models to ensure designs met requirements set by the Texas Department of Transportation (TxDOT) for construction clearance, profile grades, design speeds, bridge removals, and work-zone traffic barrier clearances. Michael Baker's unique solution for construction allowed the contractor to construct three out of the four direct connectors using minimal closures. By eliminating these restrictions, the contractor could offer a lower bid, reducing costs and saving money.							
06/18 - 08/18		I-285 & SR 400 Reconstruction Design & Review Services, Atlanta, Georgia. Georgia DOT. Project Advisor. Michael Baker is serving as the submittal review consultant for the reconstruction of the I-285 and S.R. 400 interchange in Atlanta, Georgia. Michael Baker is responsible for reviewing all developer submittals on the project, which consists of about 4 miles of improvements on I-285 and 5 miles on S.R. 400. The project includes the construction of barrier-separated collector-distributor lanes along the roads to help reduce weaving, merging, and accelerating and decelerating conflicts, and involves the reconstruction of existing ramps and bridges in the interchange, the replacement of the bridge on Mt. Vernon Highway, and the construction of new flyover bridges.							
05/14 - 04/16		U.S. 49 Florence to Scales Construction Engineering and Inspection, Rankin County, MS. Assistant Engineer. Responsibilities included generation of bridge design calculations and final contract plans, as well as QA/QC. Michael Baker provided engineering services, including field surveys, preliminary through final design, construction phase services, and public relations support, for the construction of U.S. 49 from Florence to the Scales Area. Working as an extension of client staff, Michael Baker provided construction management, Phase C Design (RFI/submittals), utility coordination, scheduling review (Primavera P6), material testing, erosion control, surveying, traffic control, and public relations support, for the construction of U.S. 49 from Florence to the Scale Area.							
01/99 - 12/10		I-55/I-20/ US 49 Rehabilitation; Stack #3 Design Phase, Jackson, Mississippi. Mississippi DOT. Bridge Technical Manager and Engineer. Responsibilities included generation and checking of engineering design calculations, bridge quantities, and final design contract plans. Responsibilities included generating design calculations and contract plans for the substructure and AASHTO beam superstructure spans as well as checking of curved steel girder design for Ramp G-6 over I-20 and U.S. 49. Responsibilities also included checking and regeneration of form grades, beam seats, etc. at four other bridge sites. Michael Baker provided engineering services (field surveys, preliminary through final design, and certain construction phase services including public relations assistance) for the rehabilitation of the interchanges of Interstate 20 with both Interstate 55 and U.S. Highway 49 in Jackson, Mississippi. The total project will be built through a series of four separate construction contracts all designed by Michael Baker. Current project is "STACK III". The project was awarded The 2010 Grand Conceptor Award for Engineering Excellence presented by the American Council of Engineering Companies of Mississippi.							

06/91 - 12/05	Shepherdstown Bridge, Jefferson County, West Virginia, and Washington County, Maryland. West Virginia DOT. Engineer. Responsibilities included generation and checking of engineering design calculations. Responsible for assisting with design and development of preliminary and final bridge plans for the replacement of this historical bridge structure over the Potomac River in Shepherdstown, WV. Michael Baker was selected by the West Virginia Division of Highways (WVDOH) to provide all environmental and engineering services for the replacement of the James Rumsey Bridge. The bridge is a historic structure of Wichert Truss design originally constructed in 1937. It is listed on the National Register of Historic Places. The James Rumsey Bridge carries WV Route 480 and MD Route 34 vehicular traffic over the Potomac River. The bridge currently has sidewalks on both sides that carry pedestrians and bicyclists. The bridge also crosses over the C&O Canal National Park and National Register listed C&O Canal on the Maryland side. The town of Shepherdstown, West Virginia lies on the west side of the bridge. The replacement of the bridge is necessitated by its rapidly deteriorating condition. The AASHTO LRFD Bridge Design Specifications were used for this bridge design.
01/16 - 04/16	S.R. 3 Bridge over Coldwater River Replacement, Tate County, MS. Mississippi DOT. Engineer. Michael Baker provided engineering services for the replacement of the bridge carrying S.R. 3 over Coldwater River. Michael Baker's services included bridge hydraulic one- and two-dimensional model analyses, scour analysis and evaluation, bridge scour and stream bank stabilization design, conceptual and preliminary structural design, and preparation of right-of-way plans.
03/04 - 09/04	I-55 Widening and Reconstruction from Relocated S.R. 304 to Church Road, DeSoto County, MS. Mississippi DOT. Engineer. Responsibilities included generation of engineering design calculations, bridge geometry, bridge quantities, and conceptual throughfinal design contract plans. Michael Baker provided engineering services, including preliminary and final contract plans, right-of-way appraisal maps, deeds, and individual parcel plats for the reconstruction of approximately 4 miles of I-55 from the relocated S.R. 304 Interchange to just south of the Church Road Interchange in Desoto County.
01/14 - 03/16	S.R. 28 Big Creek, Quinn Creek, and Strong River Bridge Replacements, Simpson County, MS. Mississippi DOT. Engineer. Responsibilities included generating preliminary bridge R.O.W. plans, geometric calculations and design calculations for three hydraulic bridge crossings. One of the crossings, Strong River, required four separate alternates to be detailed as well as a construct-ability report and cost estimate comparison discussing the advantages and disadvantages of each alternate. Michael Baker is providing engineering services for the replacement of the S.R. 28 bridges over Big Creek, Quinn Creek, and Strong River. Michael Baker's services included hydraulic analyses, scour assessments, stream bank stabilization evaluations, preparation of hydraulic analysis reports, and conceptual and preliminary design.
09/19 - 02/21	S.R. 9 Bridge Replacements, Calhoun County, MS. Mississippi DOT. Project Manager. Responsibilities included overall project management, QA/QC of bridge design calculations, and generation of final contract plans. Michael Baker provided engineering and design services for final bridge construction plans for four bridge replacements: Bridge No. 35.5 over Shutispear Creek, Bridge No. 40.7 over Yalobusha River Relief, Bridge No. 40.9 over Yalobusha River, and Bridge No. 41.2 over Yalobusha River Relief on S.R.9.

Firm employe	ed by	Sigma Consulting Gro	oup, Inc.					
Name	Gregory	P. Sepeda, PE			Years of relevant experience with this employer	26	60	
Title	Vice-Pres	sident / Chief Engineer			Years of relevant experience with other employer(s)	5		
Degree(s) / Y	Years / Spec	cialization		MS / 2002 / Civil Engine	ering – Structural; BS / 1990 / Civil Engineering			
Active registi	ration num	ber / state / expiration	date	Professional Engineer N	o. 26669 / Louisiana / exp. 09/30/24			
Year register	/ear registered 1996 Discipline			Civil Engineering				
Contract role	e(s) / brief d	description of responsib	bilities	Lead - Roadway/Drainag	ge Design Reviews.			
					roadways, interchanges, and development of traffic stu bassador Caffery project, and many others.	ıdies. He has served L	ADOTD on numerous	
Experience dates (mm/yy-mm/yy) Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should contract the years of experience specified in the applicable MPR(s).						rience dates should cover		
10/16 – (06/20	I-10: Highland to LA 73 Design-Build Project, E. Baton Rouge and Ascension Parish, LA. LADOTD. Design Quality Control Manager. Mr. Sepeda served as the project Design Quality Manager (DQM) for all design efforts on the project. Mr. Sepeda developed a project specific Design Quality Plan as well as QA processes to ensure that the design activities comply with the Contract requirements. As a component of the QA process, he also performed design assessment reviews of every submittal to review for general compliance with the requirements of the Contract, taking into consideration the proposed method of construction, and covered areas such as: design criteria; codes and standards; constructability; and fatigue and durability performance. For critical structural members, Mr. Sepeda also performed an independent analytical design check using separate calculations to verify the structural adequacy and integrity of the members. This analytical check included the following: structural geometry & modeling; material and member properties; loads; and structural boundary conditions.						
201	13		w of the 95% final	design report, plans and s	Terrebonne Parish, LA. CPRA. Project Manager. Mr. Sespecifications prepared by T. Baker Smith. Mr. Sepeda v			
2014 - Pi	resent	plan development of design guide and uti	a new bridge struction and the lized the newly dev	cture over Ambassador Ca veloped "LG" prestressed o	sh, LA. LADOTD. Project Engineer. Mr. Sepeda is the least offery Boulevard for future 1-49. The proposed structure of concrete girders. Mr. Sepeda served in the checking and I be performing construction support services and sho	was designed accordi d QC role on the proje	ing to the AASHTO L.R.F.D.	
07/12 -	10/18	I-10 Widening, LA30 – LA 22, Ascension Parish, LA. LADOTD. Project Manager. Mr. Sepeda served as project manager and lead bridge engineer for the widening of a 5 mile segment of I-10. He was responsible for the overall project management and coordination with the subconsultant team, road bridge design, and plan production. Sigma is also responsible for the design of a concrete slab span bridge, and the deck design of four girder-supported bridge structures. Under a contract supplement, Mr. Sepeda lead the design for a replacement of the LA 941 structure over the mainline interstate. LA 941 is a rural 2-lane roadway.						
08/12 - P	Present	2-lane roadway to a 4 Mr. Sepeda worked v the topographic surv route being a state h	4-lane boulevard to vith all technical te rey to identify majo ighway, coordinati	o increase capacity. The property increase capacity. The propers and successor topography and existing the with LA DOTD is a necessor.	sh, LA. LADOTD. Project Manager. Mr. Sepeda is the project began with an Environmental Assessment (E.A.) as fully obtained a FONSI. As the project continues into place utilities, as well as developing geometry consistent with essity. Sigma is facilitating the development of a traffic strong arrangements are being evaluated through a tiered	and NEPA environmen lan development, Mr. S ith MOVEBR and DOTD study with a subconsu	ntal documentation. Sepeda is coordinating guidelines. With the	

12/14 - 04/19	S. Acadian Thruway (Perkins Rd – LA 73), East Baton Rouge Parish, LA. LADOTD. Project Manager. Mr. Sepeda is the project manager for the safety project designed to reduce the number of accidents along the stretch of Acadian Thruway. The project includes replacing the asphalt overlay and improving the intersection design at Claycut Road. Mr. Sepeda is responsible for all project management, coordinating the design effort and quality control.
09/17 - 08/20	Capital Area Pathways Project (CAPP) Phase 1, East Baton Rouge Parish, LA. BREC. Project Manager. Mr. Sepeda is the project manager for Sigma. Using a federal grant of more than \$3.7 million for the project, BREC intends to construct a pathway which will link the Downtown Greenway Trail with the Scotlandville Parkway Park. The Project includes the design and construction of a multi-use pathway, including shared use paths, marked shared lanes, closed play streets, and separated multi-use paths, from Memorial Stadium to Scotlandville Parkway in Baton Rouge. Sigma will provide professional surveying and civil design services including topographic survey, construction documents preparation, project management and public involvement, bidding services, and construction administration.
09/17 - 08/20	I-10: East Jct. I-49 to Atchafalaya Floodway Bridge, Lafayette & St. Martin Parishes, LA. LADOTD. Project Engineer. Mr. Sepeda oversaw the development of all sequencing and the Level 4 Transportation Management Plan (TMP) for the I-10 widening project from I-49 to the Atchafalaya Floodway Bridge. This roadway improvement is split into three segments requiring three separate TMPs. The first 2 segments also required an Initial Financial Plan to be developed. Mr. Sepeda drafted this plan which included cost estimates, scheduling, and identifying risk.

Firm employ	red by	Bonton Associates						
Name	Marcus I	Bonton, PE			Years of relevant experience with this employer	2		
Title	Principal	, Transportation			Years of relevant experience with other employer(s)	12		
Degree(s) / Y	Degree(s) / Years / Specialization			BS / 2008 / Civil Engine	ering			
Active regist	tration num	ber / state / expiration	date	Professional Engineer N Process & Report Modu	o. 40389 / Louisiana / exp. 09/30/2024; Traffic Engineeri les 1-3	ing Analysis		
Year register	red	2016	Discipline	Civil				
Contract role	Contract role(s) / brief description of responsibilities			Lead - Linear Bridge Par	rk Design Reviews.			
Marcus has vised transp	Marcus has more than 14 years of experience in implementing strategy, development, management, and delivery of transportation, civil design, planning solutions. He has managed and supervised transportation projects for design studies, LADOTD Stage 0, roundabout design, corridor improvements, and pavement rehabilitation design. His Training Certifications include:							
NHI Course N & 2 Training		"NEPA and the Transpo	rtation Decision-m	aking Process"; Highway	Safety Manual; LADOTD Traffic Engineering Process & Ro	eport (Modules 1-3); NE	Roundabouts Level 1	
Experience of (mm/yy-mm		Experience and qualithe years of experien	ifications relevant to ce specified in the	o the proposed contract; i applicable MPR(s).	i.e., "designed drainage", "designed girders", "designed int	tersection", etc. Experie	ence dates should cover	
11/22 -	11/23	Ardenwood-Lobdell Connector Design (20-CP-HC-0017), Baton Rouge, LA. City of Baton Rouge. Principal/Technical Lead. Responsible for Final Design of a new						
08/21 -	- 12/22				LA. LADOTD. Principal/Technical Lead. Provide technic ement, and ADA facilities in compliance with LADOTD de		C of design plans for	
07/21 -	03/22	development of desi	gn plans (Prelimina	ry and Final) for propose	Rouge, LA. City of Baton Rouge. Principal/Technical Le d ADA barrier improvements (sidewalk repair/replacement) and cost estimates in support of the MOVEBR Programment.	ent, curb, and gutter, ha		
05/21 -	09/22	QC for the preliminar	S. Harrell's Ferry Rd. Multi-Use Path (20-EN-HC-0028), Baton Rouge, LA. City of Baton Rouge. Principal/Technical Lead. Provided technical oversight and QA/QC for the preliminary and final design plans for a multi-use path, ADA compliant facilities, and striping modifications to increase pedestrian and bicycle mobility and connectivity to existing sidewalks in support of the MOVEBR Program.					
11/20 -	- 11/21	completion of the pr	oject design study t, bicycle lanes and	in support of the MOVEBR	P), Baton Rouge, LA. <i>City of Baton Rouge.</i> Project Mana Program. The study included proposed line and grade a ening, pedestrian facility design and safety measures, displaying the contraction of the	alternatives, intersection	on improvements,	
11/19 –	12/20		l-depth roadway re		City of New Orleans. Project Manager. Managed prepar o ramps repair, subsurface drainage, water, sanitary sew			

01/16 - 03/17	LA 182 New Iberia Preservation and Sidewalks Stage 0 Feasibility Study (H.012295.1), Iberia Parish, LA. LADOTD. Project Designer. Assisted in developing alternatives to provide ADA compliant curb ramps, driveway crossings, crosswalk locations, access management, evaluation of pedestrian and bicycle safety considerations, and traffic control improvements along LA 182 that follow LADOTD design guidelines, which had similar features to what would be required for the Jimmie Davis Bridge Replacement. Any necessary utility relocations were also identified.
05/15 - 02/17	Vine Street Corridor Stage 0 Feasibility Study (H.011358.1), St. Landry Parish, LA. LADOTD. Project Designer. Supported the development of alternatives to evaluate the resolution of roadway geometry and clear zone inadequacies. As part of the Study, design criteria, typical sections, subsurface Utility Engineering (SUE) findings and exhibits, roadway safety improvements, existing pedestrian facilities, cost estimates, ROW, environmental impacts, and social impacts were evaluated taken into consideration. LADOTD Stage 0 Checklists were also completed. The evaluation results were presented in a Stage report document and project conceptual layout exhibits in compliance with LADOTD guidelines.

Firm employe	ed by	WSP USA, Inc.					
Name	Arunava	Saha, PE			Years of relevant experience with this employer	3	
Title	Vice Pres	ent, Structural Engineer			Years of relevant experience with other employer(s)	26	
Degree(s) / \	Years / Spe	cialization		MS / 1995 / Civil Enginee	ring, University of Florida; BE / 1989 / Civil Engineering, L	niversity of Florida	V 7-5
Active regist	ration num	ber / state / expiration	date	Professional Engineer N	o. 38334 / Louisiana / exp. 03/31/2024		
Year register	red	2013	Discipline	Civil Engineer			
Contract role	e(s) / brief d	description of responsi	ibilities	Lead - Structural Rehabi	litation Design Reviews; Structures Design Reviews.		
neering, high	hly skewed sign review dates	and curved bridges, las, load rating / BrR, and Experience and qual	ong-span plate girde nalyses, and manage	rs, post-tensioned spliced ment of plan production. the proposed contract; i.e.	retaining walls. Arun's bridge design experience includes I box girders, and trusses. His responsibilities have included He has also developed LOADRATE software using Visual Ent., "designed drainage", "designed girders", "designed inters	led preliminary/final/ Basic.	rehabilitation design,
2/13 -	0/15	and budget; quality Bossier Parish and of and is composed of	management; coord crosses the Red Rive three main steel trus	ination with project team, r. The existing bridge is a 1 ss simple spans: 354 feet,	arish, Louisiana. Overall Project Manager whose responsible, sub-consultants, and client; design, plan productions, an 6-span structure, totaling approximately 2,823 feet in len 402.5 feet, and 354 feet long respectively. The truss span the batture at each end. Simple steel girder spans of 70	nd deliverables. This p gth. The bridge is on S s are flanked on both	oroject is located in State Route LA 511 ends by three-span

2/13 - 8/15

LADOTD, US 90 over LA 318 Design-Build, St. Mary Parish, Louisiana. Bridge Task manager whose responsibilities included attendance at all design-related meetings (internal team and DOTD), resolution of design issues, coordination of project team, QA/QC design calculations and plans, and management of schedule and budget for the bridge task. The US 90 over LA 318 bridges were constructed as twin bridges for east and westbound traffic. Each structure was 1887 feet long with seventeen 111-foot spans, with LADOTD precast, prestressed concrete "LG-54" girders. The superstructure consists of a simple span over LA 318, flanked by four two-span continuous units on the east and west sides.

to LaDOTD. Upon approval, prepared construction plans for rehabilitation and performed load rating based on as-rehabilitated condition. Structural rehabilitation included full deck replacement, structural repair of truss members over 200 locations, design of paint containment system, replacement of nested rocker bearing,

2/13 - 8/15

KDOT, Ohio River Bridges Project—Downtown Crossing Design-Build Segment, Louisville, Kentucky. Task Manager and EOR for two bridges—Ramp 10 and Ramp 21, both over I-64. Responsibilities included project design and coordination of project team, QA/QC design calculations and construction plans, and management of schedule and budget for this task. The Ohio River Bridges (ORB) project, connecting Louisville and southern Indiana, is one of the nation's largest transportation improvement projects to date. Completed the downtown crossing segment at the cost of \$860 million.

2/13 - 8/15

LADOTD, Retainer Contract for Bridge Preservation, Statewide, Louisiana. Project Manager for this \$6-million on-call contract, which includes a full array of services, such as bridge design, rehabilitation, bridge hydraulics, roadway design, geotechnical investigation, and surveying. Provided bridge task order services throughout the state. To date, the focus of the contract has been to provide design and construction documents for the new widening and rehabilitation of bridges throughout the various districts in Louisiana.

design and detailing of jacking scheme of truss spans, pin and hanger replacement.

2/13 - 8/15	LADOTD, Retainer Contract for Bridge Load Rating, Statewide, Louisiana. Project Manager for this \$3-million contract. Provided bridge load rating services throughout the state. Work began in 2014 and was completed in two years. This contract included load rating of more than 600 bridges. Bridge types included concrete, prestressed concrete, steel, and truss bridges, with lengths ranging from 100 feet to 29,000 feet.
2/13 - 8/15	LADOTD, Bridge Scour Project, Statewide, Louisiana. Project Manager of this approximate \$1-million contract. The project involves analysis of scour critical bridges throughout the state, including finite element analysis using data gathered from field inspection and providing recommendation reports.

Firm employe	Firm employed by Michael Baker International						
Name	Brooks N	Ailler, Jr., PE, PTOE			Years of relevant experience with this employer	24	
Title Surface Transportation Manager			er		Years of relevant experience with other employer(s)	0	
Degree(s) / Yo	Degree(s) / Years / Specialization			MS/1998/Civil Engineering; BS/1996/Civil Engineering			
Active registr	Active registration number / state / expiration date			Professional Engineer No. 34472/Louisiana/exp. 09/30/2023; Professional Traffic Operations Engineer No. 3774/exp. 11/21/2023; Traffic Engineering Analysis Process & Report Modules 1-3			
Year registered 2009; 2014 Discipline			Discipline	Civil Engineering			
Contract role	(s) / brief c	description of responsi	bilities	MPR 5; Lead - Traffic/MC	DT/TMP Design Reviews.		



Mr. Miller is experienced in designing and managing roadway and traffic design projects. Mr. Miller has gained valuable planning, roadway and traffic related experience over the last several years working on numerous DOT projects. He has served as project manager on numerous high-profile highway design and rehabilitation projects involving design coordination, plan development, signing and pavement marking details development, traffic signal design, community outreach, contractor coordination and issue resolution, and intricate maintenance of traffic and construction phasing design.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/22 - present	Owner's Project Manager for I-10 Mobile River Bridge and Bayway Project. Alabama DOT. MOT and Roadway Manager. Michael Baker is serving as the owner's representative for the Mobile River Bridge and Bayway Project. This is to provide support services to ALDOT to ensure compliance of the Design-Builder's design, construction, contract documents, construction engineering and inspection, and testing.
07/22 - present	SR 35 Widening and Additional Lanes from CR-62 to CR-124 through the Town of Section, Jackson County, AL. Alabama DOT. Project Manager. Michael Baker provided engineering services to widen and add lanes to SR 35 through the Town and Section. Michael Baker's services included the preparation of right-of-way plans, stormwater design, floodplain studies, erosion and sediment control plans, final design, cost estimates, and traffic control plans.
06/21 - 11-22	Owner's Project Manager for I-10 Mobile River Bridge and Bayway Project (Phase 1). Alabama DOT. Project Manager. Michael Baker served as the owner's representative for the Mobile River Bridge and Bayway Project (Phase 1). This included pre-construction activities, writing and assisting with the RFQ and RFP, and helping manage other project consultants while short-listing and selecting a Design-Build Team.
05/19 – 09/19	SR-6 (US-82) Widening and Additional Lanes from SR-14 to US-31 in Prattville, Alabama. Alabama DOT. Project Manager. Responsible for roadway and drainage design for Final Construction Plans to the client for a 3-mile highway widening project on US-82 in Prattville, AL. Project included the replacement of 2 bridges. A hydraulic bridge over Autauga Creek and a second bridge over a Norfolk Southern Railroad line. The project also included the design for asphalt paving with a concrete paving alternate.
02/17 - 08/18	SR 304 and McIngvale Road Interchange, Final Construction Plans, Desoto County, MS. Mississippi DOT. Project Manager. Michael Baker developed Phase B Final Contract Plans for a new diamond interchange at SR 304 and McIngvale Road. Michael Baker provided final design for four ramps and developed a 3D design model of the new interchange using Power Geopak. Included in this contract, Michael Baker developed drainage plans, permanent signing and pavement marking plans, traffic control plans and details, construction signing, and traffic signal design for two traffic signals located at the EB and WB ramp intersections with McIngvale Road. Michael Baker prepared intelligent transportation system (ITS) plans and details for a fiber connection between traffic signals and existing ITS infrastructure.

04/06 - 08/11	Reconstruction of I-55 from North of Old Agency Road to South of SR 463, Madison County, MS. Mississippi DOT. Civil Engineer. Missis
07/15-08/19	SR 304 and McIngvale Road Interchange Environmental Assessment and Phase A Right-of-Way Plans, DeSoto County, MS. Mississippi DOT. Project Manager. Responsible for project oversight. Michael Baker is performing an environmental assessment and preparing Phase A right-of-way plans for a proposed interchange at SR 304 and McIngvale Road. Michael Baker's services include data collection and analysis, traffic impact analyses, alternatives analysis, preparation of preliminary and final right-of-way plans, public involvement, and preparation of environmental assessment documentation.
09/13-08/16	SR 15 and Lamey Bridge Road Roundabout, Harrison County, MS. Mississippi DOT. Project Manager. Responsibilities include project management, budget setup, roadway plan design and detail, QC/QA, and preliminary and final submittal of Phase A Final Right-of-Way plans. Michael Baker provided engineering and environmental services for a proposed roundabout at the intersection of SR 15 and Lamey Bridge Road. Michael Baker's services included a Phase I archaeological survey, a categorical exclusion, a traffic analysis and impact study, and development of Phase A final right-of-way plans.
04/07 - 02/13	I-269 from East of I-55 to North of S.R. 305, DeSoto County, MS. Mississippi DOT. Project Manager. Responsible for the project management, budget, roadway design plans, and QA/QC. Michael Baker provided engineering services for I-269 from east of I-55 to north of SR 305, and services included detailed mapping from aerial photography, field surveys, traffic analysis, the preparation of final right-of-way plans, and preparation of final construction plans.
01/10 - 12/12	I-15 Corridor Expansion, Utah County, Utah. Utah Department of Transportation. Utah DOT. Civil Engineer/MOT Manager. I-15 CORE was a \$1.2 billion project in Utah County that included the reconstruction of 24 miles of I-15, including 10 interchanges and 63 bridges. Served as the Maintenance of Traffic (MOT) Design Lead from project startup in January 2010 to February 2011. Provided the maintenance of traffic and construction phasing design for the four-mile segment of I-15, including three full interchange replacements. Served as the Maintenance of Traffic Manager from February 2011 to project completion in December 2012. Responsibilities included maintenance of traffic (MOT) and construction phasing design. Coordinated and resolved traffic issues with owners, contractors and local agency stakeholders. Responsible for Requests and Notices of Closures with UDOT, conducted Technical Workgroup meetings, and handled MOT design changes during construction. Project also included accelerated bridge construction design and complex construction phasing.
12/09 - 01/14	I-55/SR 570 Interchange Improvements, McComb, MS. Mississippi DOT. Project Manager. Responsible for the project management, budget setup, plan design and detail, quantity calculations, QC/QA, and final roadway design and traffic signal plans. Under an engineering services master agreement, Michael Baker performed the field survey and developed final roadway and traffic signal design plans for interchange improvements at the I-55 and SR 570 interchange. The project widened and lengthened the entrance and exit ramps to add turn lanes and included two new traffic signals on SR 570. Michael Baker performed the traffic modeling for the improvements and designing conduit and fiber-optic cable installations to interconnect the new traffic signals with the master system.

Firm employ	yed by	Michael Baker Interna	ational						
Name	Rosemar	y Seiwald, JD, PE			Years of relevant experience with this employer	3			
Title	Senior Ele	ectrical Engineer			Years of relevant experience with other employer(s)	32			
Degree(s) /	Ţ ,				88 / Architectural Engineering				
Active regis	stration numb	per / state / expiration	date	Professional Engineer N	o. 47624 / Louisiana / exp. 9/30/2023				
Year registered 2023 Discipline			Discipline	Electrical Engineering					
Contract rol	le(s) / brief d	escription of responsi	bilities	Lead - Electrical Design	Reviews.				
projects. Sh reviews.	ne will apply	her familiarity with LA	ADOTD's facilities ar	nd standards from her wo	ns, design reviews, and quality assurance on a wide ran rk on the Barksdale Air Force Base project to lead our tea .e., "designed drainage", "designed girders", "designed into	am in efficient and accu	urate electrical design		
(mm/yy-mn		the years of experien							
08/2022 -	- Ongoing	Engineer. Responsil being constructed b medians, shoulders, until intersects anot	rksdale AFB Entrance Road and Gate Complex, Barksdale Air Force Base, Louisiana. Naval Facilities Engineering Command (NAVFAC). Lead Electrical gineer. Responsible for power and lighting design for a new Entry Control Facility (ECF) at the north side of the base and will connect with a new state highway ing constructed by LADOTD. This project extends the LaDOTD state highway up to a roundabout north of the proposed ECF. The roadway includes travel lanes, edians, shoulders, barriers, fencing and site light per LaDOTD standards. In addition, the highway will continue from the roundabout to the new ECF and continue til intersects another roundabout and base road. The new ECF and roadway will be designed per Entry Control Facilities/Access Control Points guidelines and andards. The ECF includes a new Gate House, Canopy with Guard Booths, POV, Large Commercial Vehicle Inspection, Overwatch Tower and Visitor Center.						
03/21 -	Ongoing	of subconsultant's e passenger rail statio	lectrical grounding ns from New Have	system design for new tr n, Connecticut, to Springfi	ringfield, MA. Connecticut DOT. Electrical Engineer. Re ain station. Michael Baker is developing the design for eleld, Massachusetts. Michael Baker is preparing erosion acans with Disabilities Act standards. Additionally, MBI is	leven new or upgraded and sedimentation cont	high-speed trol and designs for		

right-of-way and utility coordination, constructability reviews, and construction management, and overseeing landscape design.

Southeast Wyoming Welcome Center, Cheyenne, Wyoming. *Wyoming DOT.* **Lead Electrical Engineer.** Lead Electrical Engineer for 27,000 SF welcome center that replaced the existing facility challenged by size and site limitations. New mechanical and electrical systems feature a series of strategies that are designed to

minimize the project's resource demand while maximizing the use of on-site resources. Daylight harvesting minimizes electrical demand and solar photovoltaic

1-25/Circle Drive/ Lake Avenue Interchange, Colorado Springs, CO. *Colorado DOT.* **Electrical Engineer.** Provided electrical design for \$50-million reconstruction of existing highway interchange. Design included new lighting for all three roadways, pedestrian overpass lighting, and pedestrian underpass lighting, along with traffic



01/12 - 10/13

1997 - 1998

panels and wind turbines are sources of renewable energy for the site.

management system conduit design.

Firm employe	ed by	Terracon Consultants	, Inc.				
Name	Steve Gr	eaber, PE			Years of relevant experience with this employer	22	
Title	Office Ma	nager / APR			Years of relevant experience with other employer(s)	11	
Degree(s) / Ye	ears / Spec	cialization		BS, Civil Engineering, 198	39		
Active registration number / state / expiration date			date	Professional Engineer N	o. 26107 / Louisiana / exp. 09/30/2023		
ear registered 1995 Discipline			Discipline	Civil			PI
Contract role((s) / brief a	description of responsi	bilities	Lead - Geotechnical Des	ign Reviews.		HORSEN PLANTS
tion, and insti structural stee	itutional cl el. Mr. Grea	ients. He is well verse aber has extensive exp	ed in all aspects of operience in deep for	geotechnical engineering	He has worked extensively on City-Parish projects as and materials quality aspects of construction including tentation/interpretation of load testing, site modification overnent of consolidation.	g earthwork, concrete, m	nasonry, asphalt, an
Experience da /mm/yy-mm/		Experience and qualifications relevant to the proposed contract; i.e., "design the years of experience specified in the applicable MPR(s).			e., "designed drainage", "designed girders", "designed in	tersection", etc. Experier	nce dates should co
05/18 – 0	01/21	H.005967: Nelson Road Extension and Bridge, Lake Charles, LA. LADOTD. Authorized Project Reviewer. Reviewed the subsurface evaluation and geotechnica engineering design for the Nelson Road Extension and Bridge Project. Terracon completed the subsurface exploration that included water borings in Contraband Bayou and has provided 90% design of the substructure for the bridge over Contraband Bayou and performed settlement analysis for the planned embankment approaches. The scope also included design support for impact dolphins to be constructed in front of the bridge in the Bayou to protect the bridge superstructure from impact of possible runaway ocean-going ships from the nearby Port of Lake Charles facility.					
07/18 – 1	10/21	and global stability a factors for pile found Testing was perform	H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA. LADOTD. Lead Design Engineer. Terracon provided the design of the substructure of two bridg and global stability and settlement for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment. Dynamic Pile Testing was performed during construction to verify pile capacities. Terracon reviewed the CAPWAP results and provided recommendations for adjustment of the resistance factors to accommodate slight variations in nominal capacity obtained at each bent.				
06/17 - 1	10/18	and substructure de	H.010006: Bayou Petit Caillou Bridge Improvements, Chauvin, LA. LADOTD. Senior Geotechnical Engineer. Provided senior review the subsurface evaluation and substructure design for upgrades to the existing bridge. The services were performed for Huval and Associates through their Bridge Preservation Contract and included providing pile recommendations for support of a new bridge lift operators building and supports for traffic barriers and fender replacements.				
02/14 - 0	02/17	evaluation and geote and global stability a	echnical engineering and settlement for s	ng design for the US 90 (I- several MSE walls to be co	A. C.H. Fenstermaker. Senior Geotechnical Engineer. 49 South) Design Build Project. Terracon provided the enstructed as part of this design build project. Terracon eloped driving criteria using WEAP analysis for the prop	design of the substructu developed nominal cap	are of two bridges Eacity and resistance

Testing was performed during construction to verify pile capacities. Terracon reviewed the CAPWAP results and provided recommendations for adjustment of the

LA-1 to I-10 Connector 30% Design - Port Allen, LA. LADOTD. Supervising Geotechnical Engineer. Supervised 30% design plans for a proposed new connector between I-10 and LA-1 in West Baton Rouge Parish. The extension included two bridges and two miles of new roadway. Bridges over an existing railroad and the

07/18 - 12/18

resistance factors to accommodate slight variations in nominal capacity obtained at each bent.

Intracoastal Canal were included. An evaluation of a possible retained earth embankment was included.

Firm employed by Michael Baker International		ational						
1	Name Christopher Gesing, PE					Years of relevant experience with this employer	43	
7	Title Environmental Project Manager					Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization					Master's Certificate/2007/Project Management; MS/1984/Civil Engineering; BE/1980/Civil Engineering			
A	Active registra	ation num	ber / state / expiration	date	Professional Engineer No. 26996/Louisiana/03/31/2025			
Year registered 1996 Discipline			Discipline	Civil Engineering				
Contract role(s) / brief description of responsibilities			bilities	Lead - Environmental Design Reviews.				
(Christopher's four decades of experience includes transportation planning; highway, bridge, rail and transit design; environmental compliance; wetland/terrestrial mitigation							



Christopher's four decades of experience includes transportation planning; highway, bridge, rail and transit design; environmental compliance; wetland/terrestrial mitigation replacement design; and stakeholder outreach. He manages complex NEPA studies for urban and rural transportation infrastructure megaprojects with construction costs often exceeding \$1 billion, some of which have been nationally recognized as models for environmental stewardship and streamlining. He has authored NEPA manuals for State transportation agencies and is an ASCE-approved NEPA/environmental instructor.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).						
09/99 – 09/04	Louisiana 1 Improvements Alternatives Analysis and Environmental Impact Statement, Lafourche Parish, LA. DOTD. Project Manager. Responsible for managing this location and environmental study in northwestern Louisiana. Responsible for client satisfaction, budget, scope and schedule compliance and direction of all work activities. Michael Baker conducted a route location, conceptual engineering, and environmental evaluation for a 17-mile four-lane fully controlled access elevated highway on new location with bridges spanning navigable waterways. Because the project area encompassed some of the most ecologically unique and sensitive areas in Louisiana, and perhaps the Nation, traversing the area with a highway on new location presented major environmental challenges. In the spirit of environmental stewardship and streamlining, a context sensitive project approach was employed to develop a transportation facility that fit the physical setting and preserved scenic, aesthetic, historic, and environmental resources, while maintaining safety and mobility.						
04/01 - 11/14	I-69, Section of Independent Utility No. 15, U.S. 171 to I-20, Bossier, Caddo, and DeSoto Parishes, LA. DOTD. Project Manager. Environmental Lead who managed this location and environmental study in northwestern Louisiana. Responsible for client satisfaction, budget, scope and schedule compliance and direction of all work activities. Michael Baker conducted a preliminary engineering and environmental study for I-69, Section of Independent Utility 15. Michael Baker's services included project management, environmental investigations, preliminary roadway engineering, geographic information system environmental mapping and analysis, global positioning system survey and digital orthophotography; conceptual bridge design, traffic demand modeling and traffic forecasting, preparation of a corridor preservation memorandum of agreement, preparation of draft and final environmental impact statements (EIS) and record of decision, and stakeholder outreach.						
08/97 - 09/05	700-09-0117: North-South Expressway, Location and Environmental Study, EIS/ROD, Caddo Parish, LA. DOTD. Project Manager. Mr. Gesing served as Project Manager for a \$670 million, 35-mile four-lane fully controlled highway on new location between I-220 in Shreveport, Louisiana, and the Arkansas state line (now referred to I-49 North). The project included logical termini evaluation, interchange justification studies (IJS), Phase I Cultural Resources Assessment, wetland delineation and surface waters evaluations, Phase I Environmental Site Assessment (ESA), highway traffic noise studies, and air quality impact assessmen.						
07/11 – Ongoing	New Orleans Rail Gateway - Jefferson Highway Rail Crossing Relocation EA, Jefferson Parish, Louisiana. DOTD. Project Manager. Responsible for project management and directing all work activities for preliminary engineering and NEPA/environmental studies for at-grade highway-rail crossing consolidation and grade separation studies of Jefferson Highway (U.S. 90) and the NOPB and KCS rail lines in Jefferson Parish, Louisiana. Michael Baker is providing operations, engineering and environmental studies and preparing an environmental assessment (EA) for improvements to two at-grade highway-rail crossings along Jefferson Highway (US 90) in Jefferson Parish.						

Firm employed by	Michael Baker Intern	ational				
Name Mitch	Carr, PE			Years of relevant experience with this employer	12	
Title Depart	ment Manager - Bridge			Years of relevant experience with other employer(s)	32	
Degree(s) / Years / Sp	pecialization		BS / 1979 / Civil Enginee	ering, Mississippi State University		
Active registration nu	mber / state / expiration	n date		lo. 36619 / Louisiana / exp. 03/31/2024; FHWA - NBIS Safet iing / Mississippi / 05/14/2024	y Inspection of	
Year registered	2011; 2014	Discipline	Civil Engineering			
Contract role(s) / brie	f description of responsi	ibilities	Structures Design Revie	ews.		
over Biloxi Bay and S	t. Louis Bay, a massive u	indertaking. Replaci		expediting the post-Hurricane Katrina emergency respons thich constituted the first design-build projects undertake Coast.		
Experience dates (mm/yy-mm/yy)	Experience and qualithe years of experien			i.e., "designed drainage", "designed girders", "designed inte	rsection", etc. Experie	ence dates should cover
09/05 - 08/08	Katrina made landfa 1.6-mile-long U.S. 90 build projects in ver design build project on the Gulf Coast a large effort of developer for Construction pla	all and devastated to bridge over Biloxi l ry short timeframes cts undertaken by and were complete oping the RFP and to ns and specification	ne Mississippi Gulf Coast. Bay. Both bridges were re of 18 months (St. Louis Ba MDOT. Both projects over ly successful in creating echnical documents in a ns, managed MDOT's structure.	Two major bridges were destroyed: the 2.1-mile-long U.S. placed with high level post-tensioned precast prestressed ay) and 20.5 months (Biloxi Bay) for costs of \$283 and \$34 arcame tremendous challenges due to the complete day two of the largest and most beautiful bridges in the Samuch-expedited timeframe. Later he participated in the detural input and oversight of the overall projects constructorete and structural steel girder fabrication and repairs.	90 bridge over St. Lot d concrete girder brid 3 million respectively estruction of the existate. Mr. Carr actively esign review and app	uis Bay and the dges under design y. These were the first isting infrastructure y participated in the proval of Released
01/15 - 04/15				Engineer. Provided assistance to the Mississippi Departr Flynn to develop RFQ for Design-Build services.	nent of Transportation	n in the development of
01/01 - 07/10	to replace the old U. and had very narrow is 13,753 ft long with approach spans for took nearly 10 years River. A separate proengineering firm's d managing MDOT's s	S. 82 truss bridge on 24 ft. roadway with 250'-1,378'-590' call the new bridge well. The new landmark pject was also let follesign, review of platructural input and	ver the MS River near Gre h no shoulders. The old be ole stayed main spans, a se c comprised of prestresse bridge opened to traffic i r the demolition of the old ns and specifications, cod	enville, MS. Mississippi DOT. Design Reviewer. MDC enville, Mississippi. The old bridge was built in 1940 with a ridge was also struck by barges more often than any other steel superstructure with precast deck panels and 600'tal ed concrete girders with a cast in place deck on drilled ship July 2010 for a total cost of \$270 million and is one of the bridge. Mr. Carr was involved in many aspects of this bridge ordination with regulatory agencies, US Coast Guard, U.S. roject's construction related to design, inspection, quality	a 640'-840'-640' troug or bridge on the MS Riv Il piers on dredged ca naft footings. Construct e most magnificent st dge including oversig Army Corps of Engine	gh truss main span iver. The new bridge aisson footings. The ction of the new bridge tructures on the MS ght of the consult eers, Levee boards, and

07/13 - 07/22	OSARC Statewide Bridge Inspection, Statewide, MS. Mississippi DOT. Project Manager. Responsible for overall project oversight; establishing and administering QA/QC controls that ensured quality project deliverables; developing and maintaining detailed project work plans and equipment and inspection schedules; coordinating with Michael Baker's bridge inspection teams and rigging subcontractor's bridge inspection equipment; monitoring project status; providing status reports to the client, reporting critical findings or urgent issues affecting public safety to the client; performing QA/QC reviews of inspection and load rating; and approving inspection and load rating information in the OSARC InspectTech System. Michael Baker provided inspection and engineering services under multiple contracts for the National Bridge Inventory bridge safety inspections, load rating, and reporting of bridges with varying superstructure types. Michael Baker's services included project management, inspection plan development, routine and in-depth condition and appraisal inspections, load ratings, and the preparation of inspection and load-rating reports. The bridges were located on local road systems owned and maintained by various counties, cities, and towns throughout Mississippi. In all, Michael Baker inspected more than 1,300 bridges over the course of this recurring contract.
10/13 - 12/14	S.R. 63 Bridge over the Escatawpa River and I-20 Bridges over Valley Street In-Depth Inspections, Jackson and Hinds Counties, MS. Mississippi DOT. Project Manager. Responsible for overall project oversight; establishing and administering QA/QC controls that ensured quality project deliverables; developing and maintaining detailed project work plans and equipment and inspection schedules; coordinating with Michael Baker's bridge inspection teams and rigging subcontractor's bridge inspection equipment; coordinating and organizing bridge inspection information and data submitted by the inspectors; monitoring project status; providing status reports to the client, reporting critical findings or urgent issues affecting public safety to the client; coordinating with the project technical manager to develop the bridge inspection report; performing QA/QC review of inspection report. Michael Baker performed in-depth inspections of fatigue-prone steel girders on the S.R. 63 bridge over the Escatawpa River and the dual I-20 bridges over Valley Street. Michael Baker's services included under-bridge access, traffic control, and location and documentation of all cracks in the girders, stiffeners, diaphragms, cross frames, welds, and connections of the bridges, in accordance with the latest AASHTO Manual for Bridge Evaluation. Michael Baker used magnetic particle testing to locate the ends of all cracks in the steel girders and welds.
06/14 - 05/15	Biennial Inspection of the U.S. 82 Cable-Stayed Bridge over the Mississippi River, Washington County, MS. Mississippi DOT. Project Manager. Responsible for overall project oversight; establishing and administering QA/QC controls that ensured quality project deliverables; developing and maintaining detailed project work plans and equipment and inspection schedules; coordinating with Michael Baker's bridge inspection teams and rigging subcontractor's bridge inspection equipment; coordinating and organizing bridge inspection information and data submitted by the inspectors; monitoring project status; providing status reports to the client, reporting critical findings or urgent issues affecting public safety to the client; coordinating with the project technical manager to develop the bridge inspection report; performing QA/QC review of inspection report.
07/13 - 07/15	Phase C - Construction Engineering for SR 512 Bridge Replacement Over Chickasawhay River. Mississippi DOT. Engineer. Provided client with engineering services after the project was awarded for construction including checking Shop Drawings, Rebar Lists, Form Grades, Plan change requests and other Contractor submittals.
11/16 - 12/16	S.R. 28 Big Creek, Quinn Creek, and Strong River Bridge Replacements, Simpson County, Mississippi. Mississippi DOT. Bridge Engineer. Responsible for quality control and constructiability review. Michael Baker is providing engineering services for the replacement of the S.R. 28 bridges over Big Creek, Quinn Creek, and Strong River. Michael Baker's services included hydraulic analyses, scour assessments, stream bank stabilization evaluations, preparation of hydraulic analysis reports, and conceptual and preliminary design.

Firm employed by Michael Baker International								
Name	Philip Wa	lker, PE			Years of relevant experience with this employer	5		
Title	Regional F	Practice Lead - Bridge	!		Years of relevant experience with other employer	(s) 27		1384
Degree(s) / Yea	ears / Spec	ialization		MSCE/1991/Structural En	gineering; BSCE/1990/Structural Engineering			1
Active registra	ation numb	er / state / expiration	date	Professional Engineer No	o. 46394 / Louisiana / exp. 9/30/2024			
Year registered	d	2022	Discipline	Civil Engineering				
Contract role(s	s) / brief de	escription of responsi	bilities	MPR 5; Structures Desig	n Reviews.			
rated, or been responsible for	responsibl r structure:	e for the design of bric s ranging from segme	lges ranging from s ntal concrete bridge	nort span top-down consti s to either curved steel gir	ructures, with a specialty in segmental concrete br ructed structures to bridges crossing navigational c der or steel truss structures. He is an instructor at L national awards—the Marc Basnight Bridge in NC a	hannels with u JSF for concrete	up to 650-foot spans e bridges, instructor	s. He has been r for the NHI Strut
Experience data (mm/yy-mm/y		Experience and qualithe years of experien	ifications relevant to ace specified in the	o the proposed contract; i. applicable MPR(s).	e., "designed drainage", "designed girders", "design	ed intersectior	n", etc. Experience d	lates should cover
02/22 - 06/2	23 (est.)	Bridge over the Miss to meet the goals of consultant, Michael	issippi River. Micha the client for this in Baker provided pre the main arch-trus	el Baker dedicated a stror nportant undertaking of ir inspection planning and s spans on the I-40 Missis	sas DOT. Project Advisor. Michael Baker provideding team of experienced bridge engineers and inspuspecting one of the most significant and heavily-toordination, field inspection, and an inspection resippi River Bridge in Memphis, Tennessee. Work in	ectors to guar raveled bridge eport. Michael	rantee the highest q es in Arkansas. Serv I Baker also provide	quality of services ving as the prime ed a fracture-
10/16 - 12	2/17				rida DOT. Structural Lead. Served as structural le cross-slope on an existing spliced girder bridge us			design-build
07/17 - 09	9/18	interchange project	updates the existin	g freeway connection bet	da. Florida DOT. Structural Lead. Structural lead ween the airport and the I-275 corridor by incorpord for development of conceptual level structural place.	rating a dedica	ated managed lane	system. All effort
box girders bridges cast-in-place on falso - Bridge 3. Lead engineer for the supersi with a deck width of 37'-6". The bridge w supported on 7 5/8" diameter micropile - Bridge 5. Lead engineer for the supersi total length of 336'-5". The superstructur incorporating spiral curve requirements - Bridge 6. Lead engineer for the supersi with a deck width of 37'-6". The bridge w supported on spread footings Bridge 9/10. Lead engineer for the Load				work. The bridges utilized ex ucture design of the single is constructed with a 4.6% ucture design of the single maximum span was 164 fe The bridge utilized external ucture design of the single is constructed with a 4.2% Rating of two balanced car	y, TN. FHWA Eastern Federal Lands. Lead Engineer. Acternal post-tensioning tendons. cell post-tensioned concrete box that was cast-in-placeross-slope along an 8% profile. The bridge utilized excell post-tensioned concrete box that was cast-in-placet with a deck width of 37'-6". The bridge was located post-tensioning tendons. The foundations were suppost-tensioned concrete box that was cast-in-placell post-tensioned concrete box that was cast-in-placeross-slope along a 7.7% profile. The bridge utilized extillever erected segmental concrete box girder bridge tructure for design, various legal loading conditions, and the second conditions of	ice on falsework external post-ter ice on falsework centered on a re ported on sprea ice on falsework external post-ter	k. The superstructure nsioning tendons. Th k. The two-span brid reverse curve with c ad footings. k. The superstructure nsioning tendons. The	e spanned 150 feet te foundations were lge had a ross-slopes e spanned 206'-6" e foundations were

05/10 - 09/10	Lee Roy Selmon/I-4 Crosstown Connector Independent Design Review, Tampa, FL. Florida DOT. Owner's Representative. Responsible for independent peer review of both the superstructure and substructure for the multi-level interchange as part of the team's General Engineering Contract with the district. The independent calculation development focused on various bridges being constructed with the balanced cantilever erection method utilizing both ground-based cranes and specialized segment lifters. All units reviewed were curved with a minimum radius of 750 feet.
03/22 - Ongoing	S.R. 60 Tampa International Airport (TPA) Interchange Design-Build, Hillsborough County, Florida. Florida DOT. Design Reviewer. Michael Baker is providing design-build roadway improvements to the S.R. 60 Westbound roadway facilities including mainlines, collector-distributor (CD) roads, and ramps. The project includes widening, reconstruction, new construction, and milling/resurfacing of the S.R. 60 Westbound and Veterans Expressway Northbound (S.R. 589), CD roadways, and associated ramps. The Michael Baker team is overseeing additions and modifications to the existing roadway facility to enhance safety, add capacity, improve mobility, and meet all project requirements and commitments.
06/12 - 08/12 (concept) 09/12 - 08/13 (design) 09/13 - 06/17 (constr.)	St. Croix River Crossing Project, Stillwater, MN. Minnesota DOT. Structural Lead. Served as Structural Lead for the project and Technical Advisor for the Independent Design Check conducted on the six-span extradosed superstructure unit (600-foot spans) and was responsible for the design of 5,000 foot of the approach structure to the extradosed main spans. He developed all preliminary concepts and developed or reviewed/verified/approved all final design calculations of a team of 100 staff for the six approach units leading to the Extradosed Main Spans. The approach units consist of post-tensioned concrete box cross-sections constructed utilizing either the precast balanced cantilever erection techniques or cast-in-place on falsework approach. He provided to staff the geometry for all concrete material sizes and post-tensioning tendon configurations for both the bridge superstructure as well as the columns/foundations. Both the end and intermediate pier diaphragms of the cast-in-place superstructure units were transversely post-tensioned. The intermediate pier diaphragms required use of loop tendons. He guided preparation of the 1300 sheet construction plans. He was the contact between the design team and the owner both during design and construction. To accelerate construction of the project, plans for the river foundations went to bid within five months of the start of the project.
02/12 - 03/12	Bayonne Bridge Navigational Clearance Program, Bayonne, New Jersey/Staten Island, New York. Port Authority of New York and New Jersey. Technical Advisor. Responsible for the design of the segmental concrete approach spans to the main river crossing. He developed the preliminary span configuration, superstructure component sizing, and foundations size and location for the segmental concrete approach spans to the main river crossing. During design, he provided detailing guidance for precast substructure columns. Post-tensioning bars were utilized for initial segment erection for the column extending to a 160-foot height. Tendons were utilized for principal column post-tensioning. The approach units contain twin parallel precast segmental concrete boxes on the 2400-foot-long south approach structure and 2900-foot-long north approach structure to the main span. The main span's truss arch is 1652 feet long and provides a navigational clearance of 215 feet.
12/08 to 05/11 (Concept); 10/11 (Design)	Bonner Bridge Replacement (NC12), Dare County, NC. North Carolina DOT. Engineer of Record. Responsible for the 3,550-foot navigational unit section of the 14,800-foot bridge structure across the Oregon Inlet. The navigation unit superstructure consisted of 11 spans of balanced cantilever erected precast concrete segments supported by precast concrete columns. The maximum span length was 350 feet. During design, he provided detailing guidance for precast substructure columns. Post-tensioning bars were utilized for initial segment erection and for final column post-tensioning. The project's foundations contained either 30" square concrete piling or concrete cylinder piling designed to resist erection loadings, with capacity for a 2000k vessel collision loading, with scour conditions extending to an 80-foot depth.
03/05 - 05/05 (Concept) 06/05 - 12/08 (Design) 05/09 - 02/13 (Constr.	SR 79 over Holmes Creek, Vernon, Florida. Florida DOT. Structural Project Manager and Engineer of Record. Responsible for the twin 1000-foot AASHTO Type IV girder bridges. He was responsible for all contract documents for the bridge, retaining walls (anchored sheet pile), and mastarm structures. The presence of artesian pressure and swampy conditions required the design of two foundation solutions – steel pipe piles and drilled shafts. He provided technical direction and supervision to a staff of three engineers and two technicians
05/07 (Concept) 05/07 - 10/08 (Design) 10/08 to 12/11 (Constr.)	Mid-Bay Bridge Authority General Engineering Contract - Phase 1, Okaloosa County, Florida. Mid-Bay Bridge Authority. Structural Project Manager and Engineer of Record. Responsible for all structures along the 3.5-mile corridor. Project includes three bridge structures with various walls, sign structures, and mastarms. Bridge structures include two 245-foot simple span hybrid steel plate girder structures and a 95-foot simple span AASHTO Type IV girder structure.

Firm employed by WSP USA, Inc.							
Name	Hatem S	eliem, PhD, PE			Years of relevant experience with this employer	<1	
Title	Vice Pres	ident, Structural Engir	ieer		Years of relevant experience with other employer(s)	18	
Degree(s) / Y	Years / Spec	cialization		PhD / 2007 / Civil Engine	eering; MS / 2002 / Structural Engineering; BS / 2000 / Civ	il Engineering	
Active registr	ration num	ber / state / expiration	date	Professional Engineer N	o. 39759 / Louisiana / exp. 09/30/2023		200
Year registere	red	2015	Discipline	Civil Engineering			
Contract role	e(s) / brief d	description of responsi	bilities	Structures Design Revie	WS .		
lead design e	engineer oi	n several large-scale p	rojects. He was the	lead designer of reinforc	design and behavior of reinforced and prestressed concre ed concrete and prestressed concrete bridges and structu ational and international design codes including AASHTO, A	ıres varying from simpl	le slab spans to box
Experience d (mm/yy-mm/		Experience and qual the years of experien	ifications relevant t ace specified in the	o the proposed contract; i applicable MPR(s).	i.e., "designed drainage", "designed girders", "designed inters	section", etc. Experienc	e dates should cover
MacArthur Interchange Phase II, No coordinating with subconsultants and substructure, deck drainage design, a				ADOTD Project Manager. d construction cost estim	ngineer of Record and Project Manager. As Project Mana As Engineer-of-Record, he was responsible for the structur ate. Provided two new, on-ramp and off-ramp connections emolish the existing off-ramp, and widening of the US 90-Z	ral design of the supers between the existing o	structure and eastbound of the
10/19 – 0	06/20	systems and/or met	hods to be used for he final report, and	routine and typical repai	tewide, LA. LADOTD. Team Leader and Project Manager. rs of reinforced concrete and prestressed concrete piles for ated concrete piles exhibit different signs of distress, depe	or above and underwat	er applications.
design review of the construction stag replace the two steel I-10 bridges over continuous unit, and the other three s				ng, and provide QCQA rev assing US 165 and MP Rai ans were continuous unit	gn Engineer. Led the structural design of the column bent iew of the construction plans of both superstructure and s ilroad. Each bound total bridge length is 765 ft comprising . Design included all elements of bridge structure along wiasing to maintain traffic on the interstate while removing t	ubstructure. The project seven spans. Four spar ith required slope and c	ct scope was to ns were made one embankment work.
was responsible for coordinating with			coordinating with t ls, approving the in	he LADOTD Project Manag strumentation plans, revie	d Bridges, Statewide, LA. LADOTD. Team Leader and Proger and Districts Engineers. As the team leader he was respewing/validating the load testing results, reviewing/approx	ponsible for reviewing	and validating the
design for bearings replacements, the			replacements, the c simple through tru	lesign of the rehabilitation ss bridge carries LA 182 o	A. LADOTD. QCQA Engineer. Hatem was responsible for revinwork including Fiber-Reinforced Polymer (FRP), and deve ver the Atchafalaya River has a total length of 3,746 ft. The	eloping the Specificatio	ons for the Non-

11/15 – 04/18	US 80 Texas Street Bridge Rehabilitation, Shreveport, LA. LADOTD. Senior Load Rating Engineer and Inspection Team Leader. As senior load rating engineer Hatem was responsible for carrying out the structural analysis of the three main-span trusses using refined analysis as well as performing the load rating calculations for the various elements of the trusses. Further, he was responsible for designing the rehabilitation of the concrete approach spans using Fiber Reinforced Polymer (FRP). As inspection team leader, he performed hands-on element inspection of the approach spans and ultrasonic testing of the steel pins. The historic bridge (built in 1934) carries US 80 over the Red River with a total length of 2,895 ft. The approach spans consist of RC T-beam spans, steel girders, and steel deck trusses. The main spans are three-span steel truss with a total length of 884 feet.
06/16 – 10/17	I-10 WB On-Ramp from Us 61, Slidell, East Baton Rouge, LA. LADOTD. Design Engineer. As a structural engineer Hatem carried out the structural analysis of the fracture-critical, curved, four-span continuous, steel plate girder bridge utilizing finite element modeling. He also participated in the design of the damaged span replacement, which involved constructing the replacement span onsite and to slide it in place using SPMT to provide minimal closure of I-10. Post construction, Hatem participated in the instrumentation and load testing of the bridge.
05/13 - 06/16	US 11 Lake Pontchartrain, Slidell, LA. LADOTD. Design Engineer and Bridge Inspector. As a structural engineer Hatem carried out the structural analysis of the arched reinforced concrete T-beam spans using non-linear refined analysis to account for the arching effect. He was a member of the inspection team conducing hands-on element inspection of the bridge. The historic bridge (built 1928) carries US-11 over Lake Pontchartrain, which consists of 700 reinforced concrete spans and two steel movable spans with a total length of 24,922 ft.
08/14 - 06/16	LA 66 Big Bayou Sara Bridge, LA. LADOTD. Design Engineer. Hatem was responsible for the structural analysis of the pony trusses under the effect of different loads, reviewing the rehabilitation design and construction plans, and providing construction support. The historic bridge was built in 1949. It consists of five, 100-ft steel pony truss spans and five 40-ft steel I-beam approach spans. Services included inspection and evaluation of the existing structure, rehabilitation design for the superstructure and substructure, development of construction plans, and design of temporary two-lane detour steel panel bridge to maintain traffic during construction.
08/13 - 04/14	I-10 Whiskey Bay Fire Repair, LA. LADOTD. Design Engineer. Hatem carried out the inspection of the damaged superstructure and substructure, evaluated the extent of damage and the structural integrity, designed the rehabilitation system, developed construction plans, developed the Specifications for the Non-Standard items, and compiled the final report. Two spans of the elevated expressway (part of I-10) between Atchafalaya River Bridge and Whiskey Bay Pilot Channel Bridge were damaged due to fire. The bridge superstructure comprises precast, prestressed concrete girders.

Firm employe	ed by	WSP USA, Inc.					
Name	Lisa Frug	je, PE, PMP			Years of relevant experience with this employer	4	
Title Supervising Civil Engineer					Years of relevant experience with other employer(s)	15	
Degree(s) / Ye	'ears / Spec	cialization		BS / 2003 / Civil Engine	ering, Louisiana State University		
Active registra	ration numl	ber / state / expiration	date	Professional Engineer No	. 33281 / Louisiana / exp. 09/30/2023; Project Managemer	nt Professional No. 270	06251
Year registere	ed	2007	Discipline	Civil			
Contract role((s) / brief a	lescription of responsi	bilities	MPR 5; Roadway/Draina	age Design Reviews.		
ing LADOTD, (has given her	City of Bato r a unique	on Rouge, City of New	Orleans, East Baton structability issues	Rouge Parish, St. Tamma	major interchange design builds. She has delivered a iny Parish and Greater New Orleans Expressway Comm encountered a variety of project issues requiring coor	nission. Her experien	ce in design build delivery
Experience da (mm/yy-mm/		Experience and qualithe years of experien			i.e., "designed drainage", "designed girders", "designed in	ntersection", etc. Exp	perience dates should cover
Interstate 75-Martin Luther King Jr. (MLK) Blvd. Diverging Diamond Interchange. Hillsborough County, Florida. Deputy Design Project Manager. Deputy manager for this design-build project on which WSP is serving as lead designer. She coordinates with the contractor, the Florida Department of Transportation her team on weekly design meetings, biweekly client updates, and internal discipline specific meetings to progress the project towards successful delivery. See the engineer of record for the Typical Section, Design Variations, and Pavement Design packages, and oversees change control to monitor the project budget. She the project manager in managing the overall schedule as well as permitting efforts to maintain the critical path. The project scope includes the widening of large to support the design of a new diverging diamond interchange at MLK Blvd. and all associated ramps. The milling/resurfacing and reconstruction along Mextends from Queen Palm Drive to Williams Road. A collector-distributor road is designed to carry traffic from MLK Blvd. directly to Interstate 4 paralleling Interval.						nt of Transportation, and ccessful delivery. She is the project budget. She assists the widening of Interstate estruction along MLK Blvd.	
3/2019 - p	I-40/I-77 Interchange Design Build: I-40 from SR 2003 to SR 2158/ I-77 from SR 2171 to SR 2321. Iredell County, North Carolina. WSP was the lead designer on to project which includes widening of I-77 and I-40 including the complete replacement of the interchange, converting it to a turbine, and the replacement of the Bro Street interchange. Lisa was on the WSP Management Team and was responsible for change and cost control. She participated in weekly design meetings with the design team and contractor to facilitate the efficient completion of this project. In addition to design management tasks, she also managed the RFI process using ProjectWise and ProjectSolve software. Construction cost: \$261M. Ultimate Client: NCDOT						replacement of the Broad esign meetings with the
R-2828: NC 540 Triangle Expressway, Southeast Extension Design/Build (from east of US 401 to east of I-R-2828 is one of three segments to extend the existing Triangle Expressway in Apex, NC to I-40 as a six-lane full 8.6 miles. Lisa served on the Management Team for WSP, who is the lead designer providing management, All I drawings for the entire project including 21 bridge sites and the design of a new turbine interchange at I-40/US design progress meetings with the design team and contractor, Lisa helped to coordinate the parcel acquisition works construction schedule and the utility relocation schedule. The project involves the acquisition of all or a cross streets. She also managed change and cost control on the project. Construction cost: \$403M. Ultimate Cli					expressway in Apex, NC to I-40 as a six-lane fully tolled the lead designer providing management, All Electron design of a new turbine interchange at I-40/US 70/NC states the parcel acquisition priorit. The project involves the acquisition of all or a portion	facility on new locat ic Tolling (AET), pern 640. In addition to pa y schedule as it relat of 170 parcels along	ion for approximately nitting and construction articipating in weekly tes to the contractor early the main line and 7 major
I-10 Design/Build (Highland Rd - LA73) East Baton Rouge Pa Road to LA73 and included the replacement of the steel girder b jacking and repair of the prestressed concrete girder Bluff Road and plan reviews for this interstate widening project for both the team's quality control. Construction cost: \$72 million. LADOTD S				nent of the steel girder br Increte girder Bluff Road l Ening project for both the	idge over Highland Road, the widening of the slab spa bridge over I-10. As part of the Owner's Representative bridge and roadway plans at the milestone submittals	n concrete bridge ov /Oversight Team, Mrs	ver Manchac Bayou, and the s. Fruge performed design

03/2010 - 07/2013

I-10 Design/Build (Siegen Ln - Highland Rd), East Baton Rouge Parish, LA .Mrs. Fruge performed preliminary design & final plan preparation of bridges over the KCS Railroad and Wards Creek. She designed AASHTO type II, III, & IV girders, concrete decks and pile bents. She also assisted in the design of steel plate girders, column bents and related items. All bridge design was LRFD. Coordination with KCS railroad to obtain necessary permits was required. Complexities of the project include greatly skewed steel spans and construction immediately adjacent to a remaining high powered electric pole in the interstate median. The design accounts for the phasing of construction allowing the interstate to remain open while the bridges are being completely replaced. She performed bridge ratings (LRFR) according to AASHTO Manual for Bridge Evaluation, 2nd Edition, 2011, and used Virtis software (now BrR) to evaluate the applicable components of both bridges. LA DOTD State Project No 450-10-0159

Firm employed by Michael Baker International			ational				
Name	Gary Cho	odkowski, PE			Years of relevant experience with this employer	29	
Title Project Manager/Senior Associate			iate		Years of relevant experience with other employer(s)	10	
Degree(s) / Y	ears / Spec	cialization		BSCE, 1989, Civil Enginee	ering, University of Pittsburgh		(And the second
Active registr	ration numl	ber / state / expiration	date		Louisiana No. PE0039376 (exp. 3/31/2023); ATSSA Traffic C Control Supervisor, Louisiana; ATSSA Traffic Control Flagg		
Year registere	ed	2014	Discipline	Civil			
Contract role	(s) / brief a	lescription of responsi	bilities	CPM Schedule/Update; F	Roadway/Drainage Design Reviews.		
will perform i	initial base	y assurance, compliar line schedule review or LADOTD and other s	of the contractor's s	chedule and of all CPM so	ling. One of Michael Baker's most experienced and highly chedule updates. He has over 15 years' experience in urba	skilled CPM Schedu n freeway, including	lers, Mr. Chodkowski several major bridge
Experience do (mm/yy-mm/		Experience and qual the years of experier	lifications relevant to nce specified in the	o the proposed contract; i. applicable MPR(s).	e., "designed drainage", "designed girders", "designed inter	rsection", etc. Experie	ence dates should cover
05/10 - 0	08/13		toring construction	schedules. Project consis	d 25 Protection System, Calcasieu Parish, Louisiana. A sted of the removal and replacement of the pier protection		
10/10 - 0	Milton-Madison Bridge Replacement CE&I, Milton, IN to Madison, KY. Indiana DOT. Scheduler. Developed a construction schedule during the preliminary design team. Assisted the construction management team in the project schedule reviews and filled in for the transportation inspector manager. Michael Baker provided project management, design review, shop drawing review, construction management and inspection, public involvement, and environmental oversight, for the design-build reconstruction of the bridge, which carries U.S. 421 over the Ohio River. The superstructure was replaced on the existing piers, using accelerated bridge construction techniques for lateral bridge sliding, allowing the bridge to remain open traffic for all but 41 days during construction.						
IR 76 Main-Broadway Interchange, Akron, OH. Ohio Department of Transportation, District 4. Project Manager. Responsible for ensuring the project, construction management functions, was executed in compliance with the project scope and ODOT's policies, procedures, and specifications. Oversee project staff, whose duties include inspecting, documenting, and recording quantities of work being performed. Ensured all work was performed according specifications and plans. Michael Baker is providing construction administration and inspection services for a major reconfiguration of an urban intercond and associated roadways, South Main Street, and South Broadway Street. Services include monitoring of progress and critical path method (CPM) school and management of submittals and requests for information (RFI), negotiation and management of change orders, tracking and documentation of pay inspection of all contractor work and materials for compliance with contract requirements.					Oversees and manages ed according to project an interchange on IR 76 PM) schedule, review		
General Engineering Consultant (GEC) Program, Statewide, PA. Pennsylvania Turnpike Commission. For 13 years as Construction Program Manager, materials \$\frac{1}{2}\$ \$600M annual capital construction plan. He also served as expert consultant for quality management, materials sampling and testing, scheduling, constructability review, and estimating. He developed CPM schedules, constructability reviews, cost estimates, and QA/QC program document for major mainline reconstruction projects throughout the PTC system, which encompasses 545 miles of roadway. Gary has managed contractor operation design-build and design-bid-build projects on major expressways, including new interchange construction, bridges, tollway widenings, resurfacing, serviction, and noise wall facilities for projects totaling more than \$3.5B in construction value. He also managed development of a new Construction Operation of the Pennsylvania Turnpike Commission.						cheduling, construction m documentation or operations for acing, service plazas,	

02/13 - 06/18	H.010620: US 90 (I-49 South), Albertson's Parkway to Ambassador Caffery, Design-Build Owner Verification, Lafayette Parish, LA. DOTD. Scheduler. Responsible for reviewing the initial baseline construction schedule for the reconstruction of I-90. Michael Baker provided contract and project management services to the DOTD for the US 90 Design-Build Project from Ambassador Caffery to Albertson's Parkway. The project included the implementation of a new frontage road system, improvements to L.A. 182, new ramps, and a new drainage system and mainline structure over Albertson's Parkway and the BNSF Railroad. Michael Baker provided project scoping, conceptual design, and performance specifications and performed design and schedule reviews, construction inspection, and quality assurance verification during the life of the project.
04/16 - Ongoing	Highway 18 Widening (CA1002-Manila-East) Construction Services, Mississippi County, AR. Arkansas DOT. Scheduler. Responsible for reviewing the preliminary, baseline, and updates for compliance in accordance with the contract documents. Also, responsible for reviewing project time impact studies to determine the time adjustment needed for the contract. Michael Baker is providing construction management and inspection services for the construction of approximately 1.8 miles of Highway 18 roadway and bridge widening and replacement immediately east of Manila, Arkansas, in Mississippi County. Michael Baker's services include project management, utility relocation coordination, construction management, and inspection.
06/07 - 10/11	Allegheny River Bridge Replacement, Pittsburgh, PA. Pennsylvania Turnpike Commission. Project Manager. Provided construction oversight for twin cast-in-place concrete box girders, using the balanced cantilever method, approximately 2,350 feet long and up to 120 feet high; constructed to replace the bridge carrying the mainline Pennsylvania Turnpike over the Allegheny River. Each bridge is about 61 feet wide and features three 12-foot-wide travel lanes, a 12-foot-wide outside berm, and a 10-foot-wide inside berm. Both decks have concrete road surfaces. Michael Baker provided engineering services for the project under its general engineering consulting contract. The project also included replacement of an overpass, new entrance acceleration and exit deceleration ramps for an interchange, two new bridges carrying I-76 over the interchange ramps, replacement of an older pedestrian bridge over the turnpike, and the construction of five retaining walls: 1,300 feet long, 30 feet high; 600 feet long, 70 feet high; 400 feet long 200 feet long, both 12 to 16 feet high; 1,000 feet long, 60 feet high.
11/11 - 12/17	I-794 Lake Freeway and Hoan Bridge over the Milwaukee River, Milwaukee, WI. Wisconsin DOT. Scheduler/Constructability Reviewer. Responsible for reviewing the site and initial planning design for the development of a constructible project schedule. The project includes phased bridge redecking for major interstate I-794 that travels over the Milwaukee River via a through truss and has more than 2.5 miles of elevated approaches and the interchange with I-94. Michael Baker provided preliminary and final design services for the I-794 Lake Freeway and Hoan Bridge Project, which included major improvements to the freeway and the Daniel Hoan steel tied-arch bridge. Services included preliminary and final roadway and structure design; development of PS&E packages; preparation of an environmental report; agency, railroad, utility, and subconsultant coordination; survey; traffic analysis; safety analysis; traffic control; construction staging; risk assessment; constructability reviews; construction sequencing; and bridge load rating calculations.

Firm employ	yed by	Sigma Consulting Gro	oup, Inc.				
Name	Robert Lo	ear, Jr., PE, LSI			Years of relevant experience with this employer	24	
Title	Vice-Pres	ident / Sr. Project Mar	nager		Years of relevant experience with other employer(s)	3	
Degree(s) /	Years / Spec	cialization		BS /1996 / Civil Engineer	ing		
Active regist	tration numl	ber / state / expiration	date	Professional Engineer No exp. 09/30/2023	o. 29394 / Louisiana / exp. 03/31/25; Land Surveyor II	ntern No. 508 / Lou	uisiana /
Year register	ered	2001; 2005	Discipline	Civil / Land Surveyor Into	ern		
Contract role	le(s) / brief d	lescription of responsi	bilities	MPR 5; Roadway/Draina	ge Design Reviews.		
Experience of (mm/yy-mm		Experience and qual the years of experien	lifications relevant t nce specified in the	o the proposed contract; i. applicable MPR(s).	e., "designed drainage", "designed girders", "designed	intersection", etc.	Experience dates should cover
10/20 - 0	Ongoing	lead design review of signing, SWPPP and	engineer for the foll TMP Level 4. His re	owing design units: defin), E. Baton Rouge Parish, LA. LADOTD. Lead Design itive design, clearing & grubbing, roadway, drainage, hnical reviews of calculations and drawings for confo	maintenance of tr	raffic, pavement marking &
Engineer for this LaDOTD Design Build F the LA73 Interchange. The I-10 bridges the ramp gore areas were required to a curves through flat profile grades to en- median section of the freeway. A doubl lane and 1 shared exit lane was designed			DOTD Design Build F e. The I-10 bridges s were required to a profile grades to en ne freeway. A doubl kit lane was designe	Project. The project include over Highland Road and a occommodate the new prosure adequate drainage. A e exit with 2 dedicated exident the latest exident of the latest exident exident exit at LA7	and Ascension Parish, LA. LADOTD. Roadway Designes widening I-10 for 6.6 miles to 3-lanes in each direct pproaching roadway are being replaced with a new file. A 54" median barrier is included for 3.6 miles, was design considerations were necessary to minimit lanes was design at the I-10 EB exit at Highland Roads. Existing ramp acceleration and deceleration lane sible for all road design components of the project.	ction from the Higl structure and prof th additional deta ize tree clearing tl d and a double ex	hland Road Interchange to file grade. Adjustments to il required for superelevated hrough the 3-mile wooded kit with 1 dedicated exit
05/20 - 0	I-10: LA 415 to Essen Lane on I-10/I-12 (of I-10, interchange improvements, and s			surface street improveme ons, design reports, estab	Parish, LA. LADOTD. Project Engineer. Mr. Lear is a nts through Baton Rouge. His responsibilities includ lishing required right of way, and plan preparation us D, and the CMAR contractor.	e urban roadway,	freeway, and interchange
I-20/I-220 Interchange and providing full this LADOTD Design-Build Project. He is interstate, diagonal and loop ramps, C-D geometric details, cross sections, draina and grubbing plans, and construction su Plan, Interchange Modification Report re partnering and coordination with the core			ge and providing furbuild Project. He is and loop ramps, C-loss sections, drain and construction sodification Report redination with the countried pre-countried pre-count	Il access to the Barksdale responsible for preparing or orad, and rural arterial; sage design including crosupport. Mr. Lear also was e-evaluation, traffic controportractor throughout the Fonstruction project meeting	Parish, LA. LADOTD. Roadway Design Engineer. The Air Force Base via a new 4-lane rural arterial roadway of the geometric design criteria reports, design excepts superelevation transitions, typical sections, plan profess drains, storm drains, side drains, roadside ditches, responsible for QA/QC reviews and/or independent of plans, signing and striping plans, and transportation RFQ, RFP, design and construction phases of the projection process.	ny. Mr. Lear is the lations, horizontal are le sheets, geomet existing and designered by the Store management plact. As key persor	Roadway Design Engineer for nd vertical geometrics for the tric control, geometric layout, an drainage maps, clearing rmwater Pollution Prevention lan. He also participated in nnel for the DB process, he

2013 - 09/20	I-10 East Jct. I-49 to LA 328, Lafayette & St. Martin Parishes, LA. LADOTD. Project Manager. Mr. Lear was the project manager and lead roadway engineer for capacity and pavement replacement for 6.7 miles of I-10 in Lafayette, LA. He was responsible for all roadway design components of the project including typical sections, plan profiles, geometric details, sequencing and cross sections. The project included median barrier divided interstate with superelevation, bridge replacement and widening, and local road pier protection. Mr. Lear also coordinated the roadway lighting and utility conflicts with subconsultants, bridge design with DOTD Bridge section and attended public meetings/prepared exhibits for environmental approval. An opinion of probable costs was also developed for the project.
2013 - 02/23	I-10: LA 347 to Atchafalaya Floodway Bridge, St. Martin Parish, LA. LADOTD. Project Manager and Lead Roadway Engineer. Mr. Lear was the project manager and lead roadway engineer for replacing and upgrading 2.7 miles of I-10 and intersection safety improvements near Henderson, LA. He was responsible for all roadway design components of the project including typical sections, plan profiles, geometric details, sequencing, level 4 TMP, and cross sections. The project scope also included two roundabouts at the ramp termini points and intersection improvements to LA352/LA347 based on traffic data and access management. Mr. Lear was the road design engineer for these one-lane roundabouts and intersection improvements and attended public meetings for DOTD environmental clearance. Mr. Lear also coordinated the roadway lighting and utility conflicts with subconsultants, and bridge design with DOTD Bridge section, and assembled the multi-discipline construction plan set. He is currently providing construction support for the project.
2013	N. Lake Boudreaux Basin Freshwater Introduction (TE-32A), Terrebonne Parish, LA. CPRA. Project Engineer. Mr. Lear served as a project engineer for the QA/QC peer review of the 95% final design report, plans and specifications prepared by T. Baker Smith. Mr. Lear was responsible for the marsh creation review, roadway plans review, survey review, and QA/QC of the specifications and construction cost estimate.
2019 - Present	Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project, Plaquemines and Jefferson Parish, LA. LADOTD. Project Engineer. Mr. Lear is a project engineer for this public/private partnership project for DOTD. He performed the independent technical review of the horizontal and vertical geometrics, superelevation calculations, design reports, and geometric layout and details. He also performed an independent technical review of the right of way maps for the project.

Firm employe	red by	Sigma Consulting Group, Inc.							
Name	Bryan K.	Harmon, PE			Years of relevant experience with this employer	7			
Title	Vice-Pres	sident / Special Project	ts Engineer		Years of relevant experience with other employer(s)	33			
Degree(s) / Y	Years / Spec	cialization		BS /1982 / Civil Enginee	BS /1982 / Civil Engineering; BS / 1981 / Agricultural Engineering				
Active registi	tration num	ber / state / expiration	date	Professional Engineer N	lo. 22595 / Louisiana / exp. 03/31/23				
Year register	red	1987	Discipline	Civil Engineering					
Contract role	e(s) / brief a	lescription of responsi	bilities	Roadway/Drainage Des	ign Reviews.		95098		
Experience of (mm/yy-mm)		Experience and qual the years of experien			i.e., "designed drainage", "designed girders", "designed in	ntersection", etc. Ex _l	perience dates should cover		
College Drive exit into separate I¬12 West and I-1 Ready for Construction (RFC) Plan submittals. To with consideration being given to DOTD Design of drainage basin and adjoining infrastructure development the East Baton Rouge City-Parish, Mr. Harmon bromay react to this Project modification. He clearly				ainage design reviewer, pest and I-10 West exits. Mr nittals. These reviews inc Design Guidelines, Hydra cture developments. Havi armon brings significant	(7), E. Baton Rouge Parish, LA. LADOTD. Road Design providing support services to DOTD for this Project. This r. Harmon's responsibilities include participation in the clude roadway plans, construction sequencing, primary aulics Manual, Standard Details and Specifications, anding served as the Drainage Engineer, Chief Engineer, an institutional knowledge of the local drainage and roadwe concerns that may be expressed by the local communication.	s project consists of progress reviews of y drainage systems, d to potential impachd ultimately the Dirway systems within	modifying the I-10 West/ f each Design Unit and open channel design, its to the Wards Creek ector of Public works for the parish and how they		
10/16 –	10/20	experience and undo recommendations of	erstanding of the lover the underlying	ocal infrastructure system local roadways and prima	and Ascension Parish, LA. LADOTD. Design & Construs he provided general engineering support to the environmental designs of the environmental designs and establishing proper finish grades in considerat	ronmental review te both drainage and s	eam for vertical clearance sanitary sewer system		
05/20 - F	Present	I-10: LA 415 to Essen Lane on I-10/I-12 (CMAR), E. Baton Rouge Parish, LA. LADOTD. Project Engineer. Mr. Harmon is serving as Sigma's supervising Drainage Engineer for this major interstate improvement project from just east of the Mississippi River bridge crossing to just west of College Drive. Mr. Harmon is responsible for the final drainage design of the interstate collection systems, local frontage roads and drainage outfalls including the bridge hydraulic evaluation of the Acadian Thruway Bridge over Dawson Creek.							
2018 - 1	10/22	the evaluation and d meet the Drainage P (inlets, pipes, box cu is bounded to the we southern limits of th complexities associa	lesign of both the e Performance Specifulverts, and bridges est by the Flat Rive e project is also big ated with this later Hec Ras Model for	existing and proposed dra ications stipulated for this of consideration of impact of the east by Red Chute sected by the KCSRR and al overflow storage area, of this region. Due to the late	Parish, LA. LADOTD. Project Engineer. Mr. Harmon is inage systems for this new 4-lane rural arterial and roas Design-Build Project. In addition to the standard DOT is to the surrounding floodplain storage basins and wet a Bayou, and to the south by the remnants of Musselshe is subject to significant backwater and overbank floodicoordination with the Bossier Levee District was require teral overflows and interchange of flows, consideration	adway. Drainage de D drainage evaluation tlands had to be cor ell Bayou. The flood ing from Red Chute red which included u	sign on this project had to ons for storm drain systems nsidered. This interchange Iplain area along the Bayou. Due to the floodplain utilizing elements of their		

2015 - 2016	I-10 East Jct. I-49 to LA 328, Lafayette & St. Martin Parishes, LA. LADOTD. Road Design Engineer. Mr. Harmon served as a road design engineer for this project and was responsible for drainage design and superelevation computations for this 6.7-mile interstate replacement project. The design included subsurface median drainage along the median barrier of the interstate, roadside ditch improvements, and cross drain modifications/extensions.
2015 - 2019	I-10: LA 347 to Atchafalaya Floodway Bridge, St. Martin Parish, LA. LADOTD. Road Design Engineer. Mr. Harmon served as a road design engineer for this 2.7 mile interstate replacement and interchange safety improvement project. He was responsible for the drainage design on the mainline and drainage QA/QC for the new ramp terminal roundabout design at Henderson, LA. He was also responsible for QA/QC of the roadway plans and sequence of construction for the LA347 roundabouts and roadway improvements.
2018 - Present	Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project, Plaquemines and Jefferson Parish, LA. LADOTD. Lead Drainage Engineer. Sigma Consulting Group is providing the drainage design for this major highway improvement that is being designed and constructed under this alternative delivery method. Mr. Harmon is serving as the lead drainage engineer and is responsible for the coordination and proper consideration of the impacts that the large multi-jurisdictional pumped drainage outfall systems have on the project drainage system performance. Project drainage considerations include bridge deck scupper design conforming to FHWA HEC-21 requirements, and standard storm drainage piping and inlet design for associated local roadway improvements. The drainage system design must account for the final full build conditions but must also function during the various construction sequences with the addition of temporary systems.

Firm employe	ed by	Forte and Tablada				
Name	me Allison Schilling, PE				Years of relevant experience with this employer	6
Title	Transpor	tation Project Manager			Years of relevant experience with other employer(s)	17
Degree(s) / Y	Degree(s) / Years / Specialization			BS / 1998 / Civil Engineering		
Active registr	ration num	ber / state / expiration	date	Professional Engineer No. 30265 / Louisiana / exp. 09/30/2024		
Year registere	Year registered 2002 Discipline			Civil Engineering		
Contract role	(s) / brief (description of responsib	bilities	Roadway/Drainage Desi	ign Reviews.	



Mrs. Schilling has extensive experience in civil engineering, program management, project management and administration. She was employed by LADOTD for 35 years where she worked in the Road Design Section and the Hammond District. She was the Program Delivery/Design Engineer for 6 years before becoming the District Administrator and brings a vast knowledge of roadway design with extensive experience in full and letter size plan development. Mrs. Schilling has served on the Louisiana Statewide Transportation Plan Regional Planning Officials Advisory Committee, CRPC Technical Advisory Committee, CRPC Technical Policy Committee and numerous DOTD policy committees including Context Sensitive Solutions, Practical Design, Median Cable Barrier, Rumble Strips, Engineering Automation and Electronic Plans Management. Since 2003, she has designed or managed over 230 projects worth over \$500 million. She has extensive knowledge of DOTD policies and procedures as well as program and project delivery processes.

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
LA 447 Access Management (I-12 – US 190). City of Walker. Project Manager. Project Manager for this project that developed a conceptual layout for the City of Walker as an alternative to an outdated DOTD study to remove the center turn lane from the five-lane section throughout this heavily traveled commercial corridor.
H.000445.1-1 - US 190 over UPRR and Little Teche Bayou, St. Landry Parish, LA. LADOTD. Project Engineer. Project Engineer for this project that developed a scoping document for the replacement or rehabilitation of the EB and WB US 190 bridges over the Union Pacific Railroad (UPRR) near I-49 and over Little Teche Bayou in St. Landy Parish, LA. Based on the findings, a Bridge Evaluation Report outlining the feasibility and preliminary cost estimates for several construction phasing alternatives, as well as a recommended scope of work, was developed.
LA 16 (Pete's Highway) at Cook Rd. Roundabout. Denham Springs, LA. Review Engineer. Worked as part of the Forte & Tablada team in reviewing the conceptual layout and preliminary design for roundabout at LA 16 and Cook Rd. in Denham Springs, LA. This project completed design phase in January 2022.
US 80 at Old Benton Rd. Roundabout, Bossier Parish, LA. City of Bossier City. Project Engineer. Developed preliminary and final geometric and sequence of construction plans for the construction of a roundabout at the intersection of US 80 and Old Benton Road. This roundabout was part of a larger permit project sponsored by the City of Bossier to make improvements to US 80 in Bossier City, LA.
I-12/US 190 EB Exit Improvements in Covington/Mandeville, LA. LADOTD. Project Manager. Developed preliminary and final plans to widen the eastbound exit to a double exit. The project included the geometric changes to the exit ramp, lengthening of the existing deceleration lane, overhead sign trusses, and guardrail.
I-12 (LA 1026 – LA 447) Juban to Walker Widening. LADOTD. Project Manager. Developed preliminary and final plans to widen I-12 from 4 to 6 lanes. The project included widening the roadway to the inside, installation of cast-in-place median barriers with conduit for future lighting and overlaying the existing interstate travel lanes.
Multiple Roundabout Projects, Multiple Sites, LA. LADOTD. District Project Manager. Project Manager and supervised staff in the design of a roundabout at the intersection of US 190 and LA 434 in Bayou Lacombe, LA. Also worked as District Project Manager for the 3 roundabouts at the I-12 and US 51B interchange in Hammond, LA as well as the roundabout at the intersection of LA 1077 and LA 1085 in Madisonville, LA.

01/10-05/12	Cockerham Drive Improvements, Livingston Parish, LA. LADOTD. Project Manager. Project Manager for the Preliminary and Final design plans for improvements to Cockerham Road, from Hatchell to Burgess Avenue. Improvements included pavement patching and overlay design, hydraulic analysis for installation of storm drain pipe and catch basins, and design of new concrete walkways and drives. This project provided safety and complete street enhancements along Cockerham Drive.
01/08-06/09	LA 3158 (Airport Road at Old Covington Hwy. Roundabout), Hammond, LA. LADOTD. Project Manager. Developed preliminary and final plans to construct a roundabout at the all-way stop controlled intersection of LA 3158 (Airport Rd.) and Old Covington Hwy. in Hammond, LA. Led a separate project after construction was complete to add landscaping to provide additional visibility of the roundabout.
01/07-04/09	LA 1040 (LA 1040 – US 51) Old Baton Rouge Highway Realignment, Hammond, LA. LADOTD. Project Manager. Developed preliminary and final plans to realign LA 1040 (Old Baton Rouge Highway) in Hammond to provide greater separation of the signalized US 51/US 190 and US 51/LA1040 intersections. The project included subsurface drainage, utility relocations, and partnering with the City of Hammond to acquire the right-of-way. The existing alignment was transferred to the City of Hammond after the project was complete.
01/06-06/10	LA 1032 (US 190 – River Road) Realignment of River Road in Denham Springs, LA. LADOTD. Project Manager. Developed preliminary and final plans to realign LA 1032 (River Road) in Denham Springs to remove a "jog" in the roadway alignment on US 190. The project involved right-of-way acquisition, special design of a reverse crown at the US 190 intersection to minimize drainage impacts, and right-of-way taking to an adjacent business. It also involved working closely with private homeowners impacted by the realignment and transfer of a portion of River Road to the City of Denham Springs after the construction was complete.
01/05-03/07	LA 36/LA 59 (Abita Springs Roundabout). LADOTD. Project Manager. This was the first roundabout constructed in District 62 and only the second one constructed in Louisiana. Mrs. Schilling developed conceptual drawings and presented to the Mayor of Abita Springs and the State Representative for the area for approval. The project involved purchasing a building within the Abita Springs Historic District several public meetings were required. The project involved minimizing impacts to a local park in one quadrant of the intersection, realignment of the Tammany Trace, converting a city street to a one-way street, paving of a gravel city street for maintenance of traffic during construction and realignment of a bank entrance driveway and city street to provide adequate distance from the roundabout. Mrs. Schilling met regularly with the local elected officials and business owners throughout the design of the project to discuss aspects of the project and added numerous improvements to mitigate impacts to the businesses and facilitate the movement of traffic through the area during construction. She also worked closely with FHWA and submitted the project for a FHWA "peer review" to ensure that the roundabout met design criteria used in other states. The project was late used a model in developing DOTD's Context Sensitive Solutions Policy.
01/05-07/06	LA 1019 (LA 64 – LA 16) Safety improvements. LADOTD. Project Manager. This project involved widening and overlay of LA 1019 to improve safety throughout the heavily travelled suburban corridor. Plans included redesign of roadway cross slope and superelevation for numerous curves throughout the project limits, the installation of raised pavement markers along both edges of the pavement for improved nighttime visibility, clearing and grubbing of the tree lines to improve sight distance from the numerous side streets and the addition/modification of the turn lanes at LA 16 while protecting a 100+ year oak tree. The project was the first project in Louisiana to include centerline rumble strips as a countermeasure to reduce head on crashes.

Firm employe	ed by	Bonton Associates						
Name	LaDarien	Beene, PE, PTOE		Years of relevant experience with this employer	1			
Title	Design M	anager		Years of relevant experience with other employer(s)	8			
Degree(s) / Y	/ears / Spec	cialization	BS / 2013 / Civil Engine	ering				
Active registration number / state / expiration date				Professional Engineer No. 45333 / Louisiana / 09/30/2023; Professional Traffic Operations Engineer No. 500062 / 08/03/2024; Traffic Engineering Analysis Process & Report Modules 1-3				
Year registere	red	2021 (PE, PTOE) Discipline	Civil					
Contract role	e(s) / brief a	lescription of responsibilities	Traffic/MOT/TMP Design	n Reviews; Linear Bridge Park Design Reviews.				
PROWAG, MU recommenda	JTCD, LADO ations for p	TD, and MOVEBR guidelines and cor reliminary and final design plans. H	npliance to all design projects e brings a unique understand	asis on road design, traffic analysis, and data collection. I s. He also has extensive knowledge analyzing safety conc ing of LADOTD's processes and procedures from his time and LADOTD Traffic Engineering Process & Report (Modu	ditions to identify safet as an intern and traffic	y countermeasure		
Experience da (mm/yy-mm/		Experience and qualifications rele the years of experience specified		i.e., "designed drainage", "designed girders", "designed int	tersection", etc. Experie	ence dates should cover		
01/2 – Pr	resent	Evangeline St. (West) Area ADA Transition (20-EN-HC-0061), Baton Rouge, LA. City of Baton Rouge. Project Manager. Manage project delivery team to develop design plans (Preliminary and Final) for proposed ADA barrier improvements (sidewalk repair/replacement, curb, and gutter, handicap ramps, crosswalks, etc.), site plan details, special provisions, repair schedule, and cost estimates in support of the MOVEBR Program.						
11/22 - 1	11/23	within the proposed Ardendale de pedestrian connectivity, safety, ar	velopment. The proposed sec d access management. Work	on Rouge, LA. City of Baton Rouge. Project Manager. Ma tion is an urban/walkable two-lane road with pedestrian includes preparing horizontal and vertical geometry, dra work modeling, design surface modeling, quantities, and	n accommodations to ir ninage analysis, drainag	mprove traffic capacity, ge design, design		
08/21 - 0	06/23			, LA. LADOTD. Project Manager. Manage the preparation cement, and installation of ADA facilities in compliance v				
05/21 - (09/22		use path, ADA compliant facil	Rouge, LA. City of Baton Rouge. Project Manager. Mana ities, and striping modifications to increase pedestrian a Program.				
07/21 - (03/22		roposed ADA barrier improver	Rouge, LA. City of Baton Rouge. Project Manager. Managments (sidewalk repair/replacement, curb-gutter, handicant of the MOVEBR Program.				
03/21 -	11/21	design plans (Preliminary and Fin	al) for proposed ADA barrier in	Baton Rouge, LA. City of Baton Rouge. Project Manager. In mprovements (sidewalk repair/replacement, curb-gutter, in support of the MOVEBR Program.				

Firm employe	d by	WSP USA, Inc.						
Name Wesley Weir, PE			Years of relevant experience with this employer	4				
Title	Senior Vi	ce President/Structura	ıl Engineer		Years of relevant experience with other employer(s)	32		
Degree(s) / Years / Specialization BS				BS / 1989 / Civil Enginee	BS / 1989 / Civil Engineering			
Active registra	ation num	ber / state / expiration	date	Professional Engineer N	Professional Engineer No. 35035 / Louisiana / exp. 03/31/2024			
Year registere	ed	2009	Discipline	Civil Engineering				
Contract role((s) / brief c	description of responsi	bilities	Structural Rehabilitation	Design Reviews.			
Was has over	rionoo in	the decign rehabilitati	on increation and	load rating of bridges. He	has been beauty involved with technical climbing and ri	aging of compley hig		



Wes has experience in the design, rehabilitation, inspection, and load rating of bridges. He has been heavily involved with technical climbing and rigging of complex, high level, difficult access bridges, confined space inspections and the inspection of movable bridges. Wes has served as project manager, project engineer, senior structural engineer and resident engineer on numerous design, rehabilitation, and inspection design projects for the firm. Wes has supervised multiple design and inspection teams composed of both in-house personnel and subconsultants and has participated in assignments involving underwater inspection and scour analysis, material sampling and testing, various non-destructive testing and maintenance and protection of traffic. He has also been a design engineer for the rehabilitation of fixed and movable bridges, including steel, concrete, masonry, timber, and cable (cable stay and suspension) structures. His responsibilities have included training personnel, preparation of contract documents, specification, construction cost estimates, rating calculations, condition evaluation and rehabilitation reports.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/20 - 12/21	FCM Bridge Inspection and Load Rating Analysis of Ohio River Crossings. Kentucky Transportation Cabinet. QA/QC Engineer and Team Leader. Wes was the QA/QC engineer and team leader for the 2020 and 2021 fracture critical bridge inspection and load rating of five (5) major Ohio River crossing between Kentucky, Ohio, and Indiana. The five bridges included the historic 2,161' Roebling Suspension Bridge built in 1867; the 3,258' long Carrol Lee Cropper continuous through truss; the 10-span, 5,385' long Irvin Cobb Bridge in Brookport, Indiana; and the 12th and 13th streets through truss bridges (2,277' and 2,314' respectively) in Ashland, KY. The work included NBIS and Element Level, in-depth, fracture critical inspection of these bridges as well as the load rating of the Carroll Lee Cropper bridge utilizing both BrR and MIDAS load rating software. Inspection access include various types of aerial lift equipment, under-bridge cranes, as well as rope access methods utilizing SPRAT Level I, II and III engineers.
05/15 - 09/18	Darby Rail and Swing Bridge Charrette & Final Design, Livorno, Italy. NAVFAC. Task Leader. Wes was task leader for the swing bridge and fixed bridge planning charrette to validate a feasibility study and cost estimate for construction of a munitions railhead at Camp Darby in Livorno, Italy. The charrette findings necessitated significant railhead and movable bridge structure preliminary redesign to address changed conditions and constraints observed during field verification. Task Leader for the final design of a bobtail type steel through truss swing bridge that included steel stringers and floorbeams. The structure required spanning over the Navicelli Canal, with the main span of approximately 36.5 meters (120 feet). The electro-mechanical machinery system was provided to support the swing bridge during operation, rotate the swing span, stabilize the swing span under rail traffic and in the stowed position, and center and align the span
11/17 - 09/18	MCASI, Freedom Bridge Feasibility Study over the Monzen River, Iwakuni, Japan. MCASI. Task Leader. Marine Corps Air Station Iwakuni (MCASI) is undergoing a \$5 billion expansion and redevelopment, increasing the base population from 8,900 to 12,700 by 2019 and a long-term master plan population of over 17,000. In order to ensure the transportation system and utility system is operating efficiently and is consistent with the goals of the on-going Facilities Master Plan Update, developed a warehouse study, transportation plan, and utilities assessment study for the installation. As the Task Leader for the feasibility study of the widening of the Freedom Bridge (Bridge 2300), this structure represents a critical connection between the Monzen District and the rest of the installation and also serves as the connection between the Monzen Gate and the main base. The bridge was identified of having poor bicycle and pedestrian accommodations, with one 1500 mm (4'-11") sidewalk and no bike lanes. The steep slopes to the bridge meant that most cyclists are slow moving and impede traffic. The Freedom Bridge Modification Feasibility Study evaluated the 3 different alternatives to the superstructure and substructure to accommodate improved pedestrian and bicycle facilities while assessing seismic considerations and cost benefit analysis of the alternatives in implementation into the Master Plan.

10/08 - 07/14	Columbus Road Lift Bridge Rehabilitation, Cuyahoga County, Cleveland, Ohio: Project Manager. Wes was the Project Manager and the Designer-of-Record for the preliminary engineering study (PES); rehabilitation and replacement designs; and construction services of the Columbus Road Lift Bridge over the Cuyahoga River located in Cleveland, Ohio. The bridge was originally built in 1940 and was last rehabilitated in 1999. November 9, 2011, Cuyahoga County Department of Public Works awarded the rehabilitation of the Columbus Road Lift Bridge to American Bridge Company of Coraopolis, Pennsylvania for \$30.3M. The funding source of the project is FHWA (80%), City of Cleveland (10%) and Cuyahoga County (10%). Provided construction services that included structural, mechanical, electrical and architectural elements of the bridge as well as the process of float-out / float-in construction methods for the new truss and stowing the bridge in the open position while maintaining river traffic.
01/08 - 08/08	CTL Luling Bridge Inspection, Luling, LA. LADOT. Project Manager. Wes was the Project Manager for the inspection and evaluation of the cable-stayed spans of the Hale Boggs Bridge in Luling, La. The work includes inspection of the main cable-stayed bridge structure and tower supports, evaluation, and report for the Louisiana Department of Transportation and Development working as a subconsultant to the CTLGroup. The Hale Boggs Bridge, originally constructed in 1983, is an 11,248 feet long structure carrying four lanes of I-310 over the Mississippi River. Work includes the main span superstructure bridge deck that includes twin trapezoidal box girders supported by cables. The bridge will be accessed through the use of a snooper, rigging, and ladders. The Scope-of-Services includes three tasks, as follows: (1) mobilization and data collection; (2) bridge inspection, including hands-on inspection of the main span bridge superstructure between Pier 1S and Pier 1N which consists of twin trapezoidal steel box girders and the main span towers above the water-line; (3) evaluation and report, identifying the condition ratings of the various deck components and superstructure elements, and providing recommendations for necessary repairs and/or maintenance activities.
09/07 - 08/08	I-94 WB Bridge over St. Croix River, Hudson, WI. Wisconsin Department of Transportation. Project Manager. Wes was the Project Manager for the evaluation of the I-94 Westbound Bridge over the St. Croix River in Hudson, Wis., following a recent deck replacement. The bridge is 2,375 feet long and consists of steel plate girders ranging in depth from 10 feet to 17 feet. There are six lines of girders with 96 field splices and 6,024 bolt locations. Numerous bolts, nuts and/or washers were found to be missing, damaged, loose or otherwise out-of-spec. The scope of the project entailed a complete inspection and structural condition assessment of the top flange splices, evaluation of the safety and serviceability of the splices, development and design of needed structural retrofits/repairs. Wes presented a technical seminar of this project. The course material included the technical approach for the evaluation of the top flange splice, load rating and professional opinion of responsibility.
08/07 - 12/07	I-35W Bridge Collapse over Mississippi River, Minneapolis, MN. Deputy Project Manager. Wes was deputy project manager and the lead investigator for the company in the forensic investigation to the collapse of the I-35W Bridge over the Mississippi River in Minneapolis, Minn. Wes's responsibilities included the inspection and forensic evaluation of the bridge immediately after the collapse, directing and overseeing the removal operations of the collapsed truss span, and the re-constructing portions of the main truss spans in a lay down yard for further evaluation.

Firm employed by	WSP USA, Inc.							
Name Llo	yd (Mark) Pearson, PE			Years of relevant experience with this employer	3			
Title Sup	pervising Civil Engineer			Years of relevant experience with other employer(s)	42			
Degree(s) / Years	/ Specialization		MCE / 1979 / Structural E	Engineering; BSCE / 1977 / Civil Engineering				
Active registration	number / state / expiration	date	Professional Engineer N	o. 39629 / Louisiana / exp. 9/30/2023				
Year registered	2015	Discipline	Civil Engineering					
	brief description of responsi		Structural Rehabilitation					
variety of bridge a 40+ year caree	eplacement, inspection, loa . He is currently project mar	d rating, remediation nager for post-tensi	in or rehabilitation tasks i oned spliced girder bridgi	d project manager. He has functioned as task lead, eng n Alabama, Mississippi, North Carolina, South Carolina, e in Mississippi replacing steel through-trusses and rec bridge load ratings in SC and TX (using AASHTOware) a	Florida, Georgia, Tenr ently the project mai	nessee and Virginia over nager for a cable-stay		
Experience dates (mm/yy-mm/yy)	Experience and qual	ifications relevant t	o the proposed contract; i	i.e., "designed drainage", "designed girders", "designed in	tersection", etc.			
7/2018 – 12/20	of the load capacity instrumenting the bi models to increase a	Bridge Inspection and Load Rating, South Carolina. SCDOT. Performed Load ratings for this contract, which consisted of bridge inspection and determination of the load capacity ratings for 2,604 structures in SC within 3 years. All load ratings were completed with BrR. In addition, assisted with 160 load tests, involving instrumenting the bridges with strain gauges and driving known loads across the bridge. The results of the test were utilized to create corrected effective structural models to increase and remove load postings from bridges across the state. These results were extrapolated out, to not only remove postings on the bridges tested, but also on similar bridges in SCDOT's inventory. WSP efforts saved the State tens of millions of dollars						
05/17 - 03/19	foot span bridge and	d a five @ 100-foot s	pan bridge utilizing prest	eek, in Calhoun County. City of Oxford, AL. Engineer-oressed concrete bulb-tees as sub to the prime design fings reviewed by ALDOT on behalf of the Town of Oxford are	rm, GMC, Inc. Work in	cluded checking designs		
05/16 - 07/18	bridge replacement	project with Catego ot, two-span precas	orical Exclusion (CE), surv t cored slab bridge replac	R 1427), City of Raleigh Public Works, North Carolina eys, hydraulic (FEMA) modeling, utility design/coordina cement. Work included checking the plans and calculati	ition and permitting.	Engineer-of Record for		
02/09 - 7/14	Mark was responsibl pedestrian bridges. F	e for the final struct Roles included prep	ure designs for 20 bridges aring preliminary designs,	ward County, Florida. Florida DOT - District 4. Bridge De in the design-build phase of a P3 toll project. Designs ind directly supervising and checking final plans and calcula ase engineering support services. Bridges included curve	cluded 15 highway bri ations, writing special	dges and five bicycle and provisions, preparing		
02/13 - 12/13	Structures Task Ma shaft piers, steel pile	nager and Engine abutment foundat	er-of-Record for a new for ions, temporary tie-back s	uthern, Structure Design, Morrisville, Wake County, bour-span, curved, ballast deck railroad bridge over Morr soldier pile shoring wall and steel plate girders and rolle esign, writing special provisions and preparing estimate	risville Parkway. Struc ed beams. Roles inclu	cture featured drilled uded preliminary design,		
05/01 - 02/0	Lead Structural Rev new location (I-520) a	iew Engineer for pr around North August	e-bid, bid and construction a, SC and crossing the Sava	t Engineering Services for Prebid, Bid and Construction phase owner engineering support services for 16 bridges annah River into Augusta, GA. Bridges were constructed over a plans, construction submittals and RFIs, and support for F	and 6-mile interstate d er river, wetlands, railr	connector highway on roads, highways and		

Firm empl	loyed by	WSP USA, Inc.					
Name	Raghu S	Surapaneni, PE			Years of relevant experience with this employer	3	A TOTAL TOTAL
Title	Bridge Ir	nspection Team Leader			Years of relevant experience with other employer(s)	27	
Degree(s)) / Years / Spe	cialization		MSE / 1994 / Transporta	tion; ME / 1991 / Structures; BE / 1989 / Civil Engineering		
Active reg	gistration num	nber / state / expiration o	date	Professional Engineer N	o. 38403 / Louisiana / exp. 3/31/2024		
Year regis	stered	2013	Discipline	Civil Engineering			
Contract r	role(s) / brief	description of responsib	ilities	Structural Rehabilitation	n Design Reviews.		
Fracture C Training, 2	Critical Inspec 2018 (NHI 1300 try Training, 2	ction Techniques for Ste 1953); FHWA Bridge Inspe 1921; AWS Certified Weld	el Bridges, 2002 (I ection Nondestruc ing Inspection Se	NHI 130078); FHWA Stream ttive Evaluation Seminar - minar, 2015; OSHA 30 Hou	VA Introduction to Safety Inspection of In-Service Bridge Stability and Scour at Highway Bridges, 2008 (NHI 1350 BINS, 2015 (NHI 130099A); FHWA Bridge Management Transcription Safety Training, 2021	46); FHWA Bridge Inspaining Inspection Sess	pection Refresher sion, 1998; Confined
(mm/yy-n							
01/15	5 - 09/16	In-Depth Inspection of Complex Bridges, LA. LADOTD. Project Manager and the Team Leader for the inspection of two cantilever truss bridges: I-10 Calcasieu River Bridge in Lake Charles, LA and I-10 Mississippi River in Baton Rouge, LA and one cable stayed bridge, John James Audubon Bridge. Planned, scheduled and performed in-depth inspections on truss bridges and approach spans of cable stayed bridge. Managed sub-consultants and vendors. Lead four inspection teams in inspecting approach and main spans of truss bridges. Prepared in-depth inspection reports for two truss bridges. Inspection equipment used include man lifts, snoopers and bucket trucks.					
06/14	4 - 12/14				Engineer for the preliminary and final design of six miles gned deck, superstructure and the substructure elemen		
2013	3 - 2015	7 miles, 40-ft wide, tw lane interchanges an	vo-lane elevated h d connector road: lge) over Bayou La	ighway south of Leeville E s north and south of the L afourche. Structures includ	ection Team Leader for the inspection of Phase 1A: Four Bridge to LA 3090 in Port Fourchon; Phase 1B: Leeville Br eeville Bridge; and Phase 1C: Leeville Bridge Replacemer de simple and multiple span, multi-beam, prestressed co	dge Approaches and it - Two-lane, fixed-sp	Connector - Two- an, high-level bridge
02/2	21 - 03/21	of this two-pylon cab concrete edge girder	le-stayed structur s and post-tension	e supporting one main sp ned concrete floorbeams.	GDOT. Team Leader for the in-depth inspection. Perform ans and two back spans (total length 2,500 feet) with a Thirty-four approach spans consist of ten prestressed or report detailing the findings of the inspections.	posttensioned concre	te deck supported by
03/202	21 - 12/2021	is planning, schedulii	ng and performing	g annual inspection of GVI	ler. Mr. Surapaneni is the Team Leader for the inspectio R and GNRR bridges. Inspection of deck including rails and ts in GIS Cloud with element level condition rating and re	nd ties; superstructure	e and substructure

of reports.

10/16 - 03/20	Statewide Bridge Inspection Services, NC. NCDOT. Raghu served as Lead Bridge Inspection Team Leader for the Bridge Safety Inspection Program for NCDOT statewide bridge inspection services. He prepared the estimate, scheduled inspections and coordinated with vendors and the NCDOT. Reviewed previous inspection reports to establish Work Zone Traffic Control (WZTC), access needs, and developed WZTC schedules for bridge inspection. Performed inspections using WIGINS computer program, issued Critical Findings and Priority Maintenance reports to the state as and when needed. He also performed quality control review of bridge inspection reports prepared by other teams. Inspected about 450 structures including simple and multiple span, multi-beam, thru-girder, steel pipe, and concrete box culverts, as well as concrete slab bridges. Responsible for use of access equipment including snoopers or Under Bridge Inspection Units (UBIU), Van lift, hydra platform and railroad flagmen, etc.				
2012 - 2014	Lead Bridge Inspection Team Leader for NBI Inspection of Westbound and Eastbound bridges of US 84 over the Mississippi River in Natchez, MS (2 Cycles). MDOT. Westbound bridge is a 4,205 feet long cantilevered Warren through truss bridge and the Eastbound bridge is 4,202 feet long Continuous Steel Truss through deck bridge. Inspected truss and approach spans using man lifts, snooper and bucket truck. Prepared inspection reports including conclusions and repair recommendations.				
07/18 - 12/22	Bridge Inspection and Load Rating, South Carolina. SCDOT. Performed inspections and Load ratings for this contract, which consisted of bridge inspection determination of the load capacity ratings for 2,604 structures in SC within 3 years. All load ratings were completed with BrR. In addition, assisted with 160 load involving instrumenting the bridges with strain gauges and driving known loads across the bridge. The results of the test were utilized to create corrected effect structural models to increase and remove load postings from bridges across the state. These results were extrapolated out, to not only remove postings on the bridges tested, but also on similar bridges in SCDOT's inventory. WSP efforts saved the State tens of millions of dollars.				

Firm employe	red by	Michael Baker Interna	ational				
Name	Brandon	Pitre, PE			Years of relevant experience with this employer	3	
Title	Transport	tation Engineer			Years of relevant experience with other employer(s)	7	
Degree(s) / Years / Specialization				MSCE/2012/Civil Engineering; BSCE/2010/Civil Engineering			
Active registration number / state / expiration date			date	Professional Engineer No. 40975/Louisiana/exp. 03/31/2023; Traffic Control Technician/ LA State Specific / 04/2026; Traffic Control Supervisor / LA State Specific / 04/2026; Certified Flagger / 1/2024 Traffic Engineering Analysis Process & Report Modules 1-3			
Year register	ar registered 2016; 2018; 2020 Discipline		Civil Engineering				
Contract role	Contract role(s) / brief description of responsibilities			Traffic/MOT/TMP Design Reviews.			
Brandon is a transportation engineer with experience in conceptual and geometric design for a variety of roadway projects. He has worked in the public sector at LADOTD in the Construction and Road Design Sections before working as an engineering consultant. His professional experience as a transportation engineer includes roadway geometric design and plan development primarily using Bentley MicroStation and InRoads, quantity take-off calculations of construction items used to develop cost estimates, stormwater drainage analysis and design, technical report writing, and compilation of construction specifications.							
Experience of (mm/yy-mm)		Experience and qual the years of experier	lifications relevant t nce specified in the	o the proposed contract; i. applicable MPR(s).	e., "designed drainage", "designed girders", "designed im	tersection", etc. Experi	ience dates should cover
11/21 - Or	ngoing	US 371: KCS RR Overpasses HBI, Webster Parish, Louisiana. DOTD. Transportation Engineer/Project Manager. Serving as Project Manager and Roadway Design Lead for the project who will oversee the delivery of the Preliminary and Final roadway and bridge design plans. The project consists of the design and replacement of three bridges which cross over a KCS railroad line at two different locations in Webster Parish (Sibley and Minden). The new bridges will be concrete girder-type and includes widening the two existing bridges in Minden to accommodate an additional travel lane for each bridge. A detour bridge will also be included for the Sibley location. Strict adherence to the KCS railroad design guidelines as well as adequate coordination with KCS will have to be maintained during all phases of design.					
08/22 - 0	Ongoing	Barksdale AFB Entrance Road and Gate Complex, Design-Build, Bossier Parish, Louisiana. Naval Facilities Engineering Command (NAVFAC). Transportation Engineer. Responsible for the roadway design and construction plan development of this project. The project consists of the design and construction of an extension of an existing state-owned highway, LA 1267, along with a new multi-lane roundabout. The new roadway will be a 4-lane divided highway entrance into the Barksdale AFB. Mr. Pitre is mainly responsible for the development of the 3D roadway design model for the project as well as overseeing the delivery of the construction plans.					
06/18 –	- 12/19	US 90 Ramps at LA 88 Roundabouts, New Iberia, Louisiana / Highway Safety Design Retainer. Texas DOT. Lead Roadway Designer. Served as lead Roadway Design Engineer for this project whose scope consisted of converting the eastbound and westbound U.S. 90 ramp terminals into two multilane roundabouts, along with making improvements to the existing drainage network (sub-surface and open ditch) to increase hydraulic capacity. Since the local project representatives expressed concerns for design solutions aimed at reducing flooding during intense rain events, many of the existing cross drains, side drains, and existing roadside ditches needed to be upsized. Other safety measures were implemented in this project by the following measures: safety end treatments on culvert ends adjacent to LA 88, guard rail improvements based on the latest DOTD design standards, flexible traffic delineators separating lanes of opposing traffic flow, and two U-turns (bulbouts) added along LA 88 on each side of U.S. 90. Responsible for roadway design and construction plan production, completing the 100% Preliminary Plans based on comments from the client at the Plan-In-Hand meeting. This involved resolution of all the client's comments from the 100% Preliminary Plans submittal which involved items such as: modifying the typical pavement sections and details, adjusting the roadside ditch geometry, revising the construction sequencing layout, modifying the drainage design, and creating the permanent signing and pavement marking layout sheets. Responsible for developing and delivering the 100% Final Plans as the Engineer of Record which involved determining the required quantities of the required construction items and developing the accompanying construction cost estimate. Other work for this project included creating the existing and proposed drainage maps, hydraulics calculations utilizing DOTD's HYDRWIN program and preparation of the hydraulics report.					

12/17 - 07/18	U.S. 190B at Jefferson Avenue Roundabout Design for Highway Safety Design Retainer, Covington, Louisiana. DOTD. Roadway Design Engineer. Responsible for design and construction plan production for this project, whose scope consisted of converting a four-way intersection into a single-lane roundabout in downtown Covington in an area of narrow right-of-way limits. Responsible for completing 100% Preliminary Plans based on comments from the client (DOTD) at the Plan-In-Hand meeting. This involved making several changes to the plans such as: revisions to the typical pavement section and details, plan and profile sheets, and construction sequencing sheets. Responsible for developing the 60% Final Plans which involved resolution of all the client's comments from the 100% Preliminary Plan submittal, determining the required construction items, and developing the accompanying construction cost estimate. Other work included hydraulics calculations utilizing DOTD's HYDRWIN drainage program and preparation of the hydraulics report. During the 60% Final Plans development stage, this project was halted by DOTD based on the significant real estate cost for acquisition of an adjacent property (gas station on intersection corner).			
04/22 – Ongoing	LA 30: EBR P/L – I-10, Iberville and Ascension Parishes, Louisiana. DOTD. Transportation Engineer/Project Manager. Serving as the Project Manager of and Lead Roadway Engineer for the project. The project is an environmental assessment (EA) which consists of widening approximately 14 miles of LA 30 from two lanes to at least four lanes. Responsible for generating the roadway line-and-grade diagrams to evaluate the reasonable alternatives based on the traffic analysis and recommended improvements to the major intersections along the project limits.			
06/22 – Ongoing	NORG – Avondale PEL Study, Jefferson Parish, Louisiana. DOTD. Transportation Engineer. As part of this environmental study to remove and replace four atgrade railroad crossings, Mr. Pitre is responsible for evaluating feasible alternatives for new overpass bridge structures at suitable locations for the proposed railroad crossings, while adhering to LADOTD, Jefferson Parish, and the railroad's design requirements as well as local property constraints. Other responsibilities include development of the typical roadway and bridge sections, horizontal alignments and vertical alignments / profiles, cost estimates for each alternative, as well as ensuring that the proposed geometry will be able to accommodate the turning movements of trucks on some of the proposed routes.			
01/21 - 01/23	Rental Car Lot Improvements - Phase 1. Lake Charles Regional Airport. Project Manager. Provided design and construction administrative services for a parking lot improvement project which including expanding the existing rental car parking lot, drainage improvements, signing and striping, and upgraded access control with the installation of traffic gate operators. Project was designed and constructed in accordance with DOTD specifications			

Firm employe	red by	Wi-Skies, LLC								
Name	Joseph I	Marsh, PE			Years of relevant experience with this employer	8				
Title	Principal	Electrical Engineer			Years of relevant experience with other employer(s)	11				
Degree(s) / \	Degree(s) / Years / Specialization BS / 2001 / Electri				d Computer Engineering					
Active regist	tration num	ber / state / expiration	date		rofessional Engineer No. 36940 / Louisiana / exp. 09/30/2022; Traffic Control Technician/ LA State Decific / 03/2025; Certified Flagger / 3/2025					
Year register	Year registered 2012 Discipline Electrical and Computer Engineer									
Contract role	le(s) / brief d	description of responsi	bilities	Electrical Design Review	VS.					
construction	n experienc	ectrical Design Lead for e, often on the owner-or rseen several large-sc	operator side. He c	oncurrently serves as the	ing, ITS and traffic signal components. Joe has 19 years (roadway lighting subject matter expert to multiple DOTs	of roadway lighting an s and has in-depth ele	nd ITS design and ctrical construction			
Experience of (mm/yy-mm)					.e., "designed drainage", "designed girders", "designed int	ersection", etc. Experie	ence dates should cover			
08/20 - 0	the years of experience specified in the applicable MPR(s). 1-285 at 1-20 West Interchange Lighting. GDOT. Electrical Engineer. As part of GDOT's Major Mobility Investment Program (MMIP), the existing I-285 interchange with I-20 on the west side of the loop is being reconstructed to improve traffic flow throughout the interchange as well as adjacent interchanges. These improvements include increased entrance and exit ramps for all interchanges as well as the main interchange itself, some of which include eliminating weaving areas and replacing them with dedicated throughway tunnels. Joe's role in this project is to serve as the GDOT Project Manager Operator for all lighting components throughout the project from planning through construction. The Phase 1 study included developing a conceptual lighting layout for the entire project, which consist mostly of high mast lighting throughout the interchange, as well as other areas that have conventional lighting and delving into whether expanding the lighting limit is warranted, based on sub-standard conditions, crash data or other conditions. There are also twenty-four underpass structures which he evaluated for potential daytime lighting within as well. Joe developed a lighting report which accompanied this conceptual lighting design, including photometric calculations, cost estimates as well as any potential conflicts or obstacles the design-build team may encounter during final design and construction. This information became part of the contract documents of which any perspective bidders must be compliant with. Joe will remain in charge of approving all lighting plans during final design, as well as final approval of all construction documents.									
03/19 -	· 01/22	Pensacola Bay Bridg pull boxes throughou also create the need cables would be dan manufacturer and af accepted after he pr	e in which Joe prov ut the bridge which for splice points w naged by the long o ter witnessing the ovided a signed an	vided a third party opinion would be exposed to the hich would break down or cable pulls, which were so cables being pulled and to d stamped letter stating th	eer. Construction issues arose during the construction of non behalf of the design-build team to supersede the design-build team to supersede the design-build team to supersede the designents. Seeing that these junction boxes would creat ver time due to the exposure to high heat, humidity and commetimes in excess of 2800. After reviewing all of the intested via HiPot test, Joe's recommendation was to remove the revisions and testing were acceptable. He also proviesign mounted the lights too far away to be effective an	esign engineers recom ate not only a construc air salinity. The conce formation provided by ve the pull boxes, whic ided an alternative ligh	mendation of installing etion issue but would ern was that the v the contractor and ch was ultimately nting design to the			

09/12 – Ongoing	Lighting Design-on-Request Services. GDOT. Electrical Engineer. Joe operates as an extension of GDOT staff as an in-house consultant to the GDOT Lighting Group for the past eight years. He assists the Lighting Group with many of GDOT's daily short-term and long-term initiatives as GDOT's lighting expert. He frequently makes decisions regarding Roadway Lighting on their behalf. He is often at the GDOT headquarters providing lighting engineering review and comments of other company's projects in Roadway Lighting and develops construction and engineering estimates for projects to be programmed, often provided directly to the Chief Engineer. He is responsible for the maintenance of the GDOT lighting and electrical specification and pay item revisions and developed the original LED specification currently used by the State. Joe is also responsible for the development and maintenance of their roadway lighting standard drawings, including those for a dozen MASH compliant wall light pole foundations, among others. As part of this contract, Joe routinely oversees all elements of construction in stand-alone lighting projects.
12/19 – Ongoing	I-26 Widening Between MM 85-101. SCD0T. Project Manager. Sixteen miles of I-26 are being expanded to accommodate an additional lane in each direction from mile post 85 to 101 north of Columbia, South Carolina. As part of the project, two interchanges are being revised which include full lighting design which Wi-Skies is responsible for designing. Additionally, Wi-Skies will design and implement a new state of the art Weigh-In-Motion (WIM) system in the northbound direction. Joe is responsible for all lighting design, including photometric and voltage drop calculations, plan development, cost estimates and specifications. He is also responsible for the WIM design, implementation and verification

Firm emp	loyed by	Wi-Skies, LLC						
Name	John Fa	Icone			Years of relevant experience with this employer 1			
Title	Lead Fie	ld Engineer			Years of relevant experience with other employer(s)	25		
Degree(s) / Years / Spe	ecialization		N/A				
Active reg	gistration nun	nber / state / expiratio	n date	N/A				
Year regis	stered	N/A	Discipline	N/A				
Contract role(s) / brief description of responsibilities Electrical Desig					vs - On-Site Technical Advisor.			
As a man	ager at a mai	or construction comp	any with over 25 vea	ers of ITS, tolling and elect	rical construction that joined Wi-Skies over a year ago. Jo	hn will serve as the Lea		



As a manager at a major construction company with over 25 years of ITS, tolling and electrical construction that joined Wi-Skies over a year ago, John will serve as the Lead Field Engineer for this project. John's unmatched construction experience on the design side consistently proves invaluable during many design-build efforts Wi-Skies is routinely involved in. He will be able to assist in the field on a regular basis and will be able to assist both the design and construction processes.

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Light Pole Inspection and Electrical Deficiencies. City of Sunny Isles Beach, FL. Field Engineer. Wi-Skies was brought in to inspect approximately 130 decorative teardrop light poles installed along Collins Ave (A1A), which were recently installed as part of an FDOT project. Unfortunately, much of the electrical work done by

08/22 - 10/22

teardrop light poles installed along Collins Ave (A1A), which were recently installed as part of an FDOT project. Unfortunately, much of the electrical work done by the contractor was not installed per FDOT specifications or the plans, and the Construction Engineering Inspection (CEI) group did not catch the mistakes. This oversight resulted in the failure of all the lights within months of being turned over to the City. Most of these issues were related to the fact that the contractor did not use outdoor-rated cabling throughout the project and, instead, utilized indoor-rated transformers to power festoon outlets near the top of the pole. Our primary responsibility was to inspect the lighting system and identify the critical issues for a different contractor to provide an expedited repair. The contractor also drilled holes in the light poles for externally mounted transformers near the pole base, which put the structural integrity of the poles at risk, especially given the 150 MPH wind zone requirement of the poles in the area. After working with the pole manufacturer, however, it was determined that the holes did not impact the structural integrity, and the warranty was still valid. Providing documentation for potential litigation is one of our secondary functions on this project. John provided the physical inspection of many of the light poles and adjoining handholes and provided documentation of the shortcomings found within the installations. He was also an essential contributor to the report which was delivered to the City.

09/04 - 01/22

Project and Maintenance Manager for Aldridge Electric Contractors. Illinois Tollway. Project Manager - Tolling and ITS. John was responsible for project management of all tolling and ITS projects on the Illinois Tollway for Aldridge Electric in the Chicagoland area. He provided input to the estimating department on all tolling and ITS bids. Upon project award, John was responsible for creating the Work Breakdown Structure (WBS), Contract Abstract, Job Hazard Analysis, Work Plans and the Job Safety Plan. He was also responsible for tracking/reporting project status through JPAC (Job Productivity Assurance and Control) and SIS (Short Interval Scheduling). He presented the weekly JPAC tracking report to the construction manager and executives. John procured all material, labor, and equipment for every job on a-daily-basis as well as agreeing to all daily and monthly quantities with the resident engineer. John also negotiated monthly pay estimates with the resident engineer. Additionally, John was the manager of a large-scale complex tolling system for ISTHA, consisting of 2.2MM + transactions daily, 650+ lanes of tolling equipment, 850+ computers (Linux and Windows) 100+ plazas (mainlines and ramps) and 280+ miles of roadway. John was responsible for all daily maintenance to meet customer demands, installation of all new lanes and plazas, quotes, and budgets for new projects, RRP proposals, managing multiple vendors and suppliers, customer technical support, employee performance metrics and training, fleet vehicle maintenance, team building, safety, and daily customer interaction. John managed a crew of 24 field technicians, 5 field supervisors, an installation coordinator, a warehouse manager and an administrator.

Firm employed	d by	Terracon Consultants,	, Inc.					
Name	Lynne Rou	ıssel McMillen, PE			Years of relevant experience with this employer	17.5		
Title	Office Man	ager / Authorized Pro	ject Reviewer (APF	R)	Years of relevant experience with other employer(s)	17.5	1-2	
Degree(s) / Yea	ears / Specia	alization		MS / 2005 / Geotechnica	al Engineering; BS / 2003 / Civil Engineering			
Active registrat	ation numbe	er / state / expiration	date	Professional Engineer N	o. 35152 / Louisiana / exp. 03/31/2024			
Year registered	d	2009	Discipline	Civil				
Contract role(s	s) / brief de	escription of responsib	bilities	Geotechnical Design Re	views.			
ment analysis, pressure analy	s, deep foun yses for Ho	idations analysis, pav	rement design, slop rilling (HDD) projec	e stability analysis, and la ts, seepage analyses and	ering analyses using in-house computer resources as wateral loading of deep foundations. Ms. Roussel also perfo Method of Planes slope stability. Her software experienc	ormed analyses for th	ne USACE for limiting	
Experience dat (mm/yy-mm/y)		Experience and qualithe years of experien			e., "designed drainage", "designed girders", "designed inte	rsection", etc. Experi	ence dates should cover	
05/17 - Ong	going	along Coach William to bring the area to f under the weight of t there were no record	s Road from Old Sp inished grade, up to the fill in the area. T Is of the backfilling	anish Trail to Houston Riv o 4 feet of fill was required he alignment of the new I	ce Jury. Project Manager. Managed geotechnical investier Road in Westlake. The Coach Williams project had sev. I. Ms. Roussel performed settlement calculations to deteroadway was in an old borrow pit or pond. Some areas of e area of the backfilled and compared density information.	eral unusual design of mine how much sett of the pond were previ	considerations. In order tlement would occur iously backfilled but	
07/16 - 07					ter Contract No. 4400006191, LA. LADOTD. Contract Manand engineering. The contract value is \$4 Million.	nager and Project F	Reviewer. Oversaw the	
05/18 - 11/	1/20	H.005967: Nelson Road Extension and Bridge, Lake Charles, LA. LADOTD. Project Manager. Managed the subsurface evaluation and geotechnical engineering design for the Nelson Road Extension and Bridge Project. Terracon completed the subsurface exploration including water borings in Contraband Bayou and provided 90% design of the substructure for the bridge over Contraband Bayou. Terracon performed settlement analysis for the planned embankment approaches. The scope also included design support for impact dolphins to be constructed in front of the bridge in the Bayou to protect the bridge superstructure from impact of possible runaway ocean-going ships from the nearby Port of Lake Charles facility.						
07/18 – 12	2/18	H.009481 LA 20 Bay	ou Chevreuil Brid	ge, St. James Parish, LA.	LADOTD. Project Manager. Managed the subsurface eva	luation and lab testi	ng.	
01/10 - 03	3/12	Canal in West Baton borings and Cone Pe	Rouge Parish, Loui netrometer Test (C	siana. The project consist PT) probes associated wit	ect Manager. Managed the design of a new connector bed of a bridge over the Intracoastal Canal, a flyover connector be the bridges and roadway were completed. All calculations or embankments. Pile capacities were also provided	ector to LA1 and asso ons were consistent	ociated roadway. Soil with DOTD pavement	

Firm employ	yed by	Michael Baker Interna	ational						
Name	TJ Hollida	y, PWS			Years of relevant experience with this employer	14			
Title	Environm	ental Planning Manager			Years of relevant experience with other employer(s)	11			
Degree(s) /	/ Years / Spec	cialization		BS, 1998, Biology, Delta S	State University				
Active regis	stration num	ber / state / expiration	date	Professional Wetland So	ofessional Wetland Scientist, No. 2447 / exp 04/07/2024				
Year registe	ered	2014	Discipline	N/A	'A				
Contract rol	le(s) / brief d	description of responsit	bilities	Environmental Design R	leviews.				
responsibili Bridge), cul mapping ar	lities have ind Itural resourd nd aerial pho	cluded studies for wet ces, hazardous materia oto interpretation, docu	lands, floodplains, vals, noise and air qualment preparation,	water quality, coastal reso uality, and community imp public outreach, agency o	ronmental assessment and other issues related to the Naturces, threatened and endangered species (such as the pacts. His primary project duties have included project mocoordination, and regulatory permitting and compliance	e barn swallows that nest nanagement, data collect	t in the Jimmie Davis tion and analyses,		
Experience (mm/yy-mr		Experience and qualithe years of experien			i.e., "designed drainage", "designed girders", "designed inte	ersection", etc. Experienc	e dates should cover		
02/13	- 10/13	New Orleans Rail Gateway Environmental Impact Statement, Jefferson and Orleans Parishes, LA. LADOTD. Environmental Specialist. Conducted field studies and documented findings for wetlands and hazardous materials. Assisted with preliminary engineering and NEPA/environmental studies for at-grade highway-rail							
Barksdale AFB Entrance Roads, Bossier Parish, LA. DOTD District 04. Environmental Lead. Responsible for the development of construction plans entrance roads for Barksdale AFB. The project includes a new roundabout at the Air Force Base gates along with new 4-lane divided highway to tie in LA 1267 highway constructed by DOTD under the I-20/I-220 Design Build interchange improvements. Additional responsibilities include coordination voluments. I-20/I-220 Project Manager and Design Build Owner Verification Managers along with overseeing new roadway design that meets DOTD Design requirements. Reprovements and Design Build Owner Verification Managers along with overseeing new roadway design that meets DOTD Design requirements. Project includes the new LA 1267 spur of the I-20/I-220 interchange. Project includes the						tie into the new tion with the DOTD equirements. The			

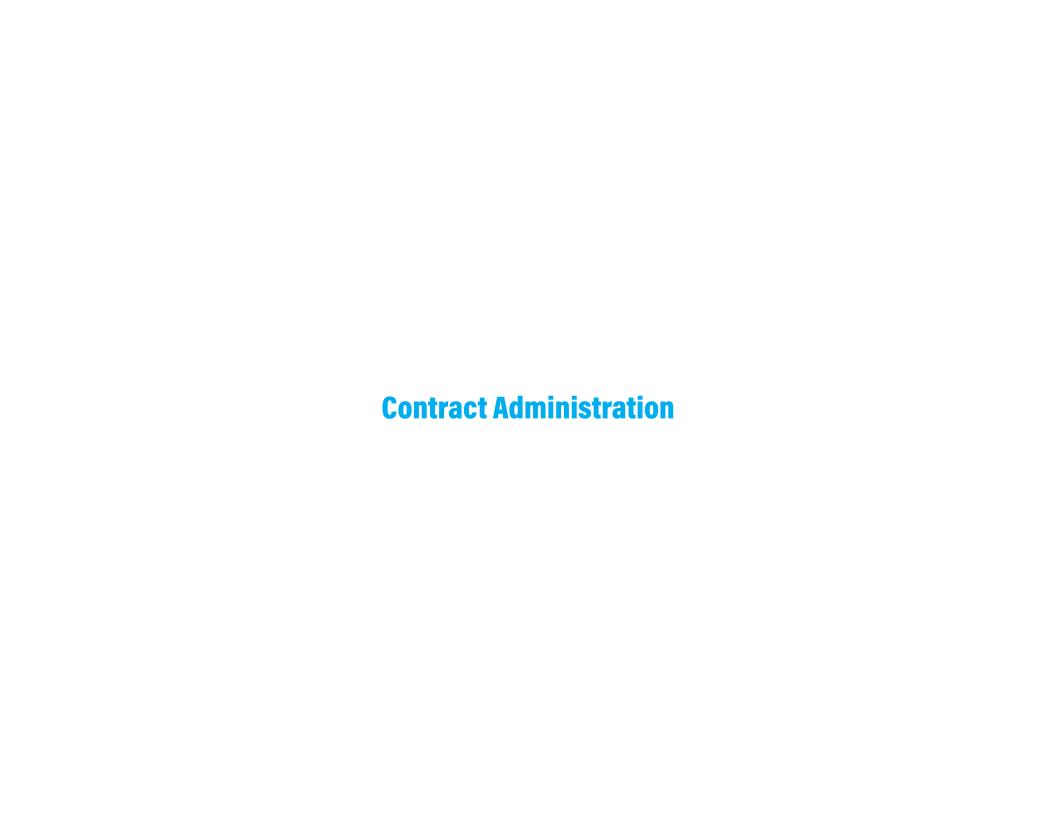
street lighting in accordance with DOTD lighting guidelines. Additional responsibility is the coordination with DOTD for a project permit with District 04.

roadway along with railroad on the west side of LA 30 from Brightside Intersection to just south of East Iberville High School.

LA 30: EBR PL – I-10, East Baton Rouge, Iberville, and Ascension Parishes, LA. DOTD Headquarters. Environmental Specialist. Responsible for the Environmental Assessment (EA) of the widening of LA 30 from a 2-lane roadway to 4-lane roadway. Project limits is roughly 14 miles from the East Baton Rouge/Iberville Parish line to the terminus at I-10 interchange. Project is currently in Part 1 of the EA which main focus on traffic count/study/analysis along with some early environmental field screening, initial geometric improvements at existing 5 intersections, SUE services, and development of existing hydraulic flows for existing 6 bridge/culvert

structures. Additional responsibilities include oversight of existing alignments along with existing right-of-way lines. Additional coordination required is with DOTD new Mississippi River Bridge Environmental on-going project. Addition 7 miles of project has recently been added to the project to include LA 30 from Brightside/ Lee Drive Intersection to the East Baton Rouge/Iberville Parish line. Project challenges are the number of industrial pipelines that parallel LA 30 on both sides of the

04/22 - Ongoing



Firm employe	ed by	Michael Baker International						
Name	Belinda E	Bondy			Years of relevant experience with this employer	20		
Title	Documen	cument Control Specialist			Years of relevant experience with other employer(s)	28		
Degree(s) / Y	Degree(s) / Years / Specialization			N/A				
Active registr	ration numl	ber / state / expiration	date	N/A			6 6 6	
Year registere	ed	N/A	Discipline	N/A				
Contract role	(s) / brief d	lescription of responsi	bilities	Document Control; Partr	nering.			
					ction projects such as the I-2 project in Texas, the \$400 ger data for DOTD projects.	Million John James	Audubon Bridge project,	
Experience do (mm/yy-mm/		Experience and qual the years of experier			e., "designed drainage", "designed girders", "designed in	tersection", etc. Exp	erience dates should cover	
04/11 - 0	04/12	procedures being util Project consist of the	lized for the preparat widening the mainli	ion of close-out paperwork ne of I-10 from four lanes to	inistrative Assistant. Traveled to field office to perform an to be submitted to the client at project completion. Focus v six lanes, including signage and median barrier, for approx dening project - SP# 450-10-0108) and proceeding eastware	was placed on the ma kimately three miles b	aterial test documentation. beginning just East of the	
11/10 - 0)4/12	Office Engineer Tech progress of project (Quarterly performed	nnician for the LTM ((% complete and % I audits of documen	Construction Department (time) and tracking all cha t control and concurrence	Bridge, Point Coupee and West Feliciana Parishes, duties included but were not limited to: approval and prange orders. Assisted with the hiring, orientation, and tree with company policies and procedures. Michael Bakeroon Bridge over the Mississippi River.	rocessing of all part aining of field office	tial pay estimates, tracking e Administrative Assistant.	
03/19 - 0	04/20	I-210 Prien Lake Su SiteManager and Ma		Replacement, Statewid	le, Louisiana. LADOTD. QA/QC. Responsibilities include	d QA tracking of all	sample data input into	
01/03 - (01/13	with creation of the Li spreadsheets, staffing set up office and docu estimates in SiteMana closeouts, performed	TM Construction Mar g tasks, supervise cle ument control filing s ager, tracked and pro I final audits for all pr	nual that would be utilized be prical assistant and courier system, traveled to field offic poessed change orders in S oject segments when com	ninistrative Assistant/Deputy Director of Construction, by all construction staff personnel for this project, tracked profession of Construction Department, organized meetings for DD, to see to perform bi-annual document control audits, assisted iteManager and entered test data into MATT (DOTD's Mater pleted, then generated and processed the final estimate for hich consisted of 40 road and 2 major bridge projects (\$2.3)	project segments by or raveled to six field off I the AA on a daily ba ials Program). Assiste r each project segme	creating and maintaining fices and assist AA with asis, processed partial pay ed field offices with project ent. LTM's contract with DOTD	
08/19 - Or	ngoing	I-2/I-69 Design-Build Project, Edinburg, TX. Texas DOT. Documentation Coordinator. Responsible for the processing and tracking all submittals from Michael Baker's Design Team to Dragados-Pulice Joint Venture, capturing all design documentation for this project and uploading to ProjectWise for permanent retention. Captured all documentation and monitoring of Teams, OneNote, ProjectWise.						
02/13 - 0	08/18	included the oversed the SharePoint datal and certificates; leve	eing the entering, c base. All data was ir el 3 inspections; lev	hecking and submitting o nput on a daily basis for u rel 1 and 2 analysis graphs	ide, Louisiana. LADOTD. Database Administrator. As I f all OV test data results, level 3 visual inspections and I p to date reporting of all parties. Additionally, quarterly s; lists of deficiencies, engineering judgments, and NCR concurrence with project compliance with the approved	Non-Conformance R pulled together all ('s with their status;	Reports (NCR's) into (QA, OV and IA) tests	

Firm employ	yed by	Michael Baker International						
Name	Elizabetl	n Boone			Years of relevant experience with this employer	17		
Title	Administ	Administrative Assistant			Years of relevant experience with other employer(s)	5	1000	
Degree(s) /	' Years / Spec	cialization		Coursework, Secretarial,	Business Application and Technology, Louisiana State U	Jniversity at Eunice		
Active regist	stration num	ber / state / expiration	date	N/A				
Year register	ered	N/A	Discipline	N/A				
Contract role	le(s) / brief d	lescription of responsi	bilities	Field Administration				
multiple con mates, input expirations, Experience of	ncurrent full atting and tra preparing a dates	-service CE&I task ord acking material tests a gendas and taking ma Experience and qual	ers, and full-service nd certifications int eeting minutes, dist ifications relevant to	e CE&I Design-Build Task (to SiteManager Materials a ributing RFC plans/ appro to the proposed contract; i.	manager on an IDIQ Staff Augmentation Task Order, as worders. She is experienced in AASHTOWare, Content Manand LAPAVE, securing EEO documentation, tracking equived Field Changes/ NCR responses, filing engineering re., "designed drainage", "designed girders", "designed into	nager, developing Sitel ipment calibration and eports and assemblin	Manager partial esti- d employee certification g 2059 documentation.	
03/19 -	the years of experience specified in the applicable MPR(s). IDIQ Contract for CE&I with Majority of Work in District 07, Statewide, LA. DOTD. Office Manager. H.010916.6 Task Order 1: Prien Lake Re-Deck & Safety Improvements, Calcasieu Parish, Louisiana. Under this Staff Augmentation task order, Ms. Boone performed all office manager duties at the on-site field office. Duties included: AASHTOWare verification of payroll, developing SiteManager partial estimates, inpurand tracking material tests and certifications into SiteManager Materials, securing EEO documentation, taking meeting minutes, filing engineering reports and assembling 2059 documentation, and queue detection monitoring, etc. H.012018 Task Order 2: Adaptive Traffic Signal Design and Implementation, Lafayette Parish, Louisiana. As part of a full service CE&I task order, Ms. Boone is responsible for Field Office Management. Responsible for all administrative services remotely including verifying Certified Payroll in AASHTOWare, labor and EEO interviews are accurate and complete; filing inspection and engineering reports; clerical support such as preparation of partial estimates using SiteManager, verifying CP-1A and CUF completion, distribution of Change Orders, estimates, and RFI responses, and other field related documentation; and other support services for field office and staff including communications systems, printing services, mailing, and purchasing.					rtial estimates, inputting ring reports and c order, Ms. Boone Ware, labor and using SiteManager, ther support services		
10/12 -	H.003046: I-10 Widening, Siegen to Highland, Design-Build Owner Verification, LA. DOTD. Administrative Assistant. Assisted with administrative services includir audit of project related documents (material and testing result, final pay documents, buy America certs, material certs, EEO documents), clerical support, communicatio systems, printing services, mailing, purchasing, and other support services for I-10 Design-Build Project, in Baton Rouge, LA. Responsible for assembling all project final closeout documentation including Form 2059 for final submittal. Produced reports including SiteManager Daily Work Reports and Daily Dairies. Assisted with documentation from the Design-Builder, the contractor and our Document Control Administrative Assistant. Worked directly with the contractor's staff with Certified Payroll, generating partial pay estimates, verifying CP-1A and CUF completion, wage rate interviews, and other field related documentation.						pport, communications abling all project s. Assisted with	
05/10 -	- 08/13	administrative service engineering reports,	ces for the Broussaı ; clerical support su	rd field office including ve ich as preparation of parti	Placement, CE&I, Route I-210, Calcasieu Parish, LA. <i>D</i> rifying Certified Payroll, Labor and EEO interviews are at all estimates using SiteManager, and record documental transport of the part of t	ccurate and complete;	; filing inspection and	

700-99-0266: TIMED Program, East Baton Rouge Parish, LA. DOTD. Administrative Assistant. Responsible for administrative services including clerical support,

communications systems, printing services, mailing, purchasing, and other support services for Louisiana TIMED Managers' Oberlin Area Office.

07/03 - 02/14

office and staff including communications systems, printing services, mailing, and purchasing.

03/20 - Ongoing	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I) District 61, 62, and 02. DOTD. Office Manager. As part of multiple full service CE&I Task Orders, Ms. Boone is responsible for Office Management. Responsible for all administrative services remotely including verifying Certified Payroll in AASHTOWare, labor and EEO interviews are accurate and complete; filing inspection and engineering reports; clerical support such as preparation of partial estimates using SiteManager, preparing preconstruction meeting agenda and taking meeting minutes, verifying CP-1A and CUF completion, distribution of Change Orders, estimates, and RFI responses and other field related documentation; and other support services for field office and staff including communications systems, printing services, mailing, and purchasing. H.013271.6 Task Order 1: Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish, Louisiana. The project consists of upgrading signage, refreshing pavement markings, and installation of solar powered flashing beacons, on various local roads in Tangipahoa Parish. Est completion Feb 2022. H.013532.6: Task Order 2: Denham Springs Rd Signing & Striping, Livingston Parish, Louisiana. The project consisted of upgrading signage, refreshing pavement markings, closure of two (2) boulevard median turn areas, and related work on various local roads. Project complete. H.012473.6: Task Order 3: Marconi Dr Shared-Use Path, Orleans Parish, Louisiana. The project consisted of clearing and grubbing, installing a 10-foot wide shared-use path and raised composite wood boardwalk and all associated striping and signage within New Orleans City Park from Zachary Taylor Drive to Harrison Avenue. Project complete, Hurricane Ida repairs in progress. H.009308.6: Task Order 4: New Orleans DPW SRTS Sidewalk Project, Orleans Parish, Louisiana. The project is part of the "Safe Routes to School" program, involving safety upgrades to five schools in the Orleans Parish area. Components of the safety
00/14 00/10	with CPVC pipe, backfill and sidewalks with ADA compliant ramps. Project is complete. IDIQ Retainer Contract for Design-Build Support Services, Statewide, LA. DOTD. Administrative Assistant and Office Manager. This retainer is to assist the LADOTD Project Manager in engineering, administrative, and related services for statewide Design-Build projects. Task Order 2: CQAP Sharepoint Database, LADOTD. As Administrative Assistant, provided SharePoint website developer material data entry forms that were then created and formatted, including formulas according to each material test report (TR) method. Verified that both the function and formulas performed as required in the newly developed forms.
02/14 - 06/18	H.010620 Task Order 3: US 90 (I-49 South), Albertson's Parkway to Ambassador Caffery, Design-Build Owner Verification, Lafayette Parish, Louisiana. As Office Manager, responsible for all administrative services for the Broussard field office including verifying Certified Payroll, Labor and EEO interviews are accurate and complete; filing inspection and engineering reports; clerical support such as preparation of partial estimates using SiteManager, and record documentation; and other support services for field office and staff including taking meeting minutes, distributing RFC plans/ approved Field Changes/ NCR responses communications systems, printing services, mailing, and purchasing.
07/03 - 02/14	H.002877: US 90 Interchange at LA 85 Design-Build Owner Verification, Iberia Parish, Louisiana. LADOTD. Office Manager. Responsible for administrative services verifying Certified Payroll, Labor and EEO interviews are accurate and complete; filing inspection and engineering reports; clerical support such as preparation of partial estimates using SiteManager, and record documentation; and other support services for field office and staff including communications systems, printing services, mailing, and purchasing. Performed quality verification review of Design-Builder's final closeout documentation including Form 2059 for final submittal. She also has knowledge of LADOTD SiteManager to produce reports including Daily Work Reports and Daily Dairies.



Firm employ	yed by	Michael Baker Interna	ational						
Name	David Da	uzat			Years of relevant experience with this employer	12			
Title	Senior In:	spector			Years of relevant experience with other employer(s)	30			
Degree(s) / 1	Years / Spec	cialization		AB, 1997, Business Admir	nistration, Louisiana State University and A&M College				
Active registration number / state / expiration date			date	12/17/2025; Certified Flag	Traffic Control Technician/ LA State Specific / 12/17/2025; Traffic Control Supervisor / LA State Specific / 2/17/2025; Certified Flagger / 10/25/2026; LADOTD Asphalt Concrete Paving Inspector / exp. 11/07/2027; LADOTD Structural Concrete Inspector / 03/18/2024				
Year register	ered	2008	Discipline	N/A					
Contract role	le(s) / brief a	lescription of responsi	bilities	Lead Bridge Inspector.					
inspection e out Louisian on steel gird control insp	experience on a, including der splicing, bections in h	on DOTD Design-Build of dozens of DBB project drilled shafts, mechar igh-ADT urban areas, a	projects and 40 year ts. He is intimately nical splice coupler and large crane pic	ars of experience providing familiar with inspections s, Crosshole Sonic Testing ks for bridge deck section		nsportation infrastructu bearings, Rotational Ca ng, lead abatement, perf	re projects through- pacity Testing of bolts orming daily traffic		
Experience of (mm/yy-mm		Experience and qualithe years of experien	ifications relevant to see specified in the	o the proposed contract; i. applicable MPR(s).	e., "designed drainage", "designed girders", "designed int	ersection", etc. Experien	ce dates should cover		
02/13 -	- 06/18	structural OV inspecti a congested space, c reinforcing steel, dry- to procedures outline	ion and testing on th ast-in-place pier col run depth checks a d in the CQMP. Docu	ne structures over the BNSF umns and caps, PCC and s and concrete placement test umented daily project activi	lor Caffery, DB Owner Verification, Lafayette Parish, Lo Railroad from pile driving up through multistaged and sk teel girder placement, concrete riser preparation and bear ting; and multiphased Traffic Control. Inspections included ity in SiteManager and provided Progress Check Points to bement of bridge structures over the BNSF Railroad and a r	ewed deck placement, in ing pad placement; Stay- verifying the QA/QC oper Project Engineer for payn	cluding: driving pile in in-Place deck forms, rations according nent. The project		
03/19 -	- 12/19	Responsible for lead structural constructi	abatement contair on inspection inclution into SiteManag	ment for steel girders tha ding form and rebar place	Safety Improvements in Calcasieu Parish, Louisian at were sand blasted and painted including cross frame ement, dry-run depth checks, deck pour operation inspersand payment of completed pay items in new HeadLigh	and splice plate repair. I ection and testing, secur	_ead inspector for ing, and inputting		
03/20 - 0	Ongoing	H.003184.6: District 07 Task Order 03, I-10 Widening TX Line – E of Coone Gully, Calcasieu Parish, Louisiana. DOTD. Lead Structural Inspector. Supplemented DOTD's staff. Responsible for pile driving inspection and concrete pile cap installations, sampling and testing materials, inputting material samples into SiteManager Materials, completing a daily diary on contractors activities within SiteManager utilizing a tablet equipped with the Headlight System. Scope of the project is widening I-10 from four to six lanes and all associated activities from the Texas border to just east of Coone Gulley.							
06/08 -	- 12/09	span and approache testing on 8' diamete testing of form, reba girder placement inc placement, post tens	es. Responsible for (er drilled shafts inc r and concrete plac cluding rotational c sioned connections	Owner Verification inspect uding: CSL and O-Cell tes ement on pier columns an apacity testing of splice p and subsequent latex m	er Verification. DOTD. Senior Construction Inspector/ tion on currently the longest cable stay bridge in the We ting; depth checks; steel, anchor bolt, mechanical splic nd caps that included mass concrete sections, and HLM lates, location on bearings, and end cap painting; verific odified concrete overlay testing; and inspection and tes d Traffic Control on east entrance of the project.	estern Hemisphere. Verif e and concrete placeme IR pot bearing placemen cation inspection of the	ied inspection and nt; inspection/ it; inspection of steel precast bridge deck		

Firm employ	yed by	Michael Baker Interna	ational						
Name	Terry Bu	tler			Years of relevant experience with this employer	20			
Title	Senior In	nspector			Years of relevant experience with other employer(s)	9	Jan .		
Degree(s) / Y	Years / Spec	cialization		N/A	/A				
Active regist	tration num	ber / state / expiration	date	11/12/2025; Certified Flag	n/ LA State Specific / 11/12/2025; Traffic Control Superv Jger / 03/12/2026; LADOTD Asphalt Concrete Plant Insp Je Paving Inspector / exp. 12/03/2026		2		
Year register	red	2010 / 2008 / 2008	Discipline	N/A					
Contract role	le(s) / brief d	description of responsi	bilities	Lead Roadway Inspecto	r.				
with nearly 2	20 years de	dicated to asphalt pav	ing and plant work	ign-Build project and has and PCC Paving work. As the utmost professionali	full understanding of OV requirements. He is Michael a construction inspector, he brings the skills, experie sm.	Baker's in-house roadway nce, and knowledge need	y inspection expert, led to ensure that the		
Experience of (mm/yy-mm		Experience and qualithe years of experien			e., "designed drainage", "designed girders", "designed in	ntersection", etc. Experier	nce dates should cover		
08/19 -	02/22	administration and C off the existing asphaneeded. Handicap a	CE&I services typically alt, patching base focessible curb ram	ally performed by the DOT ailures, and overlaying wi	sh, Louisiana. DOTD. Lead Inspector. Michael Baker is D Project Engineer and his staff, including but not limi th new asphalt. In addition, adjacent sidewalks are rep treet crossings. Work is completed for the municipality	ted to, rehabilitation of the placed with ADA compliar	e roadway by milling nt sidewalks where		
02/13 -	- 06/18	Design-Builder's QA of the structures ove placement for footin depth acceptance, a	Firm. Responsible f er BNSF Railroad. Ac gs/columns/caps/c nd concrete placer	or inspection and accepta ceptance Inspection and leck; concrete riser eleva nent. Responsibilities also	rador Caffery, Design-Build Owner Verification, LA. ance testing of the new bridge structures over Albertson Testing according to the CQAP and CQMP on: pile drivition and bearing placement; precast girder and steel of included all asphalt plant inspection and testing. Mar Final Audit closeout for the QA documents.	on Parkway and the repla ing; form, reinforcement, jirder placement, superst	cement and widening and concrete ructure SIP survey,		
03/09 -	H.003046: I-10 Widening, Siegan to Highland, Design-Build Owner Verification. DOTD. OV Inspector. Responsible for OV inspection and testing of Wards Creek and KCS bridges including substructure and superstructure. Inspected the strengthening of existing deck overhangs in order to support mi-jack straddle crane erection of steel girders on the median portion of KCS bridge over the railroad. In addition, he assisted in the verification inspection and testing of stone and soil cement base course, PCC paving, and served as the project Radiation Safety Officer. Responsible for recording contractor activity, labor and weather in a Daily Diary in SiteManager; providing Project Engineer with complete list of Progress Check Points for partial estimate payment; and logging/tracking of testing frequency for both sampling plan frequency validation and to notify DOTD of required Independent Assurance testing needs.								
07/10 -	- 08/11	H.002877: US 90 Interchange at LA 85 Design-Build Owner Verification, Iberia Parish, Louisiana. DOTD. OV Inspector. Responsible for OV asphalt plant and asphalt paving inspection and testing, and he assisted in the verification inspection and testing of stone and soil cement base course, PCC paving and structural concrete verification testing. Used SiteManager Daily Diary to track contractor activity, labor, and weather and providing Progress Check Points that are completed for pay.							
05/05 -	- 08/12	the segment project	s included in the TI	MED Program. Michael Ba	siana. DOTD. Responsible for Asphalt Plant Inspection ker served as a member of the Louisiana TIMED Mana gram which consisted of 40 road and 3 major bridge	gers (LTM) joint-venture to			

Firm employe	ed by	GOTECH, Inc.							
Name	John Poc	he			Years of relevant experience with this employe	er	8		
Title	Certified	Inspector			Years of relevant experience with other emplo	yer(s)	39		
Degree(s) / Y	Years / Spec	cialization		N/A					
Active registration number / state / expiration date			n date	Flagger / exp. 01/20/202 exp. 03/2027; PCC Pavin	Traffic Control Technician / exp. 04/06/2025; Traffic Control Supervisor / exp. 04/08/2025; Certified Flagger / exp. 01/20/2025; Asphalt Concrete Plant / exp. 03/2026; Asphalt Concrete Paving / exp. 03/2027; PCC Paving / exp. 11/2027; Structural Concrete / exp. 12/2027; Authorized Profilograph Evaluator; Concrete Field Tester				
Year registere	red	N/A	Discipline	N/A					
Contract role	e(s) / brief d	lescription of responsi	ibilities	Certified Inspector.					
		GOTECH is Field Inspec ess and quality of wo		ude direct responsibility f	or monitoring, documenting and recording con	struction c	ontractor quality cor	ntrol of materials and	
Experience d (mm/yy-mm/		Experience and qualithe years of experien	lifications relevant to nce specified in the	o the proposed contract; i applicable MPR(s).	e., "designed drainage", "designed girders", "des	signed inter	section", etc. Experie	ence dates should cover	
07/20 – P	1DIQ Contract for CE&I for Safety Projects Statewide with a Majority of work in Districts 02, 61, and 62,Task Order: H.013271 Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish, LA. LADOTD. Lead Inspector. As Lead Inspector, Mr. Poche is responsible for inspection and materials sampling and testiper the approved sampling plan, including signing, thermoplastic striping, and solar flashing beacons. He is the on-site point of contact between the contractor Project Engineer. He is responsible for identifying field discrepancies, completing daily diaries in SiteManager, entering material sample information into SiteManager, and assuring the project is built in accordance with approved plans, special provisions and standard specifications. Mr. Poche is obtaining all project material documentation for 2059 throughout the duration of the project so as to meet the 30-day submission requirement.					ampling and testing en the contractor and nation into SiteManager			
03/12-Pr	resent	for the Construction	Inspection Program	n for Baton Rouge's Sanita	ram Inspection. East Baton Rouge Parish, LA. S ary Sewer Overflow (SSO) Program. Mr. Poche o stations, sewer, forcemains, and gravity sewer I	coordinated			
05/18-Pr	resent	inspector services f rehabilitation const of partial and final e	or the Road Overlay ruction services for estimated and plan o	and Repair project. GOTE the City of Baton Rouge fo	ion Supervision and Inspection. City of Baton CH, Inc. provided Construction Inspectors and or over 20 years. Duties included setting up and nice to plans and specifications and the perform of streets/roads.	a Chief Ins _l d maintaini	pector to perform ins ing a project records	spection of street s system, production	
02/09-0	08/12	I-12 Widening Design/Build O'Neal Lane to Denham Springs - SPN: 454-01-0047 & 454-02-0025. LADOTD. Senior Inspector. Mr. Poche was assigned to the GOTECH QA/QC team as a senior inspector. GOTECH provided construction inspection monitoring the construction of the roadway bridges and overpasses. The I-12 widening project consisted of expanding the interstate roadway to three travel lanes in each direction for a distance of approximately nine miles. The project extended from the O'Neal Lane intersection in EBRP to the Denham Springs exit in Livingston Parish.							
02/06-0	08/11	inspector performin being conducted as the Mississippi Rive	ng QA/QC inspection s a design/build proj r north of Baton Rou	services for the Mississip ect for the Louisiana Dep ige. It replaces a centurio	A. LADOTD. Senior Construction Inspector. Mr opi River Bridge Design and Build project locate artment of Transportation and Development. The as-old ferry route that links Pointe Coupee Paris wided engineering design of the approach road	ed in St. Fra he bridge w sh and Wes	ncisville. The Audub vill be a cable-stayed t Feliciana Parish. A	oon Bridge project is d structure that crosses t a length of 1,583 feet,	

Firm emplo	oyed by	Richard C. Lambert C	Consultants, LLC							
Name	Mike Bro	own *			Years of relevant experience with this employer	2				
Title	DOTD Ce	rtified Field Inspector	(Inspector - Lead) (* - Part-Time)	Years of relevant experience with other employer(s)	44				
Degree(s)	/ Years / Spe	ecialization		N/A						
Active regi	istration num	nber / state / expiration	date	05/2025; Certified Flagg	Traffic Control Technician/ LA State Specific / 05/2025; Traffic Control Supervisor / LA State Specific / 05/2025; Certified Flagger / 06/2025; Asphalt Concrete Paving / 11/2023; PCC Paving / 03/2026; Embankment and Base Course / 03/2027; Authorized Density Tester / N/A; Authorized Field Tester / N/A					
Year regist	Year registered N/A Discipline			N/A						
Contract ro	ole(s) / brief	description of responsi	bilities	Certified Inspector.						
Mr. Brown	has active D	OTD Certifications in E	mbankment and l	Base Course Inspector/Tech	nnician, Asphalt Paving Inspector/Technician, and PCC Pa	ving Inspector.				
	Experience dates (mm/yy-mm/yy) Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).									
03/21 -	- Current	SPN: H.00781, H.000710, H.002273, AND H.001352: Comite Diversion Canal CE&I And Utility Relocation Routes: US61, LA964, LA19, and LA67. East Baton Rouge Parish. Construction Observer. Mr Brown was construction observer for the utility relocation and construction of a Bridge at LA 964, Bridge at LA 19, and Bridge at LA 67 at the Comite River Diversion Canal to periodically monitor the construction of the Bridge at US 61 and the Geaux Rail Bridge. Project includes monitoring of the construction new separate permanent highway bridges including approaches; temporary highway bypass roads (on grade); shoo-fly (on grade) and rail bridge and several utility relocations.								
02/06	6 - 11/07	for the project to im center turn lane. Re striping. Responsibi	prove Perkins Roa sponsible for prov lities included ove	nd from an existing two land iding inspection on concre	n Lane). East Baton Rouge Parish. LeadCertified Inspecte asphalt roadway with turns lanes to a concrete roadway to paving, sidewalks, embankment and base course, substitute and recorded pay quantities, prepared and product Headquarters.	y with two lanes in e surface drainage, dr	each direction and a iveways, and permanent			
2	014	I-10 Widening (I-10 Split-Highland), SPN 450-10-0159, East Baton Rouge Parish. Lead DOTD Certified Inspector. For the inspection of the embankment and base course on the \$86.2 million I-10 widening project from the I-10/I-12 split to Siegen Lane, Mr. Brown served as lead certified inspector. Provided additional concrete paving inspection for I-10 mainline and ramp paving operations. Project consisted of widening I-10, drainage improvements, on and off ramps, bridge construction, major interchange improvements, and permanent striping of I-10.								
LA 427: Ascension Parish Line – LA 42, SPN H.010534. East Baton Rouge & Ascension Parishes. Lead Certified Inspersion of the improvements made to LA 427 consisting of embankment and base course, asphalt paving, asphalt patching, long drainage, guardrail installation, mailboxes, superelevation corrections/adjustments made with asphalt, and replacement overall inspection of project, measured and recording pay quantities, prepared and processing all contractor pay estimated by the contractor pay estimated by						itudinal profile adjus of driveways. Respo	stments, subsurface onsibilities included			

Firm emp	loyed by	Richard C. Lambert C	onsultants, LLC							
Name	Shawn E	Bosarge			Years of relevant experience with this employer	3				
Title	DOTD Ce	rtified Field Inspector (Inspector - Certi	fied)	Years of relevant experience with other employer(s)	10				
Degree(s)) / Years / Spe	cialization		N/A						
Active registration number / state / expiration date					an / LA State Specific / 05/2024; Traffic Control Superviso ger / 04/2024; Embankment and Base Course Inspector / 8/2024					
Year regis	Year registered N/A Discipline N/A									
Contract r	role(s) / brief (description of responsi	bilities	Certified Inspector.						
Mr. Bosar	ge has active	DOTD Certifications in	Embankment an	d Base Course and Structu	ral Paving Inspector.					
	Experience dates (mm/yy-mm/yy) Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).									
04/19	– Ongoing	H.0110276 & H011794: New Orleans Airport Connector Road Segments A & B. Construction Observer. Mr. Bosarge was construction observer for a new four-lane median divided roadway with sound walls for the northern airport right-of-way property line to the southern right-of-way line of Veterans Memorial Blvd. and generally within the Aberdeen Street Corridor (Segment A). Addition of a left-turn lane and upgrade traffic signals at the intersection of Loyola Drive and Veteran Blvd. as well as, the addition of a left-turn lane at the intersection of I-10 and Loyola Drive (Segment B). Related work for both projects include sidewalks, drives, curbing, barrier rail, roadway widening, surcharge, detours, signage, striping, box culvert bridge, tree removal / clearing & grubbing, drainage, and utility relocation.								
05/19	- Ongoing	deteriorated bridges	along W. Esplan	ade @ Duncan Canal from	uction Observer. Mr. Bosarge was construction observe Rue Chardonnay to Arkansas Avenue. Double box culver be of work are several utility relocations – 36" and 16" wat	ts 14' x 8' and double b	ox culverts 38' x 13' are			
03/21	- Ongoing	project consisting of projects are being fu	being used to replace the existing bridges. Included in the scope of work are several utility relocations – 36" and 16" water lines and sewer force main relocations. SPN: H.013897: College Drive Flyover Ramp I-10/I-12 West. East Baton Rouge Parish. Construction Observer. Mr. Bosarge was construction observer for the project consisting of modifying the I-10 West/College Drive exit into separate I-12 West and I-10 West exits. This project and three other significant infrastructure projects are being funded through the state's first issuance of GARVEE bonds, which are special bonds that are repaid using federal funds allocated to Louisiana. RCLC will provide Construction Engineering & Inspection services as part of this Design-Build/Owner Verification project.							
08/16	6 - 04/19	The North Terminal	Louis Armstror	ng Airport. Structural Con	crete QC Inspector.					
05/0	9 - 05/10	I-10 Twin Span. Con	crete Materials	Testing.						
2010	0 - 2013	Lake Ponchartrain & Vicinity Levee Projects (LPV-109, LPV-145, LPV-146, LPV-149, GIWW WCC): Embankment Density Testing (Nuclear Sand Cone). Concret Materials Testing.								
	0 - 2013	St. Bernard Roadway Restoration: Base Course Testing and Inspection. Concrete Materials Testing and Inspection.								

Firm employ	yed by	Richard C. Lambert	t Consultants, LLC					
Name	Felix Lec	huga			Years of relevant experience with this employer	2		
Title	DOTD Cer	tified Field Inspector (Inspector - Certified)			Years of relevant experience with other employer(s)	6		
Degree(s) /	Years / Spec	cialization		N/A			101	
Active regis	stration numl	ber / state / expiration	on date		n / LA State Specific / 05/2025; Traffic Control Supervisor er / 04/2025; Structural Concrete Inspector / 08/2024	/ LA State Specific /		
Year registe	ered	N/A	Discipline	N/A				
Contract rol	le(s) / brief d	escription of respon	nsibilities	Certified Inspector.				
Mr. Lechuga	a has an acti	ve DOTD certificatio	on in Structural Concr	rete.				
	Experience dates (mm/yy-mm/yy) Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).							
2021 - (Current	State Contract No. 4400018899: LA 23: Belle Chasse Bridge And Tunnel (Hbi) Improvements. As a sub-consultant, RCLC will be responsible for providing Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of 0&M plans.						
2019 - (Current				Crochet Ditch. Construction Observer for drainage in ructures, concrete roadway pavement, and associated st		Mounes Street	
2016 - (Current	FEMA Funded Recovery Roads Program - Lakeview North Group C. CE&I for remediation of damage caused from debris removal operations due to Hurricane Katrina. Project involves site investigation to determine pavement replacement areas which are the direct result of street inundation or from the secondary effects of debris removal and utility and drainage work.						
10/20 -	- 03/21	I-10/Loyola Interchange Improvement (H.011670). DOTD Certified Structural Concrete Inspector on this Design-Build project, which will modify existing Loyola Ave ramps and will add two elevated flyover ramps connecting to the airport connector road. Ensuring contractors' compliance to project specifications and plans in the construction of multiple footings/columns along with the erecting of steel and concrete girders.						
03/15 -	- 07/16	Macarthur Interchange Completion - Phase 1B (H.009933). Lead technician performing all materials testing including Concrete Testing, Compaction Testing through Nuclear Densities, Mass Concrete Monitoring, Estimating Concrete Strength by the Maturity Method.						

WSP IISA Inc

Firm employed by

Firm employ	yea by	WSP USA, Inc.					
Name	Casey Ho	ward, PE			Years of relevant experience with this employer	10	100
Title	Senior Bri	idge Engineer			Years of relevant experience with other employer(s)	0	
Degree(s) /	egree(s) / Years / Specialization			BS / 2013 / Civil Enginee	ring		
Active regist	Active registration number / state / expiration date			Professional Engineer N	o. 42913 / Louisiana / exp. 03/31/2023		AT AT
Year register	ered	2018	Discipline	Civil Engineering			
Contract role	le(s) / brief d	escription of responsi	bilities	Coatings Rehabilitation.			
II General Ex 134029); FHV 2016 (NHI 13	xam, 2015; F WA Introduc 30110); Confir	racture-Ćritical Inspec tion to Element Level	ction Techniques for Bridge Inspection, 2 ing, 2017; American	Steel Bridges, 2016 (NHI 1 2014; SPRAT Level I Rope A Red Cross Adult First Aid/	A Prerequisite, 2013 (NHI 130101A;) ASNT Ultrasonic Testir (30078); Bridge Coatings Level 1, 2014 (BCC 12219); FH (access Technician, 2015; SPRAT Level II Rope Access Tech (CPR/AED; Bridge Inspection Refresher Training, 2018 (NH	WA Bridge Maintenan hnician, 2017; FHWA Tu	ice Training, 2013 (NHI unnel Safety Inspection
Experience (mm/yy-mm		Experience and qual the years of experier			e., "designed drainage", "designed girders", "designed inte	ersection", etc. Experi	ence dates should cove
07/18 -	- 12/22	and Project Enginee in accordance with Ratings, Labeling Di- gauges and driving postings from bridge	er for the site assess the SCDOT Load Rat agrams and Record known loads across es across the state.	ment and load ratings of oing Guidance Document (Drawings and NBI Data (the bridge. The results of	eputy Project Manager and Project Engineer. Mr. How over 2604 bridges and culverts in districts 2 and 7. The lo LRGD). Tasks under this contract included Bridge data a Correction. In addition, assisted with 160 load tests, invol of the test were utilized to create corrected effective struc- colated out, to not only remove postings on the bridges t	oad capacity ratings a and plan collection, Sit Iving instrumenting th ctural models to increa	are being performed te Assessments, Load ne bridges with strain ase and remove load
03/16 -	- 2021	and NDT Inspector fo truss pins. Casey als	or the inspection of so performed UT on	the numerous bridges thr a weld of an access hatch	TxDOT. Bridge Inspection Team Leader and NDT Technory oughout the state of Texas. Under this contract, Mr. How non a steel arch as part of a crack assessment during that Testing and Magnetic-Particle Testing to document su	vard has performed ov ne fracture critical ins	ver 125 UT inspections of the Margaret

Additional NDT techniques have included Ultrasonic Testing of truss pins on multiple bridges across the state.

fracture critical inspections. Bridges have ranged from off-system low ADT structures to signature bridges, often requiring the use of technical climbing and rope access techniques. Non-destructive testing was performed on fatigue prone details, primarily to determine limits of fatigue cracks found in fracture critical members.

Routine Bridge Inspections, Statewide, Texas. TxDOT. Team Leader. Mr. Howard was team leader for hundreds of on/off-system routine bridge inspections throughout Texas. Work included creating and reviewing inspection reports within InspectTech, creating and submitting critical findings, and performing initial bridge

08/17 - Ongoing

inventory inspections.

06/16 - Ongoing	Engineering Services for Cable-Stayed Structures, Georgia. GDOT. Bridge Inspection Team Leader and Structural Enigneer. This task-order basis contract has included a special member inspection of the Sidney Lanier Bridge (2016) to evaluate exposed strands with various degrees of corrosion present, in-depth NBI and emergency post-hurricane inspection of the Talmadge Memorial Bridge (2017 and 2020) and the rehabilitation of the dampening system for the cable stays, and two ongoing rehabilitation design contracts for the Sidney Lanier Bridge. The first rehabilitation project for the Sidney Lanier Bridge primarily addressed deficiencies associated with excessive cable vibration, including repairs to cable-stays with breached protective sheathing and corroded strands. The second rehabilitation project includes the installation of external dampers at all 176 stays. The Talmadge Memorial Bridge consists of prestressed, post-tensioned continuous approach spans and a cable-stayed main span, traversing a total length of approximately 7,570 feet. The Sidney Lanier Bridge consists of a two-pylon cable-stayed structure supporting a main river span and two back spans (total length of 2,500 feet) with a post-tensioned concrete deck supported by concrete edge girders and post-tensioned concrete floorbeams. Thirty-four approach spans consist of ten prestressed or post-tensioned concrete beams for a total bridge length of 7,780 feet.
06/17 - 01/18	St. Croix Bridge Inspection, Minnesota & Wisconsin. MnDOT. Team Leader. Mr. Howard was team leader for the initial element level inspection of the St. Croix River Crossing extradosed cable-stayed bridge. A baseline inspection was performed, providing the client with accurate and repeatable reporting of deficiencies. Due to geometric constraints, and to minimize impact to ongoing construction activities, rope access was utilized to inspect several complex bridge elements, including the pylons and below deck stay cable anchorages. The 5,279-ft-long bridge opened to traffic in 2017 and contains 10 main-river crossing extradosed cable-supported spans and continuous post-tensioned precast and cast-in-place box girder approach spans.
2012 - Ongoing	NBIS Bridge Inspection and Repair. NCDOT. Team Leader and QC Manager. Mr. Howard has been involved with the NCDOT bridge inspection program for 9 years. He has performed field inspections, analysis and ratings; evaluated the physical condition; and recommended preservation and maintenance needs. Casey has also led the design for numerous bridge repair and preservation projects under this contract including: hydro-demolition and latex-modified concrete overlays, joint replacement, beam end repairs, timber and concrete pile repairs, galvanic protection of prestressed girders, cathodic and sacrificial anode protection of bent caps, bearing replacement and prestressed pile jacketing with sacrificial anodes. To date he has completed over 1000 load ratings utilizing, Mathcad, Excel and BrR; and 2,000 inspections, including many of the state's longest structures, segmental boxes, and fracture critical trusses.
04/16 - 02/18	Bridge Maintenance and Preservation, City of Raleigh, North Carolina. City of Raleigh, NC. Deputy Project Manager. Mr. Howard served as the Deputy Project Manager and Team Leader for a bridge maintenance and preservation contract for the City of Raleigh. His duties for this included: detailed deck inspections and chloride sampling, repair prioritization, preparing bid documents and repair details and specifications. Mr. Howard assisted the City in developing an asset management program to better identify the most economical and efficient places to spend maintenance dollars. This program focuses on maintaining the City's bridges in good condition while minimizing lifecycle costs and maximizing their potential to receive federal funding for replacement.
2018 - Ongoing	Structure Inspection and Repair, Charlotte, North Carolina. Charlotte Douglas International Airport. Team Leader. As Team Leader, Mr. Howard assisted with the NBIS inspection for 7 landside and 4 airside bridges. These inspections have included hundreds of feet of retaining walls, tunnels, and several structures on active runways. This work consisted of complex traffic control in order to safely redirect the high pedestrian/ vehicular traffic at the airport. Under this contract we have performed field inspection, traffic control, load rating, recommended maintenance needs, prioritized their repairs, created repair designs and construction inspection of the repairs.
2013	Pedestrian Bridge Repairs, Chapel Hill, North Carolina. University of North Carolina. Structural Designer. Mr. Howard served as a Structural Designer for the repairs of UNC-Hospitals three multispan pedestrian bridges; 670261, 670317, 670318 over Manning Dr. in Chapel Hill, NC.

WSP IISA Inc

Firm employed by

<i>Firm етріоу</i> в	ea by	WSP USA, Inc.						
Name	William (Coley) Mitchell			Years of relevant experience with this employer	11	(2 2	
Title	Bridge Ins	pection Team Leader	r /NDT		Years of relevant experience with other employer(s)	0		
Degree(s) / Y	Years / Spec	ialization		AS / 2011 / Architectural	Engineering	·		
Active registi	Active registration number / state / expiration date			N/A				
Year register	red	N/A	Discipline	N/A				
Contract role	e(s) / brief d	escription of responsi	ibilities	Coatings Rehabilitation.				
Relevant Training: FHWA Safety Inspection of In-Service Bridges, 2014 (NHI 130055); Safety Inspect of Fracture-critical Inspection Techniques for Steel Bridges, 2014 (NHI 130078); ASNT Ultrasonic Testing Level I, 2015; ASNT Ultrasonic Testing Level II General Exam, 2016; Bridge Coatings Level 1, 2014 (BCC-12219); FHWA Introduction to Element Level Bridge Inspection, 2014; SPRAT Level I Rope Access Technician, 2017; FHWA Tunnel Safety Inspection, 2016 (NHI 130110); Confined Space Entry Training, 2017; FHWA Inspection and Maintenance of Ancillary Highway Structures, 2016 (NHI 130087); Aerial Training, 2017; American Red Cross Adult First Aid/CPR/AED; OSHA 30-hour Hazard Recognition Training for the Construction Industry, 2014; Bridge Inspection Refresher Training, 2018 (NHI 130053)								
Experience d (mm/yy-mm)		Experience and qualithe years of experien			e., "designed drainage", "designed girders", "designed inte	ersection", etc. Expe	erience dates should cover	
7/18-12	Bridge Inspection and Load Rating, Statewide, South Carolina. SCDOT. Field Operations Manager. Project consisted of bridge inspection and determination of the load capacity ratings for 2,604 structures in SC. All load ratings were completed with BrR. William utilized drones as an inspection tool to help identify specific areas of bridges where a "hands-on" inspection was needed. This resulted in reduced time required for traffic control and access equipment, providing a significant cost savings to SCDOT. In addition, William oversaw 120 load tests involving instrumenting the bridges with strain gauges and driving known loads across the bridge. The results of the test were utilized to create corrected effective structural models to increase and remove load postings from bridges across the state. These results were extrapolated out, to not only remove postings on the bridges tested, but also on similar bridges in SCDOT's inventory. WSP efforts saved the State tens of millions of dollars.							
03/16-Ongoing Reselected 2017 More than 70 fracture-critical member				ling over 900 fracture-crit have required rope acces	<i>xDOT.</i> Team Leader. One of six Team Leaders that has cical members, 150 truss spans, 190 two-girder spans, ans, including the inspection of the Margaret Hunt Hill Brice pported main span unit with a 400-ft tall fracture-critical	nd more than 300 fra dge (2017) and I-35	acture-critical bridges. Brazos River Bridges	

2021

08/17-Ongoing

inventory inspections.

Short Line Railroad Bridge Inspections. GDOT. Team Leader. Mr. Mitchell is a Team Leader for the inspection of GDOT's Short Line Railroad bridges. He is planning, scheduling and performing annual inspection of GVR and GNRR bridges. Inspection of deck including rails and ties; superstructure and substructure elements using hi-rail truck and boat. Prepared inspection reports in GIS Cloud with element level condition rating and repair priorities. He also performed QC review of reports.

William used rope access to gain the proper hands-on access required, and perform non-destructive testing on problematic detail and crack locations.

Routine Bridge Inspections, Statewide, Texas. TxDOT. Team Leader. Mr. Mitchell was Team Leader for hundreds of on/off-system routine bridge inspections throughout Texas. Work included creating and reviewing inspection reports within InspectTech, creating and submitting critical findings, and performing initial bridge

06/16-Ongoing	Engineering Services for Cable-Stayed Structures, Georgia. GDOT. Team Leader. One of six Team Leaders that completed the inspection and rehabilitation of the Talmadge Memorial and Sidney Lanier cable-stayed bridges. This task-order basis contract has included a special member inspection of the Sidney Lanier Bridge (2016) to evaluate exposed strands with various degrees of corrosion present, in-depth NBI and emergency post-hurricane inspection of the Talmadge Memorial Bridge (2017 and 2020) and the rehabilitation of the dampening system for the cable stays, and two rehabilitation design contracts for the Sidney Lanier Bridge. The first rehabilitation project for the Sidney Lanier Bridge primarily addressed deficiencies associated with excessive cable vibration, including repairs to cable-stays with breached protective sheathing and corroded strands. The second rehabilitation project included the installation of external dampers at all 176 stays. Due to geometric constraints, and to minimize impact to traffic, rope access was utilized to inspect several complex bridge elements, including the pylons and below deck stay cable anchorages.
06/17-01/18	St. Croix Bridge Inspection, Minnesota and Wisconsin. MnDOT. Team Leader. Mr. Mitchell was team leader for the initial, element level inspection of the St. Croix River Crossing extradosed cable-stayed bridge. A baseline inspection was performed, providing the client with accurate and repeatable reporting of deficiencies. Due to geometric constraints and to minimize impact to ongoing construction activities, rope access was utilized to inspect several complex bridge elements, including the pylons and below deck stay cable anchorages. In addition to inspection, the scope of work included providing recommendations for updating the maintenance and inspection manual for the new signature structure. The 5,279-ft-long bridge opened to traffic in 2017 and contains 10 main-river crossing extradosed cable-supported spans and continuous post-tensioned precast and cast-in-place box girder approach spans.
2011-Ongoing	2011-2022 NBIS Bridge Inspection Team Leader, Statewide, North Carolina. NDOT. Project Manager. William has been involved with the NCDOT bridge inspection program for 10 years. He has performed field inspections, analysis and load ratings; evaluated the physical condition; and recommended preservation and maintenance needs. To date he has completed over 1,500 inspections, including many of the state's longest structures, segmental boxes, and fracture critical trusses.
2016-2018	Sunshine Skyway Bridge Inspection. FDOT. Team Leader. Mr. Mitchell served as a Team Leader for the routine in-depth inspection of the signature Sunshine Skyway cable stayed bridge. His role included inspecting the high level approach box girders and upper cable anchorages, including "banana pipes" and upper portions of the cable-stay sheathing utilizing a spider basket platform for access.
2016 (Completed under TxDOT Routine Inspections)	Hurricane Harvey Emergency Assessment. TxDOT. Team Leader. TxDOT required 340 emergency assessments in the Houston area—performed by 8 inspection teams. These evaluations were extremely short-fused, both in the bridge assessments and report delivery schedules. Along with evaluation of 340 bridges in one week, reports had to be uploaded to TxDOT's inspection system within 5 days after evaluating a bridge. This required a very intense, short-term allocation of qualified resources to safely meet TxDOT's needs. Mr. Mitchell served as Team Leader conducting these emergency inspections.
2017-Ongoing	Bridge Asset Management and Bridge Inspection Program. City of Raleigh, NC. Bridge Inspection Team Leader. As bridge Inspection Team Leader, Coley is assisting the City of Raleigh with the creation of their bridge inspection and asset management program. This program focuses on maintaining their bridges in good condition while minimizing lifecycle costs and maximizing their potential to receive federal funding for bridge replacements, repairs, and preservation. This project includes predicting deterioration of their structures, identifying alternative actions, predicting costs, determining optimal policies, performing short-term and long-term budget forecasting, repair design, specifications and construction inspection. Coley assisted with compiling and evaluating priority maintenance needs which were provided to the City monthly during the routine inspections. He worked closely with the City to determine which repair items could be completed in-house by the City versus contracted out to provide the most economical and efficient solution. William assisted with repair designs, specifications, construction bid assistance, and construction inspection for repair items identified during the 2018 NBIS inspections including the repairs to the Atlantic Avenue Cored Slab bridge with severed prestressing tendons.

Firm emplo	oyed by	WSP USA, Inc.							
Name	Josh Fis	her			Years of relevant experience with this employer 4				
Title	Paint and	d Coating Inspector			Years of relevant experience with other employer(s)	14			
Degree(s) /	/ Years / Spe	cialization		AS / Architectural & Eng	ineering Design				
Active regis	istration num	ber / state / expiration	date	N/A					
Year registe	ered	N/A	Discipline	N/A					
Contract ro	ole(s) / brief (description of responsi	bilities	Coatings Rehabilitation.					
Level II Ero	relevant Training: OSHA 10-hour Hazard Recognition Training for the Construction; ACI Concrete Field Technician Grade 1; NCDOT Concrete Field Technician; ABC Nuclear Density Technician; evel II Erosion & Sediment Control; QMS Roadway Technician; OSHA Confined Space entry 8-hour; American Red Cross Adult First Aid/CPR/AED; NCDOT Bridge Coating Inspector Level 1; NACE coating Inspector Level 1 with Bridge Endorsement.								
Experience (mm/yy-m		Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).							
2016	i - 2021	bridges around the	city of Charlotte; thi	s work includes joint repla	served as an inspector on site for the different maintenar acement, structural steel replacement, concrete repairs uded hydro-demolition and replacement with latex mod	to caps, columns, decks			
Bridge Painting, Charlotte, NC. City of Charlotte. Coating Inspector. Josh served as an inspector on site for blasting and painting procedures of multiple bridges in the city of Charlotte. The procedures included sand blasting and the application of primer, mid coating, stripe coating, and final coating. He also verified and reviewed different tests performed during the coating procedure.									
verifying previously documented conditions and accommendations					otte Area Transit System. Assistant Team Leader & Insprimenting new conditions, all structural dimensions, and epairs that were performed to C.A.T.S structures; this wo	revised report sketches	as required. He		
Liberty Bridge Painting, Greenville, SC. City of Greenville. Coating Inspector. Josh served as an inspector on site for blasting and painting procedur						ocedures of the liberty			

bridges in the city of Greenville. The procedures included sand blasting and the application of primer, mid coating, stripe coating, and final coating. He also verified

Bridge Repair, Raleigh, NC. City of Raleigh. Inspector. Josh served as an inspector on site for the different maintenance repairs that were performed to four bridges around the city of Raleigh; this work included joint replacement, concrete repairs to caps, columns, decks, and partial replacement and tensioning of deteriorated

2018 - 2019

2017 - 2022

and reviewed different tests performed during the coating procedure.

prestresssing strands in cored slabs.

Firm employ	yed by	WSP USA, Inc.							
Name	Eric Denr	nis			Years of relevant experience with this employer	19	125		
Title	Assistant	Project Administrator	/Senior Inspector		Years of relevant experience with other employer(s)	5			
Degree(s) /	Years / Spec	cialization		BS / 1997 / Industrial Eng	gineering				
Active regist	stration numb	ber / state / expiration	date	N/A					
Year register	Year registered N/A Discipline			N/A					
Contract role	le(s) / brief d	escription of responsil	bilities	Lead Paint Removal Insp	pector.				
					udy; IMSA Signal Inspector 1; ACI Concrete Field Tech 1; n Safety & Health Course; SSPC C-3 Deleading of Indu		Pile Training; MSE Wall		
Experience (mm/yy-mm		Experience and quali the years of experien	ifications relevant to ce specified in the	o the proposed contract; i. applicable MPR(s).	e., "designed drainage", "designed girders", "designed int	tersection", etc. Experi	ence dates should cover		
11/2022 -	General Engineering Consultant (GEC) Construction Support Services, Districtwide, Florida. Florida Department of Transportation (FDOT) District One. Senior Inspector. WSP is providing FDOT construction and maintenance support, construction management support, special/technical services, and community outreach services under this GEC Construction Support Contract.								
04/2017 -	Interstate 4 (I-4) Ultimate Public Private Partnership (P3), Orlando, Florida. FDOT District Five. Senior Inspector. Performs construction inspection, quality assurance (QA), materials sampling and testing and field issue resolution of all aspects of milling and resurfacing work, the bridge work at the I-4/State Road (SR) 408 Interchange, Central Florida Expressway Authority (CFX) maintained structures and other bridges within the I-4 Ultimate project limits. The project segment he is working on includes fully reconstructing the existing general-purpose lanes; adding four express toll lanes in the median; reconstructing major interchanges; and reconstruct, construct, or widen various types of bridges numerous aesthetic treatments, accent lighting, art sculptures and monuments, and other architectural treatments.								
05/2014 -	- 03/2017	I-75 Widening from North of SR 54/County Road (CR) 54 to North of SR 52, FIN: 258736-2-62-01, Pasco County, FLorida. FDOT District Seven. Senior Inspector. Managed daily construction inspection, QA materials sampling and testing, contract administration, environmental compliance and issue resolution on this design-build (D.B) project. The project involved readway reconstruction and milling and resurfacing of seven miles of L75, replacement of the L75/SR 52 interchange.							
03/2015 -	- 07/2016	SR 72 (Stickney Point) from East of SR 758 to West of Beachwood Avenue, FIN: 425183-1-62-01, Siesta Key, Florida. FDOT District One. Contract Support Specialist. Prepared progress and final estimates, document control, and prepared work orders and supplemental agreements (SAs), project scheduling and claims analysis project financial analysis production of final as-built plans, and project classout. This project was a CEI rehabilitation of two bascule bridges and							
SR 684 (Cortez Road) from East of Gulf Drive to West of 127th Street West, Cortez Bridge Rehabilitation, FIN: 425413-1-62-01, Bradenton, Florida. FDOT One. Contract Support Specialist. Prepared progress estimates and provided document control on this CEI rehabilitation of the bascule bridge and approach spans over the Intracoastal Waterway connecting SR 684 from east of Gulf Drive to west of 127th Street West. Rehabilitation of the 2,616-foot bridge included progress estimates and provided document control on this CEI rehabilitation of the 2,616-foot bridge and approach spans over the Intracoastal Waterway connecting SR 684 from east of Gulf Drive to west of 127th Street West. Rehabilitation of the 2,616-foot bridge included progress estimates and provided document control on this CEI rehabilitation of the 2,616-foot bridge and approach spans over the Intracoastal Waterway connecting SR 684 from east of Gulf Drive to west of 127th Street West. Rehabilitation of the 2,616-foot bridge included progress estimates and provided document control on this CEI rehabilitation of the 2,616-foot bridge included progress estimates and provided document control on this CEI rehabilitation of the bascule bridge and approach spans over the Intracoastal Waterway connecting SR 684 from east of Gulf Drive to west of 127th Street West. Rehabilitation of the 2,616-foot bridge included progress estimates and provided document control on this CEI rehabilitation of the 2,616-foot bridge included progress estimates and provided document control on this CEI rehabilitation of the 2,616-foot bridge and approach spans over the Intracoastal Waterway connecting SR 684 from east of Gulf Drive to west of 127th Street West. Rehabilitation of the 2,616-foot bridge included progress estimates and provided document control on this CEI rehabilitation of the 2,616-foot bridge and approach spans over the Intracoastal Waterway connecting SR 684 from east of Gulf Drive to west of 127th Street West. Rehabilitation of the 2,616-foot bridge and approach sp							ge and approach idge included phased cement, removal and		

Firm employe	ed by	Forte and Tablada								
Name	Tommy L	ake			Years of relevant experience with this employer	6				
Title	Party Chie	ef			Years of relevant experience with other employer(s)	0				
Degree(s) / Ye	/ears / Spec	ialization		N/A						
Active registra	ration numb	oer / state / expiration	date	Traffic Control Technicia 03/2025; Certified Flagg	n/ LA State Specific / 03/2025; Traffic Control Superviso ger / 03/2027	or / LA State Specific /	GILLO			
Year registere	ear registered N/A Discipline			N/A			BUILDE			
Contract role(e(s) / brief d	escription of responsi	bilities	Surveying - Party Chief.						
Tommy Lake i	is a Party C	chief with 6 years' exp	perience.							
Experience da (mm/yy-mm/		Experience and qual the years of experien	ifications relevant to ace specified in the	o the proposed contract; applicable MPR(s).	i.e., "designed drainage", "designed girders", "designed in	tersection", etc. Experier	nce dates should cover			
04/21-0	06/21			l <mark>ill, Calcasieu Parish, LA</mark> he design of turn lanes ir	a. <i>LADOTD</i> . Party Chief. Party Chief for this project prov n Calcasieu Parish.	riding a topographic surv	ey, in accordance			
01/20-10	0/20	H.012588, H.012169, H.012587 I-10: Atchafalaya Basin Br-W. Baton Rouge P/L, I-10: Iberville P/L-W End Miss Br, I-10: W End of Br 290-W End of LA 415, West Baton Rouge & Iberville Parishes, LA. LADOTD. Party Chief. Party Chief for complete topographic survey, approximately 18.3 miles, from the East end of the Atchafalaya Bridge to the West end of the I-10/LA 415 Interchange.								
08/19-0	01/20				A. LADOTD. Party Chief. Party chief for Topographic Sur liams Blvd. off ramp, as well as Loyola Avenue and porti		y, and Drainage			
06/20-0n	ngoing			nitiative; 15 State Projec f 47 bridges in Louisiana.	cts Numbers (47 Structures) in Districts 04, 05, 08 a	nd 58, Statewide, LA. <i>Li</i>	ADOTD. Party Chief.			
01/18-06	06/19	H.004100 - I-10 (LA work between LSU la			nd West Baton Rouge Parishes, LA. LADOTD. Party Ch	nief. Party Chief for topog	graphic survey of the			
02/17-03)3/18	H.010753.5 - US 90 intersection of US-90			. LADOTD. Party Chief. Party Chief for topographic surv	eying and 3-D laser scan	ning at the			
05/17 – 1	10/18	H.004791.5 - Belle Chasse Bridge and Tunnel Replacement Hydrographic Survey, Plaquemines Parish, LA. LADOTD. Party Chief. Party Chief for comprehensive topographic surveying services for the Belle Chase Bridge and Tunnel Replacement project for LA DOTD. Included in this work was a survey performed utilizing traditional methods, terrestrial laser scanning of roadway surfaces, and multi-beam 3-D hydrographic surveying.								
10/18-02	02/19	H.012343 - Sunshine Bridge Damage Survey, St. James Parish, LA . LADOTD. Party Chief. Party Chief responsible for establishing control on and near the Sunshine Bridge to use survey and laser scanning methods to monitor the damage on the bridge. This project included utilizing LiDAR data.								
06/19-0	09/19	H.000303.6 - Danziger Bridge Repair, Orleans Parish, LA. LADOTD. Party Chief. Party Chief for Topographic and Monitoring survey and laser scanning of Danziger bridge. This survey is necessary due to damage of joints, deck, and girder ends of the fixed spans on both sides of the bridge. This project included utilizing LiDAR data.								

Firm employ	red by	Forte and Tablada								
Name	Philip Ko	ch, PLS			Years of relevant experience with this employer	4				
Title	Profession	nal Land Surveyor			Years of relevant experience with other employer(s)	0				
Degree(s) / \	Years / Spec	cialization		BS, 2008, Business Mana	S, 2008, Business Management					
Active regist	Active registration number / state / expiration date			Professional Land Surve Specific / 09/2023; Certi	yor No. 5296 / Louisiana / exp. 03/31/23; Traffic Control fied Flagger / 07/2023	Technician/ LA State				
Year register	red	2022	Discipline	Land Surveying						
Contract role	e(s) / brief d	lescription of responsi	bilities	Surveying.						
Philip Koch i	is a Professi	onal Land Surveyor w	ith 4 years' experie	nce in providing bridge m	onitoring, topographic, control, construction layout, and	d elevation surveying s	services.			
Experience of (mm/yy-mm		Experience and qualithe years of experien	ifications relevant t ce specified in the	o the proposed contract; i. applicable MPR(s).	e., "designed drainage", "designed girders", "designed int	tersection", etc. Experie	ence dates should cove			
01/23 -	01/23 – 02/23 LA1 Intracoastal Bridge Replacement, Port Allen, LA. LADOTD. Lead Survey Technician. Served as Lead Survey Technician for monitoring survey. Reestablish control from original contractor and created new control to monitor four bents on the LA1 Bridge. Established baseline for future monitoring of bridge by shooting elevations of footings and top of bent caps. Forte and Tablada was retained by LA DOTD to perform a bridge monitoring survey. Settlement occurred on several of the bridge piers and the department would like to have a more comprehensive understanding of the settlement and moving issues.									
06/21 -	01/23	Amite River and Tributaries - Comite River Diversion Project, Zachary, LA. Coastal Contractors, Inc. Lead Survey Technician. Lead Survey Technician on McHugh Road Bridge Construction. Established control on site, created monitoring points, performed QA/QC cross sections on canal.								
05/18-1	-12/18	Port Allen Interchange Bridge Monitoring, Port Allen, LA. W.T. Byler. Field Technician. Contractor installed concrete barriers next to the railroad interchange under the Mississippi River Bridge. Forte and Tablada was tasked to ensure construction did not compromise bridge bents. Daily shot targets on several bents and piles for verification.								
01/20 -	07/20	hydrographic survey	ing of bayous and	creeks located within Eas	Parish, LA. City of Baton Rouge c/o HNTB. Lead Surve t Baton Rouge Parish for the EBR Stormwater Masterpla eating over 14,000 subsurface structures for the purpose	n. The work consisted	of establishing cross-			
11/19 - (01/20				ead Survey Technician. Lead Survey Technician responaries to evaluate existing drainage issues as part of a c					
01/21 -	03/21	Technician. Provide	d a topographic an vnership, servitude	d property boundary surv	ey, for the Crestwood Drive, 11th Street, and North Street s for the purposes of acquiring drainage servitudes alo	t corridors. Provided ri	ight of way maps			
10/18 –	10/18				LADOTD. Field Technician. Field Technician responsible onitor the damage on the bridge. This project included u		rol on and near the			
01/19 –	02/19	Benton Lane Impro of road located on Be	vements, Denhan enton Lane from its	Springs, LA. City of Deni junction with Route US 19	ham Springs. Field Technician. Field Technician respond 00 to its junction with Route LA 1032.	sible for topographica	I survey of 0.467 miles			
07/18-0	08/18	Peak Lane Improvements, Walker, LA. City of Walker. Field Technician. Field Technician responsible for topographical survey of 0.468 miles of road on Peak Lane from its junction with Route US 190 (Florida Boulevard) to its junction with Route LA 1027 (Burgess Avenue).								

FIRM EXPERIENCE







Firm name	Michael Baker International				Past Performance Evaluation Discipline(s)* 0V/CE&I, CP		OV/CE&I, CPM	
Project name	John James Auduboi	Design-Build Owner Ve	rification	Firm responsibility (prime or sub?) Prime (Joint V		Prime (Joint Vo	enture)	
Project number	052-02-0024			Owner's Name	Louisiana Department of Transpor		nsportation and Development	
Project location	West Feliciana and Pointe Coupee Parishes, Louisiana			Owner's Project Manager Paul Fossier (Retired); Jenny Fu, F		Fu, PE (DOTD Bridge Design Engineer Admin.)		
Owner's address, phone	e, email	1201 Ca _l	pitol Access Road, Baton	Rouge, Louisiana 708	04-9245 225-37	9-1321 Zhengzheng.fu@la.go	ΟV	
Services commenced by this firm (mm/yy) 05/10			05/10		Total consultant contract cost (\$1,000's)			\$14,975
Services completed by this firm (mm/yy) 08/18				Cost of consultant services provided by this firm (\$1,000's)		firm (\$1,000's)	\$14,975	

Michael Baker, with Terracon, provided District 61 with CE&I/OV services for the design-build delivery of the 3,186-foot-long bridge over the Mississippi River. The bridge is the longest cable-stayed structure in the Western Hemisphere and a critical regional transportation link. The project encompasses 12.5 miles, linking US 61 to LA 1 near south-central Louisiana, and includes the construction of new two-lane and four-lane highway, seven AASHTO girder bridges on driven-pile foundation, 12 miles of connecting roadway, and four new intersections. The East and West high-level approach, as well as the entire main span, incorporated steel girders. The main span featured 6-foot girder webs and 4-foot floor beam webs, and used splicing to achieve a 1583 linear foot main span.

Michael Baker used DOTD SiteManager to maintain all inspection daily work reports, to create/process monthly partial pay estimates, change orders, and track progress of the project financially. Our team oversaw contractor performance and provided inspection services; assisted in coordinating preconstruction meetings and contractor selection; developed and monitored the CPM schedule; prepared and executed the contract; coordinated the partnering process and community outreach; performed constructability reviews and construction management, including claims review; verified work compliance with plans and specifications; and oversaw the preparation of as-built drawings and project closeout documents. *Mary Flynn and Ed Callicutt were responsible for the quality management plan* (*design and construction QC*) *independent of the design-build team.* This work included the quality control management process, verification of design QC, development/updates of the quality management plan, quality audits (design and construction), materials sampling and testing oversight, construction inspection, and documentation. *Terracon provided geotechnical and geological study, soil drilling, laboratory testing, develop gINT Logs in DOTD format, established soil parameters, and prepared cross sections.*

The drilled shaft concrete placement used slurry to stabilize the shaft. *One challenge was that tremies used for concrete placement must be embedded into the concrete at the bottom of the shaft.* Using slurry, the depth of concrete is not visible. *As a solution, David Dauzat coordinated with the contractor to verify embedment by surveying the elevation of oscillator* (top of shaft); sounding the top of concrete utilizing a weighted measuring tape dropped through the slurry; and measuring tremie tip depth by length of tremie less extraction height. These measurements were acquired by the inspector every 15 minutes to ensure tremie embedment in concrete.



















PROJECT SIMILARITIES

- OV/CE&I services
- Design-Build Project
- DOTD Project
- New bridge over water
- Public outreach
- As-builts and closeout of large volume project
- Concrete inspection
- CPM schedule review
- Terracon Testing Lab

Team Members Who Worked on This Project:

Mary Flynn, PE | David Dauzat | Ed Callicutt, PE | Belinda Bondy | Elizabeth Boone | Steve Greaber (Terracon)

Award-Winning Project

- ✓ DBIA 2012 Design Excellence Award
- ✓ DBIA 2012 National Award
- ✓ ENR Texas and Louisiana Best Project Award
- ✓ American Steel Bridge Alliance 2012 Prize Bridge Award for Major Span

"The team has delivered a quality job, working together to build a beautiful bridge that will further economic development and serve Louisiana well for generations."

- Sherri LeBas, Former DOTD Secretary

Firm name	Michael Baker Interna	ichael Baker International				Past Performance Evaluation Discipline(s)*		OV/CE&I, CPM, Road, Bridge, Traffic	
Project name	US 90 (I-49 South), A	90 (I-49 South), Albertson's Parkway to Ambassador Caffery				Firm responsibility (prime or sub?) Prime			
Project number	H.010620	.010620			Louisiana Department of Tra		ransportation and Development		
Project location	Lafayette Parish, Loui	Lafayette Parish, Louisiana			Owner's Project Manager		Ms. Peggy Jo Paine		
Owner's address, phone	e, email	1201 Ca _l	pitol Access Road, Baton Rouge, Lo	uisiana 70804-9245 1	225-379-1065 Pe	eggy.Paine@la.gov			
Services commenced by this firm (mm/yy) 02/13		02/13		Total consultant contract cost (\$1,000's)		\$10,639			
Services completed by this firm (mm/yy) 06/18			06/18		Cost of consultant services provided by this firm (\$1,000's		firm (\$1,000's)	\$8,598	

Michael Baker worked with Terracon and provided CE&I/OV services on the US 90 (Future I-49) from Ambassador Caffery to Albertson's Parkway Design-Build project. The project includes a new frontage road system, improvements to LA 182, new ramps, drainage improvements and mainline structure(s) over Albertson's Parkway and the BNSF Railroad. The original design-build project schedule considered a 39-month construction duration.

Michael Baker provided project scoping, project conceptual design, performance specifications, FEIS re-evaluation and procurement of the design-build team, design and shop drawing reviews, construction inspection (including structures, asphalt paving, embankment/base, soil cement, lime stabilization, Precast, Signalization and SWPPP/Erosion), CE&I/OV services, acceptance validation, CPM schedule reviews, and survey verification. *Michael Baker also assisted in developing Louisiana's first Construction Quality Assurance Plan*, and developed a documentation database to store and report the sampling, testing, and acceptance of all materials incorporated into the project, and to statistically validate test results.

In addition, we performed Federal quarterly reporting according to the Construction Quality Assurance Plan showing statistical and analytical analysis of the Design-Builder's validations, visual inspections, engineering judgments, Project Non Compliances and summary of progress.

Design Support included *both over-the-shoulder and formal design reviews*. Michael Baker assembled specialty review teams for Bridge, Road, Traffic, and Geotechnical which included our firm, our subconsultants, and DOTD staff. The OV Quality Manager verified that the Design-Build Design Quality Managers had performed their required reviews of submittal prior to OV review. Michael Baker's Design Manager then ensured the review turn-around was time sensitive, and that the reviews consolidated all comments by all reviewers into one concise Form DR. The Design Project Manager managed, participated in, and documented the design workshop, design mobilization, and all design meetings for the duration of the project.











PROJECT SIMILARITIES

- OV/CE&I Services
- Design Reviews
- Design-Build Project
- DOTD Project
- Multiphase Interstate Widening
- New bridge structure
- Concrete inspection
- CPM schedule review
- Terracon Testing Lab

Team Members Who Worked on This Project:

Mary Flynn, PE | Gary Chodkowski, PE | David Dauzat | Belinda Bondy | Elizabeth Boone | Steve Greaber (Terracon) | Terry Butler



Firm name	Michael Baker Interna	ichael Baker International				Past Performance Evaluation Discipline(s)*		OV/CE&I	
Project name	I-210 Prien Lake Re-I	10 Prien Lake Re-Deck and Safety Improvement Project				Firm responsibility (prime or sub?) Prime			
Project number	H.010916 (CE&I)			Owner's Name	Louisiana Department of Tran		ansportation and Development		
Project location	Calcasieu Parish, Lou	Calcasieu Parish, Louisiana			Owner's Project Manager Patrick				
Owner's address, phone	e, email	5827 Hv	му 90 E, Lake Charles, LA 337-437-	9115 patrick.cusey@l	a.gov				
Services commenced by this firm (mm/yy) 03/19		03/19	/19 7		Total consultant contract cost (\$1,000's)		\$543		
Services completed by this firm (mm/yy) 10/22				Cost of consultant services provided by this firm (\$1,000's)		firm (\$1,000's)	\$487		

As the first Task Order under the IDIQ: CE&I with Majority of Work in District 07 Statewide, *Michael Baker provided Staff Augmentation Services* to augment District 07 inspection and administrative staff.

The project involved I-210 Prien Lake superstructure deck replacement, installing safety inspection walkway, bridge barrier rail replacement, mill and overlay with asphaltic concrete, pavement striping, bridge drainage and approach slab lightening and related work. Prien Lake Bridge, also known as Israel LaFleur Bridge, is **one of the highest bridges in the interstate highway system** and passes over the Calcasieu Ship Channel.

Michael Baker provided a Lead Inspector who performed inspection, testing and sampling of associated work; made daily entries in the project diary (DWR); submitted samples and tests in SiteManager Materials system; maintained documentation related to the sampling plan to ensure correct quantity of sampling, testing and documentation is maintained; and provided training for DOTD Engineering Technicians and acceptance of work inspected.

Field Administrator duties included performing document control and closeout services for the DOTD Project Engineer to include AASHTOWare, Content Manager, SiteManager Materials, and queue detection monitoring, final estimate package and Form 2059 development.

A significant challenge facing the DOTD was that District Project Engineer's structural staff was occupied on other District projects, which left less experienced DOTD staff on an accelerated-paced, large-scale construction project. As a solution, Michael Baker's Lead Inspector, David Dauzat, provided on-site, hands-on training to junior DOTD staff, drawing on lessons learned in his career. With David's support, DOTD's staff were able to seamlessly work together, prevent any delays from staffing, and deliver the project a year ahead of schedule.

The rehabilitation work for the existing bridge also included *lead abatement containment for steel girders* that were sand blasted and painted, as well as cross frame and splice plate repair.



PROJECT SIMILARITIES

- OV/CE&I services
- DOTD Project
- Navigable Waterway Crossing
- Lead Paint Abatement
- Major Bridge Rehabilitation

Team Members Who Worked on This Project:Mary Flynn, PE | Belinda Bondy | Gary Chodkowski, PE |
Elizabeth Boone | David Dauzat



Firm name	Michael Baker Interna	ichael Baker International				Past Performance Evaluation Discipline(s)*		OV/CE&I, CPM, Road, Bridge, Traffic	
Project name	I-10 Widening, Siege	0 Widening, Siegen to Highland, Design-Build Owner Verification				Firm responsibility (prime or sub?) Prime			
Project number	H.003046	1.003046			Louisiana Department of Trar		ansportation and Development		
Project location	East Baton Rouge Par	East Baton Rouge Parish, Louisiana			Owner's Project Manager		Ms. Peggy Jo Paine		
Owner's address, phone	e, email	1201 Ca _l	pitol Access Road, Baton Rouge, Lo	uisiana 70804-9245 2	225-379-1065 Pe	eggy.Paine@la.gov			
Services commenced by this firm (mm/yy)		03/09		Total consultant contract cost (\$1,000's)		\$8,146			
Services completed by this firm (mm/yy) 01/13			01/13		Cost of consultant services provided by this firm (\$1,000's)		\$7,953		

Michael Baker provided OV/CE&I services, Design Reviews, and related services in support of this interstate widening project. The goal of this project was to widen the interstate mainline from four lanes to six lanes, including signage and median barrier, for three miles beginning just East of the Siegen Lane Interchange and proceeding eastward to the Highland Road Interchange in DOTD District 61. Widening occurred to the inside (median side) of the existing pavement and included interior widening of the I-10 Bridge over Wards Creek Diversion Canal, and replacement of the I-10 Bridge over the Kansas City Southern Railroad and LaCrete Lane. Other improvements included modifications of drainage structures, modifications and upgrades of the existing lighting, guardrail, and pavement markings. Traffic control and lane closures were required as part of this project.

Michael Baker's services included Procurement, CE&I services, Design Support, CPM Scheduling, and project administration using SiteManager. *Terracon provided independent QC engineering and inspection services, as well as the QC Testing Lab*.

Procurement: For the procurement process, we provided project scoping, conceptual design, performance specifications, FEIS re-evaluation, and procurement of the Design-Build team.

CE&I Services: Michael Baker's CE&I team performed project management, project engineering, construction inspection (including structures, asphalt paving, PCC Paving, embankment/base, soil cement, lime stabilization, Precast, and SWPPP/ Erosion), acceptance validation of D-B's testing, and survey verification

Design Support: Design Support included **both over the should and formal design reviews**. Our team assembled specialty review teams for Bridge, Road, Traffic, and Geotechnical, which included Michael Baker staff, our subconsultants, and DOTD staff. The OV Quality Manager verified that the Design-Build Design Quality Managers performed their required reviews of submittals prior to OV review. The Design Manager then ensured review turn-around was time sensitive, and consolidated comments by all reviewers into one concise Form DR. The Design Manager documented the design workshop, design mobilization, and all design meetings for the project.

CPM Scheduling: Scheduler *Gary Chodkowski performed initial analysis of baseline schedule and all monthly updates.* He held monthly meetings to review schedule updates, dispute of logic, recovery schedules and slippage with the contractor.

The Kansas City Southern (KCS) bridge structures were designed with a mainspan of an almost 70% skew coinciding with the skew of the rail under the structure. The structure was poured in two parts: the westbound structure first, and then the eastbound structure. This created a challenge regarding deck deflections that needed to ultimately deflect the same amount to pour a longitudinal joint after deck completion. As a solution, Michael Baker worked closely with the contractor and designer to come up with a work plan to pour the structures with uniform loading, pre-loading, and engineering oversight during deck pours to achieve a successful outcome.











PROJECT SIMILARITIES

- CE&I/OV services
- Design-Build Project
- DOTD Project
- Urban interstate widening
- Interchange upgrades
- New bridge structure
- Concrete inspection
- Submittal review
- Material testing
- CPM schedule review
- Terracon Testing Lab

Team Members Who Worked on This Project:

Mary Flynn, PE | Gary Icenogle, PE | Gary Chodkowski, PE | Steve Greaber, PE (Terracon) | Terry Butler | Belinda Bondy | Elizabeth Boone



Firm name	Michael Baker Interna	lichael Baker International				Past Performance Evaluation Discipline(s)*		
Project name	Southern Gateway C	uthern Gateway Corridor (I-35E) Design-Build Owner Verification				Firm responsibility (prime or sub?) Prime		
Project number	N/A	I/A			Texas Department of Transpo		ortation	
Project location	Dallas, Texas	Dallas, Texas			Owner's Project Manager		Ashton Strong, PE	
Owner's address, phone	e, email	4777 E.	Highway 80, Mesquite, TX 75180 4	69-401-1148 ashton.s	trong@txdot.gov			
Services commenced by this firm (mm/yy) 07/17		07/17		Total consultant contract cost (\$1,000's)		\$4,008		
Services completed by this firm (mm/yy) 09/21			09/21		Cost of consultant services provided by this firm (\$1,000's		firm (\$1,000's)	\$1,595

Michael Baker provides CE&I/OV services for the 11-mile, \$666M Southern Gateway Corridor project. As part of our services, we provided material tests at a stipulated testing frequency, along with the review and approval of contractor test results. Michael Baker conducted audits to verify the design-build team's Construction Quality Management Plan.

The goal of this project was to *reconstruct and widen I-35E to the south of downtown Dallas and widen US 67* (I-35E and I-20 and the I-35E/US 67 fork). The Southern Gateway Corridor project aimed to *enhance safety and traffic operations and relieve congestion while addressing roadway deficiencies and system linkage* for the critical I-35E and US 67 artery. The project consists of adding reversible, non-tolled express lanes and general-purpose lane widening on the exterior of the existing roadway, with an additional lane in each direction, for better capacity. The project also provided an added benefit, as area residents would have a simplified hurricane evacuation route in the future.

Michael Baker's services included Owner Verification Testing and Inspection (OVTI), Federal quarterly reporting, project management, and CPM schedule reviews.

Due to various field challenges, the contractor has made sporadic progress in construction. This irregular construction schedule creates a challenge of assigning duties to inspection staff quickly enough to prevent schedule slippage and minimize on-site inspection staff down time. As a solution, Michael Baker developed a text alert system with the contractor, QA Manager, QA and QC inspectors, and the TxDOT PM to keep all staff informed about established bench marks, allowing up to 24-hour notice to assign necessary staff, and maintain the schedule.

PROJECT SIMILARITIES

- CE&I/OV Services
- Design-Build Project
- CPM schedule review
- Urban reconstruction
- High-traffic corridor
- New bridge structures
- Reconfiguration of interchanges

Team Members Who Worked on This Project: Mary Flynn, PE | Jason Mashell, PE











Firm name	WSP USA	SP USA				Past Performance Evaluation Discipline(s)*		
Project name	I-285/I-20 West Inter	85/I-20 West Interchange GEC Project				Firm responsibility (prime or sub?) Prime		
Project number	188986	88986			Georgia Department of Trans		sportation (GD	OT)
Project location	Fulton County, GA			Owner's Project Manager		Matthew Fowler		
Owner's address, phone	e, email	One Ge	orgia Center, 600 West Peachtree S	treet NW, Atlanta, GA	30308			
Services commenced by this firm (mm/yy) 11/201		11/2019		Total consultant contract cost (\$1,000's)		\$25,596		
Services completed by this firm (mm/yy) Ongoing				Cost of consultant services provided by this firm (\$1,000's)		\$16,797		

Georgia Department of Transportation (GDOT) selected WSP to serve as the General Engineering Consultant (GEC) and owner's representative during the pre-let and post-let phases of the \$790 million I-285/I-20 West Interchange project. This is the fourth largest of the \$14 billion Major Mobility Investment Program's 11 large-scale Express Lane projects. The project will be delivered using design-build contracting methodology and includes new lane miles along I-20; operational performance enhancements of the interchange to help improve traffic flow, speed and safety; new collector-distributor lanes; and connections to the Express Lanes system. WSP's scope over an eight-year period is all-encompassing with major work elements including the environmental document, preliminary design, surveys, geotechnical drilling/testing, traffic engineering, Interchange Modification Report, procurement support and CEI services as the Owner's Verification Firm.

The project is being delivered via series of task orders. For each task order, WSP has to develop a scope, assumptions, fee estimate, and issue subagreements to all our partnering firms. Once under contract, WSP produces monthly reports and communicates the status back to the GDOT PM on a weekly basis. The project is entering the Design-Build procurement phase with a DBT anticipated in 2024.

PROJECT SIMILARITIES

- Owner's Representative
- Design-Build Project
- OV & CEI services
- Major Structural Improvement

Team Members Who Worked on This Project: Arunava Saha, PE





Firm name	WSP USA	VSP USA				Past Performance Evaluation Discipline(s)*		
Project name	Engineering Service	gineering Services for Cable-Stayed Structures, Georgia				Firm responsibility (prime or sub?) Prime		
Project number	88658			Owner's Name	Georgia Department of Transpo		sportation (GD)	OT)
Project location	Georgia			Owner's Project Manager Ro		Robbie Koirala, PE		
Owner's address, phone	e, email	935 Eas	st Confederate Avenue, Building 24,	Room 408, Atlanta GA	, (404) 635-2893	, rkoirala@dot.ga.gov		
Services commenced by this firm (mm/yy) 06/16			06/16	Total consultan		nt contract cost (\$1,000's)		\$5,000
Services completed by this firm (mm/yy) Ongoing				Cost of consultant services provided by this firm (\$1,000's)		\$3,000		

This task-order basis contract has included:

Special member inspection of the Sidney Lanier Bridge: The scope included the in-depth inspection of 49 cable stays within the deck level guide pipes. Sever deterioration and holed-through sections were noted to the HDPE pipe sheating in 25 cable stays of 49 inspected at the interface with the tight-fit neoprene washer assemblies.

Routine safety inspection of the Talmadge Memorial Bridge: The routine inspection consisted of a "eyes on" inspection of all faces of the bridge, including the bridge deck, inside and outside of towers, substructure, exterior surfaces of the cables, and all light poles and overhead sign structures.

Repair plans for the Sidney Lanier Bridge: Repair plans addressed significant deficiencies associated with excessive cable vibration including cracked stay piles and neoprene bearing failures, and corrosion of the stay strands.

Dampening retrofit plans for the Sidney Lanier Cable Stays: WSP performed the design of the retrofit to minimize the excessive vibration in the cables utilizing an external viscoelastic damping system for cable stay and rewrapping of the cables to prevent water intrusion.

Dampening retrofit plans for the Talmadge Memorial Bridge: Like task #4 above, in-depth inspection of the Talmadge Bridge. The scope of work consisted of performing an in-depth, visual inspection of all primary structural elements to assess the present condition and provided repair recommendations.

Load Rating of the Sidney Lanier and Talmadge Cable-Stay Bridges: In-depth inspection of Sidney Lanier Bridge. The scope of work consists of performing an in-depth, visual inspection of all primary structural elements, internal guide pipe inspection, dampening system, and forced vibration testing, to assess the present condition and provide repair recommendations.

Operation and Maintenance (M&O) manual for the Sidney Lanier and Talmadge Bridges: This manual is intended to assist the GDOT's staff in the efforts to maintain the bridge elements throughout their service life.



PROJECT SIMILARITIES

- Bridge Rehabilitation
- Bridge Rehabilitation Design

Team Members Who Worked on This Project: Casey Howard, PE | William Mitchell



Firm name	WSP USA	VSP USA				Past Performance Evaluation Discipline(s)*		OV/CE&I	
Project name	I-395/SR 836/I-95 De	895/SR 836/I-95 Design-Build Project				Firm responsibility (prime or sub?) Subconsultant			
Project number	251688-1-52-01, 423126	6-1-52-01,	423126-2-52-01, 429300-2-52-01	Owner's Name	Florida Department of Transp		sportation, District Six		
Project location	Miami, FL	Miami, FL Owner's Project				er Jackie Sequeira			
Owner's address, phone	e, email	1000 NV	N 111 Avenue, Miami, FL 33172; (305)	640-7433; Jacqueline	.Sequeira@dot.s	tate.fl.us			
Services commenced by this firm (mm/yy) 06		06/17		Total consultant contract cost (\$1,000's)		\$101,000			
Services completed by this firm (mm/yy) Ongoing			Ongoing	ng <i>Co</i>		Cost of consultant services provided by this firm (\$1,000's)		\$9,000	

IThe I-395/SR 836/I-95 Project is a partnership between the Florida Department of Transportation (FDOT) and the Miami-Dade Expressway Authority (MDX), with construction limits on State Road (SR) 836 beginning at NW 17 Avenue and continuing through the SR 836/I-395/I-95 (Midtown) Interchange to the MacArthur Causeway Bridge. The limits on I-95 are from NW 8 Street to NW 29 Street. The project is expected to be completed in the summer of 2026 at a cost of \$840 million. This schedule could change due to weather or other unforeseen circumstances.

WSP is providing construction engineering and inspection services for this project that includes a new signature bridge as a gateway to Miami, improvements for 1.4 miles of Interstate 395, approximately 1.6 miles of pavement reconstruction of Interstate 95, and construction of new elevated collector-distributor ramps from Interstate 95.

SR 836 Enhancements: This project is a continuation of MDX's work program to modernize the SR 836 corridor. The enhancements on SR 836 are from NW 17 Avenue to the Midtown Interchange. These enhancements include double-decking SR 836, beginning just east of the toll gantry at NW 17 Avenue, rising over the center of SR 836, and touching down at I-395, east of the I-95 interchange. The double-decked section will provide drivers with a direct connection to the MacArthur Causeway that is free of local entry and exit traffic. The existing SR 836 roadway and bridges will serve as a collector distributor system that allows drivers to enter and exit from the existing local roads and I-95. This collector distributor system will reduce the existing weaving movements resulting in enhanced safety and better traffic operations on SR 836. In addition, the existing eastbound SR 836 ramp to northbound I-95 will be widened to include an additional lane reducing the congestion that drivers currently experience.

I-95 Concrete Pavement Reconstruction: These enhancements are from NW 8 Street to NW 29 Street and include the total replacement of the concrete pavement for both the northbound and southbound travel lanes. An auxiliary lane will be added along northbound I-95 from north of NW 17 Street to NW 29 Street to receive the additional traffic from the eastbound SR 836 ramp to northbound I-95 and enhance the flow of traffic through the Midtown Interchange. The project also includes the construction of a new connector ramp from southbound I-95 to westbound SR 836. This new connector ramp will enhance the flow of traffic and reduce weaving movements. This portion of the project will also enhance safety.

I-395 Reconstruction Enhancements: Enhancements along I-395 are from the SR 836/I-95/I-395 (Midtown) Interchange to the MacArthur Causeway, approximately 1.4 miles long. The project will completely reconstruct the existing facility and create a signature bridge that will span 1,025 feet over NE 2 Avenue and SR5/Biscayne Boulevard, redefining the Miami skyline with its six sweeping arches. The project will create additional capacity on I-395 with a total of three through lanes in each direction and provide separate connector ramps for traffic to and from I-95. The existing I-395 eastbound off-ramps at NE 2 Avenue will be moved west to North Miami Avenue, and the westbound on-ramps at NE 1 Avenue will be shifted to the west of North Miami Avenue. NW 2 Avenue will also be reconnected under I-395, providing residents greater access.

PROJECT SIMILARITIES

- Owner's Representative
- Major Bridge Structure
- New connector ramps

Team Members Who Worked on This Project: Other Staff Depth Utilized for this Project





Firm name	Richard C. Lambert Co	chard C. Lambert Consultants				Past Performance Evaluation Discipline(s)*		OV/CE&I	
Project name	LA1: Port Allen Cana	1: Port Allen Canal Bridge Replacement Phase 1 HBI CE&I				Firm responsibility (prime or sub?) Prime			
Project number	H.001234			Owner's Name	Louisiana Department of Tra		ansportation and Development		
Project location	West Baton Rouge Pa	rish, LA		Owner's Project Man	ner's Project Manager Brian Delatte				
Owner's address, phone	e, email	1201 Ca	pitol Access Rd., Baton Rouge, LA 7	0804, 225-379-1823, bi	rian.delatte@la.g	OV			
Services commenced by this firm (mm/yy) 12/20		12/20	2/20		Total consultant contract cost (\$1,000's)		\$7,376		
Services completed by this firm (mm/yy) Ongoing				Cost of consultant services provided by this firm (\$1,000's)		\$4,380			

The LA 1: Port Allen Canal Bridge Replacement project is a significant crossing that effects traffic flow through West Baton Rouge Parish and can significantly impact traffic flow on Interstate 10 and Baton Rouge. The project location directly impacts the Port of Baton Rouge, Port Allen Locks, the Union Pacific Railroad Yard, and multiple industrial businesses.

This project includes, but is not limited to, construction of a new LA1 southbound bridge over the Intracoastal Canal, approach roadway, Ernest Wilson Dr., and 2 at grade railroad crossings in Port Allen, LA in West Baton Rouge Parish. The new LA1 southbound bridge will be on a new alignment to the west of the existing bridges. It will consist of LG-72 & LG-78 PPC Girders spans, hunched steel plate girder main spans, column bents and pile footings. The approach LA1 southbound roadway will be Portland Cement Concrete Pavement and Ernest Wilson Dr. will be Asphalt Concrete Pavement.

Phase 1 will utilize traffic shifts and phased construction. The traffic shifts and proposed phased bridge construction will be complex with many considerations of constructability, such as crane placement and lifting capabilities, lane shift lengths and site distance, longitudinal profiles for safe transitions from one structure alignment to another, and work above and adjacent to the Port Allen Lock. The project involves asphalt concrete, portland cement concrete, embankment and base course, structural concrete, and bridge coatings. After construction is complete, the northbound and southbound will remain on the new bridge while the existing northbound bridge will function as an on-ramp to I-10.

PROJECT SIMILARITIES

- Major Bridge
- DOTD Project
- Navigable waterway
- New alignment
- Tie in to existing roadway

Team Members Who Worked on This Project: Roy Payne, PE | Mike Brown







Firm name	Richard C. Lambert Co	onsultant	TS .		Past Performance Evaluation Discipline(s)*		OV/CE&I	
Project name	Comite Diversion Canal CE&I and Utility Relocation Routes: US61, LA964, LA19, and LA67				Firm responsibility (prime or sub?)		Prime	
Project number	SPN: H.00781, H.00071	0, H.0022	73, AND H.001352	Owner's Name Louisiana Department of Ti		ransportation and Development		
Project location	East Baton Rouge Par	ish, LA		Owner's Project Manager Christina Brignac				
Owner's address, phone	e, email	1201 Ca _l	pitol Access Rd., Baton Rouge, LA 70	tol Access Rd., Baton Rouge, LA 70804, 225-379-1394, christina.brignac@la.gov				
Services commenced by	Services commenced by this firm (mm/yy)		06/20		Total consultant contract cost (\$1,000's)			\$2,905
Services completed by this firm (mm/yy) 0			Ongoing		Cost of consultant services provided by this firm (\$1,000's)		firm (\$1,000's)	\$2,269

LA 19, LA 964 and LA 67 are three State Highways that will cross the planned Comite Diversion channel that will provide drainage from the Comite River to the Mississippi River. Each highway's crossing will consist of construction of a vehicular diversion road, construction of new highway bridges over the Comite Diversion Channel, excavation of the Comite Diversion Channel within project limits, placement of revetment, removal of diversion road, and related activities. In addition, the LA 19 project also consists of a temporary railroad shoofly (on grade), existing roadway demolition, and wick drains and surcharge places at the vehicular and rail bridge ends.

Each highway project above will include a vehicular bridge approximately 300 feet long over the Comite River Diversion channel along the existing alignments of each highway. Phase 1 of each project will consist of the construction of a Diversion Road that will allow traffic to bypass the bridge construction on the current alignment with little to no interruptions. Once the bridges are built and traffic is switched back to the original alignments, the diversion road will be removed, and the channel excavation will be completed. Note that LA 19, LA 964 and LA 67 are separate projects and will all be at various stages of construction since they are being completed by different construction contractors.

In addition to the CE&I work on the projects listed above, RCLC is also coordinating all utility conflicts for the 9 mile long Comite River Diversion Channel. This includes all gas, communication, electric, water, etc. services from all utility companies within the channel right of way. Note that the largest utility, Florida Gas Transmission, has two large pipelines that weave in and out of the project limits and due to the size of these underground pipelines, relocation has been a very time consuming process requiring meeting with all entities throughout the project to reach a resolution. Coordination with the utility companies, City entities, DOTD, and the Army Corps of Engineers has been critical to reach an agreement for the relocations that span from the Mississippi to the west and the Comite to the east.

PROJECT SIMILARITIES

- Alternative Delivery
- DOTD Project
- Owner's Representative Engineering and Inspection
- Bridge over water

Team Members Who Worked on This Project:Roy Payne, PE | Mike Brown





Firm name	Richard C. Lambert Co	ichard C. Lambert Consultants				Past Performance Evaluation Discipline(s)*		
Project name	I-12 @ LA21 Interchang	2 @ LA21 Interchange Improvements & LA21 Improvements (Ochsner Blvd LA 1085)				Firm responsibility (prime or sub?) Prime		
Project number	ADOTD 059-01-0027, 454-04-0082, 059-01-0026			Owner's Name	St. Tammany Parish Departme		ment of Engine	ering
Project location	Covington, LA			Owner's Project Man	oject Manager Daniel Hill, PE			
Owner's address, phone	e, email	21454 K	Koop Road, Mandeville, LA 70471, 98	5-898-2552, dphill@st	pgov.org			
Services commenced by this firm (mm/yy) 08/05		08/05	8/05		Total consultant contract cost (\$1,000's)		\$1,648	
Services completed by this firm (mm/yy) 04/11				Cost of consultant services provided by this firm (\$1,000's)		firm (\$1,000's)	\$1,648	

I-12 @ LA 21 Improvements included the overlay and widening of an urban arterial roadway and widening of interstate interchange ramps by the addition of travel lanes and turn lanes. This project included mill and overlay of existing asphalt pavement, traffic signal modification, roadway base and pavement design, upgrading drainage, replacing guardrail, traffic detouring and sequence of construction. Reconstruction involved all new signage, two traffic signal modifications, improving cross walks and handicap ramps and accessibility throughout the route. This project was designed by RCLC, reviewed, and let through LADOTD Headquarters as an ARRA funded project.

LA 21 Improvements included the widening of existing three-lane urban arterial roadway to a four-lane, divided roadway with median and turn lanes for access management. Included new embankments, asphalt pavement, drainage structures, water and sewer relocation, new synchronized traffic signalization, traffic detouring and sequence of construction.

During all phases of construction, access to businesses remained open. Design required Solicitation of Views and Categorical Exclusion. Roadway widening required construction of vertical extensions of existing headwalls due to roadway widening encroaching on the limited right-of-way width. Reconstruction involved all new signage and two traffic signal modifications. RCLC designed and administered construction as a LADOTD Permit Project.













PROJECT SIMILARITIES

- Major highway construction
- Owner Engineering and Inspection Rep
- Tie in to existing interchange
- DOTD Project

Team Members Who Worked on This Project:Other Staff Depth Utilized for this Project

Firm name	Sigma Consulting Gro	up			Past Performan	ce Evaluation Discipline(s)*	Road	
Project name	I-220/I-20 Interchan	ge Imp.	& BAFB Access Design-Build		Firm responsibility (prime or sub?) Subconsultar			t
Project number	H.003370			Owner's Name		Louisiana Department of Tra	ansportation an	d Development
Project location	Bossier Parish, LA			Owner's Project Man	t Manager Corey Landry, PE			
Owner's address, phone	e, email	1201 Ca	pitol Access Road, Baton Rouge, Lo	puisiana 70804-9245, 225-379-1889, Corey.Landry@la.gov				
Services commenced by this firm (mm/yy) 04/19				Total consultant contract cost (\$1,000's)			\$3,041	
Services completed by this firm (mm/yy) 10/22					Cost of consultant services provided by this firm (\$1,000's)		firm (\$1,000's)	\$1,220

Sigma is a sub-consultant for this \$71 million Design- Build Project to provide full access from the I-20/I-220 interchange directly to the Barskdale Air Force Base (BAFB). We performed all roadway design including design reports, geometrics, hydraulic analysis and design for open channels and subsurface drainage, permanent striping, cross sections, clearing and grubbing plans, and quantities. The drainage design included analyzing existing cross drains and designing new cross drains for Musselshell Bayou, which required a 10x10 RCB and bridge scour analysis at a second crossing. Sigma also is responsible for preparing the Storm Water Pollution Prevention Plan (SWPPP) and temporary erosion control plans. Sigma is providing independent reviews of the transportation management plan, traffic control plans, and the Interchange Modification Report (IMR) re-evaluation.

The project consists of constructing a new 4-lane rural arterial (LA 1267) extending from the existing I-220 terminus north of I-20 southward to a terminus within the Barksdale Air Force Base. This includes an elevated section crossing over the Kansas City Southern Railway (KCS RR) and Musselshell Bayou. Access from I-20 eastbound and westbound to this new route will be provided via at grade ramps and loop ramps. I-20 westbound will also be widened to add acceleration lanes from the SB-WB ramp and a new C-D road connecting the loop ramps.

Sigma coordinated the above-mentioned design activities for the Builder James Construction Group, in a very compressed time frame.

The scheduled time from contract execution to the beginning of construction activities is 5 months, and all design activities are scheduled for completion in the first 11 months of the project. Sigma will be providing construction support for roadway and drainage.

Sigma is also performing Subsurface Utility Engineering for the project. Several major fiber optic lines and pipelines cross the project. SUE responsibilities include QL-B and QL-A investigations on all utility conflict points and construction related coordination services. A total of 18 QL-A testholes were performed on multiple fiber optic and gas lines ranging from 2" to 10" in size. Approximately 1600' of QL-B locating services were also performed on these lines. This task was invoiced at \$113,847.50.









PROJECT SIMILARITIES

- Design-Build Project
- DOTD Project
- · Local to Jimmie Davis Project
- Road Design
- Tie in to existing interchange
- Major Highway

Team Members Who Worked on This Project:Miles Williams, PE | Robert Lear, PE | Bryan
Harmon, PE



Firm name	Sigma Consulting Gro	up			Past Performan	ce Evaluation Discipline(s)*	Road	
Project name	I-10 & I-12 College Dr	ive Flyo	ver Ramp		Firm responsibility (prime or sub?) Subconsultant			t
Project number	H.013897			Owner's Name	Louisiana Department of Transpor		ansportation an	d Development
Project location	East Baton Rouge Par	ish, LA		Owner's Project Man	catherine Mastin, PE			
Owner's address, phone	e, email	1201 Ca	pitol Access Road, Baton Rouge, Lo	ouisiana 70804-9245, (225) 379-1652, Catherine.mastin@la.gov				
Services commenced by this firm (mm/yy) 09/20				Total consultant contract cost (\$1,000's)			Unavailable	
Services completed by this firm (mm/yy) Ongoing					Cost of consultant services provided by this firm (\$1,000's)		firm (\$1,000's)	\$172

Sigma has been contracted for necessary engineering and related services for Design-Build Project. Sigma's work includes supporting to the DOTD road design section throughout the duration of the project. The project includes the design, build and install of the I-10 and I-12 College Drive Flyover Ramp. Sigma is assisting with formal and informal design acceptances. The formal design acceptance includes approval of type, size and location and ready for construction plan approval.

The project includes new bridge over I-12, new roadway pavement and bridge structures from I-10 West south of the I-10/I-12 interchange all the way to College Drive. On I-12, the project begins at I-10/I-12 interchange along I-12 West continues to ramp to I-10 East. The final part of Design-Build Project is the College Dr exit which includes the changing of the ramp at college drive along with at I-10 and I-12.

Audits of the Design-Builder's Quality Control design polices has been conducted. Sigma has reviewed the design and plans development throughout the process. Review, recommendation and process of Request for Information, Change Orders and plan reviews will be conducted, as necessary. Sigma is a part of the review team and responsible for all design acceptance system.











PROJECT SIMILARITIES

- Design-Build Project
- DOTD Project
- Owner Verification Design Services
- Major Bridge Structure
- Definitive Design
- Clearing and Grubbing
- Drainage
- Traffic Maintenance Early work
- Roadway
- Pavement Marking & Signing
- Sequencing Phase 1-3

Team Members Who Worked on This Project:Miles Williams, PE | Robert Lear, PE | Bryan
Harmon, PE

Firm name	Bonton Associates				Past Performance Evaluation Discipline(s)* Road			
Project name	Ardenwood-Lobell C	onnecto	or Design		Firm responsibility (prime or sub?)			
Project number	20-CP-HC-0017			Owner's Name	East Baton Rouge Parish, Dept. of Transportation a			tation and Drainage
Project location	East Baton Rouge Par	ish, LA		Owner's Project Man	ager	Kahli Cohran, PE		
Owner's address, phone	e, email	222 Sai	nt Louis Street, 8th Floor, Baton Rou	uge, LA 225-283-0101	cohran@civilso	olutioncgi.com		
Services commenced by this firm (mm/yy) 11/22			Total consultant contract cost (\$1,000's)			\$677		
Services completed by this firm (mm/yy) 11/23					Cost of consultant services provided by this firm (\$1,000's)		\$677	

As part of the City of Baton Rouge's MOVEBR program, Bonton Associates is preparing the Final Design of a new connector road within the proposed Ardendale development. The proposed section is an urban/walkable, two-lane with pedestrian accommodations. The new connector road will connect Ardenwood Drive and Lobdell Boulevard and improve traffic capacity, pedestrian connectivity, safety, and access management. The Final Design Components include Topographical Survey and Development of Right-of-Way maps; Subsurface Utility Engineering (SUE); Landscaping and Green Infrastructure Implementation; Electrical and Illumination Design; and Final Design Roadway and Drainage Construction Plans & Specifications. Under a previous contract, Bonton Associates also performed the Design Study (Preliminary Engineering Phase) that developed and evaluated three conceptual alternatives based on pedestrian connectivity and facilities (bicycle and sidewalks), required Right-of-Way, wetland impacts, costs, and stakeholder interests associated with future development within the project area.

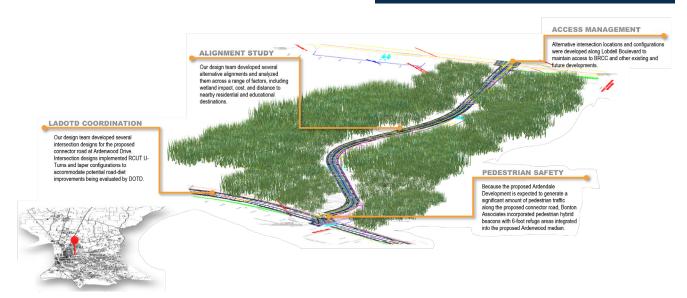
As prime roadway designer, Bonton Associates is developing the design plans by preparing horizontal and vertical geometry, drainage analysis, drainage design, design drainage maps, green infrastructure analysis and design, earthwork modeling, design surface modeling, quantities, and engineering calculations.

PROJECT SIMILARITIES

- Road Design
- Pedestrian Connectivity
- Green Infrastructure
- Landscaping

Team Members Who Worked on This Project: Marcus Bonton, PE | LaDarien Beene, PE, PTOE





Firm name	Wi-Skies				Past Performan	ce Evaluation Discipline(s)*	CE&I/OV, ITS	
Project name	I-285 at I-20 West Int	erchang	e Lighting		Firm responsibility (prime or sub?) Subconsultar			t
Project number	PI0019318			Owner's Name	Georgia Department of Transportation			
Project location	Atlanta, GA			Owner's Project Mar	nager Robert Graham, PE			
Owner's address, phone	e, email	600 Pea	achtree St., NW, Atlanta, GA 30308	404-631-1684 RGraham@dot.ga.gov				
Services commenced by this firm (mm/yy) 08/20				Total consultant contract cost (\$1,000's)			Unavailable	
Services completed by this firm (mm/yy) Ongoing					Cost of consultant services provided by this firm (\$1,000's)		firm (\$1,000's)	\$101

As part of GDOT's Major Mobility Investment Program (MMIP), the existing I-285 interchange with I-20 on the west side of the loop is being reconstructed to improve traffic flow throughout the interchange as well as adjacent interchanges. These improvements include increased entrance and exit ramps for all interchanges as well as the main interchange itself, some of which include eliminating weaving areas and replacing them with dedicated throughway tunnels.

Wi-Skies' role in this project is to serve as the GDOT Project Manager Operator for all lighting components throughout the project from planning through construction. The Phase 1 study included developing a conceptual lighting layout for the entire project, which consists mostly of high mast lighting throughout the interchange, as well as other areas that have conventional lighting and delving into whether expanding the lighting limits is warranted, based on sub-standard conditions, crash data or other conditions. There are also twenty-four underpass structures which were evaluated for potential daytime lighting within. Wi-Skies developed a lighting report which accompanied this conceptual lighting design, including photometric calculations, cost estimates as well as any potential conflicts or obstacles the design-build team may encounter during final design and construction. This information became part of the contract documents of which any perspective bidders must be compliant with. Wi-Skies will remain in charge of approving all lighting plans during final design, as well as final approval of all construction documents.

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PROJECT SIMILARITIES

- Lighting Design
- Structural Lighting Design
- Design-Build Project
- Owner's Representative

Team Members Who Worked on This Project: Joseph Marsh, PE

Firm name	Wi-Skies				Past Performan	ce Evaluation Discipline(s)*	OV/CE&I	
Project name	I-285 at SR 400 Inter	change	Lighting & ITS		Firm responsibility (prime or sub?) Subconsultar			t
Project number	PI000784, PI0721850			Owner's Name	Georgia Department of Transportation			
Project location	Atlanta, GA			Owner's Project Mar	nager Robert Graham, PE			
Owner's address, phone	e, email	600 Pea	achtree St., NW, Atlanta, GA 30308	404-631-1684 RGraham@dot.ga.gov				
Services commenced by this firm (mm/yy) 11/16			11/16		Total consultant contract cost (\$1,000's)			Unavailable
Services completed by this firm (mm/yy) Ongoing			Ongoing		Cost of consultant services provided by this firm (\$1,000's)			\$734

As part of the largest design-build effort the state of Georgia had ever undertaken, Wi-Skies designed the Lighting and ITS electrical system for the entire interchange. This is the busiest and fastest-growing interchange in the Atlanta area, subject to traffic volumes of over 250,000 vehicles daily. The overall design intent is to provide collector-distributor (CD) lanes throughout the project limits for a total of 8.3 miles along both SR 400 and I-285, which will eliminate much of the congestion in the area due to a poor existing interchange layout. ITS devices ranged from cameras, microwave sensors, dynamic message signs and variable speed limit signs, among others. Throughout the design process, several ITS revisions were made due to geometric and other changes.

One challenge in the layout was providing power and fiber to some devices due to the outward roadway expansion and existing ROW restrictions. As a solution, Wi-Skies deployed a combination of solutions, including special details and circuit delineation break points. A major challenge was that the contract required an extra 9A capacity at the end of each branch circuit, despite it not being a continuous load, still needed to meet NEC voltage drop requirements for continuous loads. Coupled with limited electrical service points available throughout the corridor, meeting this challenge became especially daunting. The solution was a transformer-based design, which both met voltage drop requirements, but ultimately saved money in cable costs, due to reduced cable sizes needed.

As this was *a massive design-build effort with an extremely aggressive schedule*, there were many construction phasing issues which required careful coordination between phases. Throughout the design process, several lighting design alternatives were designed and considered, including daytime lighting installations under three tunnels. Wi-Skies performed all the photometric calculations, voltage drop calculations and quantity calculations. Wi-Skies is also responsible for addressing RFI's and reviewing and approving shop drawing submittals as well as revising plans as deemed appropriate as necessary. These revisions included adding service point locations, revising circuitry, relocating ITS devices, revising details and bore locations and developing lightning protection plans. This project is currently under construction, which will continue for at least two more years.



PROJECT SIMILARITIES

- Design-Build Project
- ITS design
- Lighting Design
- RFI review
- Shop Drawing Review

Team Members Who Worked on This Project: Joseph Marsh, PE



Firm name	GOTECH				Past Performan	ce Evaluation Discipline(s)*	OV/CE&I, Survey	
Project name	I-12 Widening Desigr	n-Build P	roject		Firm responsibility (prime or sub?) Subconsultar			t
Project number	454-01-0047 & 454-02	2-0025		Owner's Name	Louisiana Department of Transportation and Develo			id Development
Project location	East Baton Rouge & L	ivingstor	n Parishes, LA	Owner's Project Mar	nager Mark Chenevert / Jeff Burst			
Owner's address, phone	e, email	1201 Ca	pitol Access Road, Room 405-E, Bat	4438 225-379-1	591 mark.chenevert@la.gov			
Services commenced by this firm (mm/yy) 02/09			02/09		Total consultant contract cost (\$1,000's)			Unavailable
Services completed by this firm (mm/yy)			08/12		Cost of consultant services provided by this firm (\$1,000's)		firm (\$1,000's)	\$2,950

GOTECH provided surveying, utility coordination, and construction inspection. For the I-12 Widening Project, GOTECH provided inspections services during the construction phase of the project. GOTECH provided a certified structural inspector, concrete paving inspection, coordinated the utility relocation work, prepared daily reports, witnessed testing of cylinder strength for early breaks to allow traffic to roll as soon as they obtained minimum strength, monitoring the construction of the roadway bridges and overpasses.

Survey work included the establishment of primary vertical and horizontal control within the project limits that will facilitate construction layout, and any surveying that is required to complete the design phase of the project.

The I-12 widening project consisted of expanding the interstate roadway to three travel lanes in each direction for a distance of approximately nine miles. The project extended from the O'Neal Lane intersection in East Baton Rouge Parish to the Walker exit in Livingston Parish. GOTECH was as a Sub-Consultant to James Construction Group.

PROJECT SIMILARITIES

- Design-Build QC
- DOTD Project
- Road and Bridge Inspection Services
- Testing Services
- · New major highway construction

Team Members Who Worked on This Project: John Poche











Firm name	Forte & Tablada	Forte & Tablada				ce Evaluation Discipline(s)*	Survey	
Project name	Calcasieu River Brid	ge Inves	stigation (HBI)		Firm responsibility (prime or sub?) Prime			
Project number	S.P. No. H.003931.5			Owner's Name	Louisiana Department of Trai		ansportation an	d Development
Project location	Calcasieu Parish, LA			Owner's Project Mar	nager Steven LeBlanc			
Owner's address, phone	e, email	1201 Ca _l	pitol Access Road, Baton Rouge, LA	_A 70802 225-379-1292 Steve.LeBlanc2@la.gov				
Services commenced by this firm (mm/yy) 05/21			05/21	Total consultant contract cost (\$1,000's)			\$4,282	
Services completed by this firm (mm/yy) 12/22			2/22		Cost of consultant services provided by this firm (\$1,0			\$4,282

Forte and Tablada has been heavily involved in the Interstate 10 Calcasieu River Bridge Replacement project since 2019. Multiple task orders have been completed involving a range of surveying activities including terrestrial laser scanning and modeling the I-10 bridge, performing Terrestrial Mobile LiDAR for the 7.3 mile corridor along I-10, performing the largest Topographic Survey and Existing Drainage Map in the firm's 61 year history and providing supplementary, as needed services, such as pipe rack and truss clearances from the survey grade computer model. The survey also included a multibeam hydrographic survey of the Calcasieu River.

The topographic survey was performed in accordance with LA DOTD's Location and Survey Manual. Forte and Tablada coordinated with the Subsurface Utility Engineer assigned to this project to survey and depict an ACSE 38-02 Quality Level A & B utility investigation. The largest challenge for this project was the advanced schedule. Forte and Tablada was able to overcome this challenge through the use of up to 7 field crews simultaneously working on the project and advance measurement technology including terrestrial stationary LiDAR, mobile terrestrial LiDAR, single beam hydrographic surveying equipment and multibeam hydrographic surveying equipment.

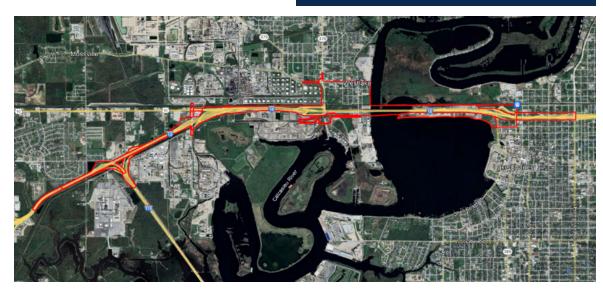
PROJECT SIMILARITIES

- Major Bridge
- Bridge over Navigable Waterway
- DOTD Project

Team Members Who Worked on This Project: Tommy Lake







Firm name	Terracon Consultants	Terracon Consultants				ce Evaluation Discipline(s)*	Geotechnical	
Project name	US 90 (I-49 South) A	lbertson	is Parkway Design-Build		Firm responsibility (prime or sub?) Subconsulta			t
Project number	H.010620			Owner's Name		Louisiana Department of Tra	ansportation an	d Development
Project location	Broussard, LA			Owner's Project Mar	nager	Peggy Jo Paine, PE		
Owner's address, phone	e, email	1201 Ca _l	pitol Access Rd, Baton Rouge, LA 70)802 337-475-4287 F	Peggy.Paine@la.g	jov		
Services commenced by this firm (mm/yy) 02/15				Total consultant contract cost (\$1,000's)			\$350	
Services completed by this firm (mm/yy) 12/18					Cost of consultant services provided by this firm (\$1,000's)		firm (\$1,000's)	\$350

Terracon provided geotechnical design of the substructure of two bridges and global stability and settlement analysis for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment. Dynamic Pile Testing was performed during construction to verify pile capacities. Terracon reviewed the CAPWAP results and provided recommendations for adjustment of the resistance factors or pile order lengths to accommodate slight variations in nominal capacity obtained at each bent. Terracon also provided construction phase support to the design build contractor in evaluating of settlement monitoring data for the MSE walls for compliance with the contract requirements, pile bent acceptance, resolving NCRs, and supporting evaluation of RFIs.

PROJECT SIMILARITIES

- Design-Build
- DOTD Project
- Geotechnical Design
- Bridge Structures

Team Members Who Worked on This Project: Steven Greaber, PE | Lynne Roussel McMillen, PE











Firm name	Terracon Consultants				Past Performan	ce Evaluation Discipline(s)*	Geotechnical	
Project name	I-49 South at Verot S	chool R	oad		Firm responsibility (prime or sub?) Subconsultar			t
Project number	H.011235			Owner's Name		Louisiana Department of Tra	ansportation an	id Development
Project location	Lafayette, LA			Owner's Project Mar	<i>ect Manager</i> Corey Landry, PE			
Owner's address, phone	e, email	1201 Ca _l	pitol Access Road, Baton Rouge, Lo	ouisiana 70804-9245, 225-379-1889, Corey.Landry@la.gov				
Services commenced by this firm (mm/yy) 06/18				Total consultant contract cost (\$1,000's)			\$442	
Services completed by this firm (mm/yy) 02/22				Cost of consultant services provided by this firm (\$1,0		firm (\$1,000's)	\$442	

Terracon was a geotechnical subconsultant responsible for performing 30 deep borings, 67 shallow borings, including 33 located within the existing roadways, 15 CPT soundings, lab testing, installing and monitoring piezometer, and preparing soil surveys and boring logs for planned new bridges, roadway widening, and retaining wall structures.

Prior to mobilizing exploration equipment, Terracon's drilling manager and drilling personnel conducted extensive site visits to mark boring locations, meet with private landowners and utility locators, and verify boring access and site conditions. Terracon coordinated field activities with DOTD district personnel, including the required traffic control. Traffic control, including shoulder and both daytime and overnight lane closures, was required to complete several borings. Terracon mobilized multiple pieces of exploration equipment to complete all fieldwork in a timely and provided regular updates to team members about the project.

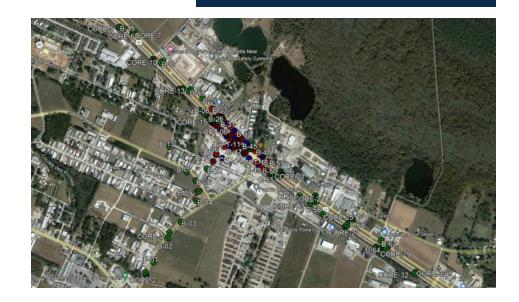
After completing the field exploration and lab testing programs, Terracon prepared pile nominal resistance calculations for the planned bridge substructures in accordance with DOTD standards. Terracon additionally performed stability and settlement analyses for the MSE Walls. Terracon communicated with the design team and updated the analyses and recommendations throughout the design process, as necessitated by changes in the design.

PROJECT SIMILARITIES

- Owner's Representative
- DOTD Project
- Geotechnical Design
- Construction Geotechnical Reviews

Team Members Who Worked on This Project: Steven Greaber, PE | Lynne Roussel McMillen, PE





APPROACH AND METHODOLOGY







18. Approach and Methodology:

To meet the challenges of this critical project - which include maintaining the quality, cost, and schedule goals of a Design-Build project, as well as addressing the environmental concerns associated with barn swallow nesting and navigable waterway crossings - we have assembled a team that offers LADOTD quality design reviews and inspections, expertise in navigable waterways, and extensive Design-Build experience.

PROJECT UNDERSTANDING

LADOTD needs a trusted partner to provide all necessary engineering and related services of Design-Build Owner Verification (OV) for approximately 4 years. The existing Jimmie Davis Bridge is a historic steel truss that will be rehabilitated into a linear park for bikes and pedestrians, with connecting trails allowing visitors a birds-eye view of the protected barn swallows that inhabit the bridge area. A new LA 511 4-lane bridge structure, and 4-lane divided highway will be built adjacent to the existing structure and tied into the Clyde Fant and Arthur Teague Parkways, with full access interchanges.

The Michael Baker Team at a Glance

Michael Baker International - Prime Consultant and Managing Firm Providing Design Reviews, Contract Administration, and OV/CE&I Services

- Partnered with DOTD on similar projects for more than 15 years
- Assisted the DOTD and FHWA in developing Louisiana's first Construction Quality Assurance Plan
- Proven success in the OV role for Design-Build projects such as the John James Audubon Bridge
- In-depth familiarity with the Jimmie Davis Bridge replacement, as a result of preliminary design research for the original Design-Build contract
- Trusted partners in Project Manager Mary Flynn and Principal-in-Charge Daniel Thornhill

Construction Engineering & Inspection Services

Design Reviews & Support Services

WSP USA - Structures and Roadway Design Reviews, Structural Rehabilitation, Coatings Inspection Support

- National experience in Design-Build and designing major bridge construction projects
- Staff with first-hand knowledge on existing Jimmie Davis bridge rehabilitation plans
- Specialized expertise in lead paint removal and bridge coatings

Forte & Tablada - Roadway/Drainage Design Reviews, Surveying Services

- Provided engineering and design related services for approximately 150 Off-System bridge sites in 38 different parishes throughout the state
- Known leaders in surveying across the state
- Local office and team in Shreveport available to LADOTD for quick on-call response

Terracon - Geotechnical Design Reviews, Materials Testing Laboratory

- Offers three Accredited Laboratories within an hour from the project site and fully staffed with certified technicians
- Experienced Geotechnical Design review on DOTD D-B projects (John James, I-10, US90/I-49)
- Readily available to supplement the project at any time
- One office located locally in Shreveport

Sigma Consulting Group - Design-Build Advising, Roadway/Drainage Design Reviews

- Continual success providing design for LADOTD Design-Build projects
- In-Depth familiarity with the Barksdale AFB requirements and recent local interstate improvements, which will tie into the Jimmie Davis Bridge Replacement
- Lead design firm for the I-10: Highland to LA 73 Design-Build Project
- OV Team Member for the College Drive Flyover Ramp project

Bonton Associates - Traffic and Linear Bridge Park Design Reviews

- Local office and team in Shreveport available to LADOTD for quick on-call response
- Recently completed three pedestrian facility improvement projects for LADOTD

Wi-Skies - Electrical Design Reviews

- National leaders in lighting and ITS review on design-build projects
- Capable of providing both design and on-site field inspection staff

Richard C. Lambert Consultants - Asst. Project Engineer, DOTD Liaison, Inspection Support

- Notable and extensive DOTD experience with projects such as the LA1: Port Allen Canal Bridge Replacement (Phase 1 HBI CE&I), the Comite Diversion Canal CE&I and Utility Relocation Routes, and other important projects
- We have partnered together, leveraging Michael Baker's Design-Build experience to share our knowledge of Design-Build projects and processes

GOTECH - Field Inspection Support

- Exceptional working relationship with Michael Baker staff on past projects, including multiple IDIO task orders
- Provides additional depth of inspection staff to our team

STAGE 5: OWNER VERIFICATION SERVICES

Milestone: OV Selection

- · Within 15 days, hold kick-off meeting with DOTD
- Within 30 days, provide DOTD a work hour proposal identifying specific positions and anticipated hours to perform the scope, including anticipated direct expenses

Milestone: OV Award

Upon award of this contract, Michael Baker will provide the following deliverables:

- List of all job classifications for each team member for development of "Specific Rates of Compensation"
- Within 10 days of Award, Submit QA/QC plan to DOTD PM, which will include:
 - » Design and submittal review and Acceptance, including over-the-shoulder reviews, and Formal acceptance, methods of correspondence between Design Build (D-B) and OV teams to capture critical conversation and agreements, design Request for Information (RFI) process, field design change reviews, and Release for Construction (RFC) circulation.
 - » Owner Verification Testing Inspection Plan, detailing authority and responsibility of each position; procedures for inspecting work, work acceptance, maintaining personnel training and certification, document control (including RFI process), non-conformances (NCR), and maintaining equipment calibrations; Internal audit procedures of work and documentation for all project staff, including subconsultants; verification of Contractors Quality Management Plan (CQMP) practices and procedures; and IA coordination.

Milestone: Design-Build Award

Within the first 60 days after award of the D-B Contract, the OV Team will assist the DOTD in the set-up functions, including:

- Assist DOTD in set up of Price Centers (PC) and Progress Check Points (PCP) per D-B Price Proposal in the Documentation Database
- Hold the Pre-Work Conference in which the D-B will provide activity planned for the first 60 days, list of intended sub-contractors and material suppliers
- Review/approve initial 90 day work schedule, then CPM Baseline Schedule within 45 days of D-B Award
- Review the Contract Submittal List (CSL) and OMF-1a's, and coordinate with DOTD PM on review teams for each submittal type (Bridge, Road, Drainage, etc.)
- Manage, Participate and document required meetings: Design Workshop, Site Mobilization, Design Mobilization, Partnering
- Review and recommend acceptance for all required submittal plans: Design Review Plan, Periodic Payment Schedule, Quality Plan, Site Safety Plan, Schedules for erosion control, FAA Permits (Notice of Proposed Construction or Alteration), Transportation Management Plan, Utility Relocation Plan, Construction Quality Management Plan, Site Security Plan, ROW acquisition Plan, and Geotechnical Planning Report.
- Partnering Meeting Principal in Charge, Project Managers, Project Engineers, Design Manager,
 Office and field admin, and Design review teams (road, bridge, geo, traffic) will all participate.
 The OV PM will commit to follow up on actions as determined in the meeting as well as make a
 deliberate effort to foster working relationships for the duration of the project.

Milestone: Design-Builder Starts Work

Communication: Project Engineer Gary Icenogle, PE will represent the interests of DOTD at every meeting. A well communicated project is a successful project. Finding a balance between good communication without creating unfruitful meetings requirements will include:

- Weekly Progress Meetings: Objective is to discuss progress, outstanding submittals, review unresolved issues, establish that no delays have occurred and no claim pending; review the look-ahead to secure proper material testing, staffing resources, and identify press releases and closure notices that need to be submitted to DOTD by our Liaisons, Gary Icenogle, PE, and Roy Payne, PE. Summary of this meeting will be documented and provided to DOTD PM and attendees.
- Submittal and Plan Meeting: Due to the quantity of submittals requiring review and
 acceptance, it is often beneficial to hold a short separate meeting in the beginning months
 with the lead reviewers and D-B designers to discuss priority of reviews, pending submissions,
 progress of current reviews, clarifications. These will be held weekly as-needed until submittal
 reviews taper off. This provides an opportunity to get comments immediately without the need
 of a Form DR, and enables the entire team to be on the same page. All comments are recorded
 and transmitted to attending members.
- Pre-Activity Meeting: Held prior to the start of each major activity (such as pile driving, deck pour, embankment/base, etc.). The objective is to review the QA/QC plan, contractor's work plan, establish expectations from both sides, and identify acceptance measures and points of contact. Individuals directly involved with the operation will attend: the lead inspector, contractor foreman (including subcontractor), and suppliers (asphalt or concrete).
- Utility Meeting: If conflicting utilities have not been moved prior to construction, we will
 hold a bi-weekly independent utility meeting to keep apprised of utility progress and identify
 potential work shifts to non-impacted areas to minimize schedule impacts. Conflicting utility
 company, OV Liaison, and contractor PM required for this meeting.
- Monthly CPM Schedule Meeting: Michael Baker's CPM Schedule Reviewer, Gary Chodkowski, PE, will hold a separate meeting to review schedule updates, dispute of logic, recovery schedules and slippage with the contractor; Contractor PM and Project Engineer required for this meeting.
- Dispute Resolution: when communication has a breakdown and cannot be resolved to agreement, Gary Icenogle will assist DOTD in potential claim or dispute by performing research, reviewing documentation, and summarizing records to support DOTD

Design Support Service

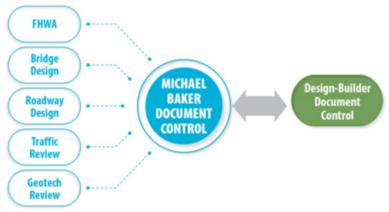
Provided by Michael Baker, WSP, Sigma, Bonton, Wi-Skies, Forte & Tablada, and Terracon

Upon award of OV contract, the **OV Design Manager, Kenny Collins, PE**, will meet with the DOTD PM to establish design review teams, including both OV and DOTD reviewers.

- Informal Reviews: to increase efficiency and eliminate any major design flaws early in development, it is encouraged for the D-B design team and OV design team to have informal meetings and calls to gain clarification during the design development process. These calls and informal meeting are then summarized in follow-up emails, copying the Design Manager, DOTD PM, and Office Administrator to include in project documentation.
- Formal Reviews: OV Office Administrator, Belinda Bondy, will be the single point of documentation control contact with the D-B. She will take receipt of all incoming submittals,

log receipt and due date, scan into the DOTD Documentation Database, and forward all Design related submittals to Kenny Collins, and all field related submittals to Gary Icenogle. Kenny will then forward to the specific design team designated by the DOTD PM for review (bridge submittals go to bridge review team, and so on). He will ensure review responses are returned by each team expeditiously, collated to eliminate repetition on a Form DR, and returned to **Belinda Bondy** to be logged and transmitted back to the D-B. Once all comments are addressed, the final RFC plans and a copy of addressed comments are transmitted by Belinda to the FHWA for concurrence.

- Rehabilitation Design: WSP Design Reviewer, Arunava Saha, PE, was the lead designer on the prior rehabilitation designs. His prior experience and knowledge of the remediation of the Jimmie Davis structure will allow reduce review times of the D-B submittals.
- Kenny is responsible for reviewing the submitted plans to ensure the QC design policy was followed prior to OV team review.
- Additionally, the OV design team will review design related RFIs and Field Changes, make recommendations, assist in Change Order Development as needed.



Construction Support Service

Provided by Michael Baker, Richard C. Lambert, WSP, Forte & Tablada, GOTECH, and Terracon

Full-Time Project Engineer, Gary Icenogle, PE will oversee construction administration and CE&I. Gary and OV PM, Mary Flynn, will coordinate with DOTD and FHWA for on-site field reviews and Independent Assurance reviews.

• Work Acceptance: On a D-B Project, the OV Firm is verifying that the D-B is building the project according to the method and procedure approved in the Construction Quality Management Plan (CQMP) thru inspection, sampling and testing. The Acceptance of work is based on the OV verification validating the results of the QA Firm. The OV Firm is responsible for verifying conformance to plans/specifications, accepting work for payment, and notifying contractor and project engineer if work is not satisfactory or if any condition threatens to impact safety, cost or schedule. Acceptance includes visual inspections, sampling, testing and appropriate certifications (Cert of Conformance, Cert of Analysis, Buy America, etc.) per the project Sampling Plan. The project engineer will notify the D-B Quality Manager and issue an NCR if unsatisfactory work is not corrected. At month end, the inspector will verify contractors request for payment against project records for concurrence and will be responsible to resolve outstanding requirements for payment.

- Change Management: Even when design is controlled by the D-B, the project could still encounter unforeseen conditions, or identify a discrepancy in the contract documents that leads to the need of a Change Order. The Project Engineer and D-B PM will meet to discuss the specifics of the change, review costs and time implications, and upon agreement, the OV Project Manager will propose all collected documentation and recommendations to the DOTD PM. Once the DOTD PM approves the Project Engineer will prepare the Change Order with justification and appropriate backup per specification 109.04, upload all documents to Content Manager and SiteManager, and work with all approving parties to obtain seamless approval. Ms. Bondy will subsequently distribute for signature and file for closeout.
- OVTIP: The Owner Verification Testing and Inspection Plan, developed in the early stages of the
 project, describes the methods and procedures that the OV field team will utilized to maintain
 their own credibility (certifications, calibrations), inspect each aspect of construction, analyze
 results, how they will respond to variations as well as approvals, how they will communicate
 with DOTD District Lab for Independent Assurance (IA) sampling and testing, etc. The OVTIP is
 a living document and will be revised to reflect methods and procedures compatible with the
 D-B COMP and within the requirements of the Construction Quality Assurance Plan (COAP).
- Sampling and Testing: All materials used on the project, included those fabricated off-site, will
 be visually inspected, sampled and tested at the frequency identified in the CQAP Appendix G,
 and logged in the Documentation Database. Testing of samples will be conducted at the DOTD
 District Lab or at our local AASHTO-Certified OV Independent Testing Laboratory, Terracon.
- Utilities: Inspectors will inspect, test, and accept work performed by utility companies for compliance; track labor, equipment, and material on Force Account; and monitor progress according to contractor's schedule to provide update at weekly meetings.
- Specialty Inspection: Appropriately trained subconsultants will be brought in for specialized inspection. WiSkies' Electrical technician will perform ITS, lighting and signal inspections, WSP's will perform all lead remediation and coating inspection on the rehabilitation of the existing bridge, and Forte & Tablada will perform survey verifications of contractor layout.
- As-Needed Technicians: Technicians will be brought in on an as-needed basis, such as concrete field testing, asphalt plant, or nuclear density testing from the local Terracon staff. Terracon has 3 local laboratories within an hour of the project, each with available technicians to supplement this contract
- Traffic Control: An ATSSA TCS certified inspector will spot check that all traffic control devices
 are functioning properly, identify any observed near misses, verify TC dailies are maintained
 and accurate by the contractor daily, and communicate any required repairs to the contractor.
- Document Control: Field Office Manager, Liz Boone, will maintain all field records
 - » OneDrive: Field book, proposal, current plan set, RFI and NCR resolution, and material sampling and testing logs will be maintained on OneDrive or the Documentation Database designated by DOTD.
 - » Daily Work Reports: Inspectors record daily visual inspections, samples, and tests taken by OV and D-B personnel; they document all on-site personnel including visitors, D-B equipment, weather, work, Traffic Control, accidents, SWPPP inspections, and time charges.
 - » Distribution: Approved Shop drawings, approved plan revision, and RFI responses will be distributed to the field staff as provided by the Office Administrator.
 - » Field Initiated Documents: Engineering Judgements, NCR's and RFI's generated by the

- OV field team will be logged by the Field Office Manager and transmitted to the D-B through the OV Office Administrator.
- » Samples and Tests: All documentation pertaining to materials sampling, testing results or certification, will be filed in the appropriate materials section for expedient 2059 closeout. Monthly, Liz will compare SiteManager Material entries against inspectors sampling logs to verify requirements of the sampling plan are being met.
- » Quarterly Report: The Project Engineer will develop a quarterly report includes Level 1 statistical validation of the DB's QC sampling and testing utilizing OV's testing; Level 2, QC tests validated by OV tests at a lesser frequency; and, Level 3, those items requiring strictly visual inspection. This Report also includes failing materials, NCR's with updated log, Engineering Judgement's and updated log, etc.
- » Audit: Project Engineer and Office Manager will perform an audit on DWR entries and field book pay quantities at the close of each partial estimate date; authorize all daily entries, a draft estimate of the pay quantities will be reconciled with the contractor prior to submitting for approval within SiteManager.
- » Partial Estimates: Review Monthly Progress reports required to accompany D-B payment request (including narrative, quality certification, safety reports, schedule updates, subcontract reports, quantity calculations, updated submittal list, photos, etc.); prepare monthly estimate, Review Design Report, Review/approve Baseline Schedule update, Review Certified Payroll and statements of Compliance, SWPP inspection, etc.

- » Weekly Progress Reports: Provide weekly progress reports to the DOTD Manager summarizing previous week's completed work and anticipated work for the current work week each Monday morning.
- » As-Built Plan: Completed work will be noted on a working copy of as-built plans with any changes monthly to ensure all changes are captured

Milestone: Substantial Completion/Acceptance

Acceptance: Upon substantial completion of each task order, the Project Engineer will stop time and arrange a final inspection with all interested parties and a punch list will be developed. Upon completion of the punch list, the OV Project Manager will provide the DOTD PM a recommendation of final acceptance.

Closeout:

- Upon completion of the punch list, the Project Engineer will submit Form 2059 and all backup documentation to the DOTD District Lab Engineer
- Project Engineer will review D-B's As-Built plan set for accuracy and completeness.
- Final Estimate package is assembled per Audit checklist including Final Estimate, final Weather and Workday Report, original Change Orders, D-B's "as-built" plans, field books, etc.
- Upon acceptance of Form 2059, Ms. Flynn will schedule delivery of the final audit box to the DOTD headquarters for review and acceptance
- Final Audit box will be hand delivered to DOTD Audit Department within 30 days of project final acceptance

PROJECT SCHEDULE

Based on our review of the project scope and our experience with Design-Build delivery methods from more than 90 projects, we have prepared a draft schedule for DOTD's consideration. Once we are able to meet with the contractor, and review their proposed schedule, Michael Baker will prepare a detailed Critical Path schedule for DOTD's review. The **blue text** in the schedule below indicates estimated milestones, based on the CPM schedule submitted by the Design-Build contractor.

			2023			20)24			20	25			20	26		2	027
	Duration	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2
OV Award	Start day 1	\Diamond																
Set-Up	60 days																	
Contract Admin	4 years																	
Start Work	Day 60	\sqcap	>															
Design	18-24mos																	
Field Change Review	3-3-1/2 years																	
New Construction	3 years																	
Rehab Old Bridge	1-1/2 year																	
Substantial Complete	Day 1460																(>
Punch list	30 days																	
Project Acceptance	Day 1490																	\Diamond
Liaison	4 years																	
Partnering	4 years																	
Dispute Resolution	4 years																	
Closeout	90 days																	
Audit Box Delivery	Day 1520																	\Diamond

Contractor Start 04/01/2023 (est) Contractor Complete 03/31/2027 Michael Baker Start 04/01/23 Michael Baker Complete 05/30/2027

WORKLOAD







19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s)	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance **
		Contract No. 4400014845 Task Order No. H.012018.6 S.P. No. H.012018.6 F.A.P. No. H012018	Adaptive Traffic Signal and Implementation, Lafayette Parish	\$246,909
		Contract No. 440001485 Task Order No. H.0003184.6 S.P. No. H.003184.6	IDIQ Contract for Construction Engineering and Inspection Services with majority of work in District 07, I-10: Texas State Line - E. of Coone Gully, Calcasieu Parish	\$330,763
		Contract No. 440001485 Task Order No. H.013959.6 S.P. No. H.013959.6 F.A.P. No. H013959	IDIQ Contract for Construction Engineering and Inspection Services (CE&I) with Majority of Work in District 07 Statewide Reeds Bridge Road over Calcasieu River Relief, Calcasieu Parish	\$286,490
Michael Baker International	CE&I/OV	Contract No. 4400013851 Task Order No. H.013271.6 S.P. No. H0.013271.6 F.A.P. No. H.013271	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish	\$4
		Contract No. 4400013841 Task Order No. H.012473.6 S.P. No. H.012473.6 F.A.P. No. H012473	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide Marconi Dr. Shared-Use Path	\$5
		Contract No.4400013851 Task Order No. H.009308.6 S.P. No. H.009308.6 F.A.P. No. H009308	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide New Orleans DPW SRTS Sidewalk Project	\$86,957

	CE&I/OV	Contract No.4400013851 Task Order No. H.012527.6 S.P. No. H.012527.6 F.A.P. No. H012527	Local Road Safety Upgrade (W. Feliciana) West Feliciana Parish	\$67,424
		Contract No.4400013851 Task Order No. H.013082.6 S.P. No. H.013082.6 F.A.P. No. H013082	Bootlegger Road Sidewalks St. Tammany Parish	\$43,563
		Contract No. 4400024424 Task Order No. H.013256.6 S.P. No. H.013256.6 F.A.P. No. H013256	CONTRACT FOR I-10 ITS SCOTT TO LAKE CHARLES (CE&I) ROUTE: I-10 LAFAYETTE, ACADIA AND JEFFERSON DAVIS PARISHES	\$39,571
Michael Baker International	ITS	Contract No. 440001485 Task Order No. H.012381.6 S.P. No. H.012381.6 F.A.P. No. H012381	IDIQ Contract for Construction Engineering and Inspection Services with majority of work in District 07, Fiber Optic Mapping and Management Statewide, Calcasieu Parish	\$943
		Contract No. 440001485 Task Order No. H.011500.6 S.P. No. H.011500.6 F.A.P. No. H011500	IDIQ Contract for Construction Engineering and Inspection Services with majority of work in District 07, Lake Charles ITS Phase 3, Calcasieu Parish	\$987
	Road Bridge	Contract No. 4400021519 S.P. No. H.012030.5 F.A.P. No. H012030	US 371: KCS RR Overpasses HBI	\$279,497 \$279,497
	Road Bridge Environmental	Contract No. 4400019379 S.P. No. H.013797 F.A.P. No. H013797	LA 30: EBR PL-I-10	\$99,285 \$51,325 \$199,243
	Environmental	Contract No. 4400005484 S.P. No. H.005168 F.A.P. No. DE-9208 (500)	NORG-Jefferson Highway EA, New Orleans, Louisiana Supplemental Agreement	\$722,205
	Environmental Road	Contract No. 4400005484 S.P. No. H.005168	NORG – Avondale PEL Study, New Orleans, Louisiana Supplemental Agreement	\$726,708 \$62,876

	Other (Water Resource)	Contract No. 4400017092 Task Order No. 2	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 6	\$549,805
		Contract No. 4400017092 Task Order No. 3	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 6	\$1,510,609
		Contract No. 4400017090 Task Order No. 2	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 4	\$838,415
		Contract No. 4400017090 Task Order No. 3	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 4	\$190,505
Michael Baker International		Contract No. 4400017067 Task Order No. 1	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 1	\$1,906,516
		Contract No. 4400023101 Task Order No. 1	IDIQ Contract for Louisiana Watershed Initiative/ State Projects Program (LWI-SPP) – Group 1	\$433,713
		S.P. No. H.015040.1& H.015041.1 Contract No. 4400023101 Task Order No. 2	Beauregard, Vernon, and St. Landry Parishes IDIQ Contract for Louisiana Watershed Initiative/ State Projects Program (LWI-SPP) – Group 1	\$252,825
		S.P. No. H.015044.1	Beauregard, Vernon, and St. Landry Parishes	
	Other (Aviation)	Contract No. 4400019130 Task Order No. 1	IDIQ Contract for Statewide Aviation Program Update – Phase II Statewide	\$4,980
	Bridge	Contract No. 4400025026 S.P. No. H.015338 F.A.P. No. H015338	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07	\$0
	Bridge	H.010253.5	ELEC. & MECH. ENG. ON CALL TO9	\$192,651
WORLOA		H.003931.5	LADOTD P3 Advisory Svs On Call T01	\$258,521
WSP USA		H.003931.5	LADOTD P3 Advisory Svs On Call TO2	\$246,640
		H.003931.5	LADOTD P3 Advisory Svs On Call TO4	\$1,818,105

	CE&I/OV	CONTRACT NO. 4400019550 STATE PROJECT. NO. H.001234 F.A.P. NO. H001234	PORT ALLEN CANAL BRIDGE REPLACEMENT PHASE 1 HBI CE&I West Baton Rouge Parish	\$3,399,787
		CONTRACT NO. 4400019680 STATE PROJECT. NO. H.013897 F.A.P. NO. H013897	COLLEGE DRIVE FLYOVER RAMP I-10/I-12 WEST East Baton Rouge Parish	\$691,266
		CONTRACT NO. 4400016942 STATE PROJECT NO. H.004791 FAP NO. H004791	LA23: BELLE CHASSE BRIDGE & TUNNEL (HBI) Plaquemines Parish	\$695,492
		CONTRACT NO. 4400020018 STATE PROJECT. NO. H.007160.6 F.A.P. NO. H007160	ENTITY CONTRACT EBR COMPUTERIZED TRAFFIC SIGNAL, PH VB (CE&I) East Baton Rouge Parish	\$416,962
Richard C. Lambert Consultants		CONTRACT NO. 4400009854 STATE PROJECT. NO. H.011276 (SEGMENT A) & H.011794 (SEGMENT B) F.A.P. NO. H011276 & H0011794	NEW ORLEANS AIRPORT CONNECTOR ROAD Jefferson Parish	\$0
		CONTRACT NO. 4400014278 STATE PROJECT. NO. H.011731 F.A.P. NO. H011731	WEST ESPLANADE BRIDGES @ DUNCAN CANAL Jefferson Parish	\$9,928
		CONTRACT NO. 4400017088 STATE PROJECT. NO. H.007811, H.000710, H.002273, H.001352 F.A.P. NO. H007811, H000710, H002273,	COMITE DIVERSION CANAL CE&I AND UTILITY RELOCATION East Baton Rouge Parish	\$1,551,839
		H001352 CONTRACT NO. 4400022231 STATE PROJECT. NO. H.012834 F.A.P. NO. H012834	JOLIET TRAIL (BRUSLEY) (CE&I) West Baton Rouge Parish	\$84,753
		CONTRACT NO. 4400024113 STATE PROJECT. NO. H.003047 F.A.P. NO. H003047	PECUE LANE/I-10 INTERCHANGE (CE&I) East Baton Rouge Parish	\$2,409,398.00

	CE&I / OV	4400004666, H.002868	Ambassador Caffery & US 90 Interchange Construction Support	\$97, 186
		4400013274, H.003003	I-10 (East Jct. I-49 to LA328) Construction Support	\$4,312
		4400013274, H.010601	I-10 (LA328 - LA347) Construction Support	\$255
		4400019680, H.013897	Owner Verification Services For College Drive Flyover Ramp I-10/I-12 West	\$43,589
		4400019010, H.014415	LA 352 Drainage Improvements	\$3,705
		Unavailable, H.004791	Belle Chasse Bridge & Tunnel Replacement	\$5,307
		4400018646, H.004100	I-10: LA 415 to Essen Lane on I-10 and I-12	\$591,372
	Road	4400019379, H.013797	LA 30: EBR PL - I-10 (Environmental Assessment)	\$88,345
		4400019010, H.010652	LA 73: US 61 (Airline) – Essen Lane	\$1,533
		4400019010, H.010116	LA 1088: Soult and Trinity Roundabouts	\$104,682
		4400024084, H.009300	CMAR Contract for Hooper Road Widening (LA 3034 - LA 37)	\$13,544
		4400019338	Rural Bridge Replacement Initiative Phase II (South)	
		H.012061	LA1	\$23,651
		H.012565	LA 963	\$62,949
	Bridge	H.012891	LA 300	\$40,461
Sigma Consulting Group		H.014213	LA 700	\$62,531
Group		H.014215	LA 20	\$91,207
		H.014216	LA 682	\$90,391
		H.014241	LA 10	\$43,525
		H.014251	LA 422	\$42,642
		H.014252	LA 1054	\$19,230
		H.014253	LA 421	\$39,546
		H.014254	LA 955	\$194,005
		H.014256	LA 952	\$84,031
		H.014257	LA 68	\$90,523
		H.014276	LA 975	\$29,887
		H.014278	LA 85	\$54,661
		H.014279	LA 35	\$47,859
		4400025041, H.015333	IIJA Off-System Bridge Program, District 62	\$16,305
	Survey	4400023782, H.013429	Entity Contract for Downtown Thibodaux Sidewalks	\$13,546
	Environmental	4400008711, H.004526	Leeville - Golden Meadow (Ph. 2 Permits)	\$210,153
Ponton Associates	Road	H.010116.5	LA 1088: Soult and Trinity Roundabouts	\$36,612
Bonton Associates		H.013429.5	Downtown Thibodaux Sidewalks Entity Contract	\$83,536

	959191	Contract No. 4400004631; Task Order No. H.003107.6	Retainer Contract for Construction Engineering Management and Staff Augmentation Services for District 62	\$0
		*Task Order No. 1 *Task Order No. 2	(St. Helena, Livingston, St. John, Tangipahoa, Washington & St. Tammany Parishes)	\$171,520
	CE&I/OV	Contract No. 4400017006;	I-10 / Loyola Interchange Improvements	¢400 470
		Task Order No. H.011670	(Jefferson Parish)	\$488,479
		Contract No. 4400017430;	LA 24 & 316: Company Canal Bridge CE&I	\$304,467
		Task Order No. H.001498.6	(Terrebonne Parish)	
GOTECH	Planning	Contract No. 4400017327	IDIQ Innovative Procurement & Alternative Delivery Support Services, Statewide	\$74,052
	CE&I/OV	Contract No. 4400019950 Task Order No. H.003003	IDIQ Contracts for Construction Engineering & Inspection Services, Statewide w/Majority of Work in District 03	\$0
		Task Order No. H.002151	(Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Martin, St. Mary & Vermilion Parishes)	\$68,000
		Contract No. 4400019550	LA 1: Port Allen Canal Bridge Replacement Phase 1 (HBI) (CE&I) Route LA 1	\$735,729
		SPN: H.001234	(West Baton Rouge Parish)	φ130,12 3
	CE&I/OV	Contract No. 4400023074	IDIQ Contract for Construction, Engineering & Inspection & Staff Augmentation - Pecan Island Rd - District 61	\$82,736
		Task Order No. H.010725	(Hammond)	
	Bridge, Survey	H.011965.6	IWGO Bridge Rehabilitation - Task Order 2	\$55,218
		H.011684	LA 327 Spur: Staring Lane Extension Route LA 327-S	\$50,279
	Survey	H.014416	LA 3125 at LA 3274 Roundabout	\$4,800
		H.011670	I-10/Loyola Additional Topo and ROW	\$43,811
	Bridge	H.009859.5	Load Rating Retainer - Task Order 1 - Load Ratings Due to Condition Drop	
		H.000303.6	Load Rating Retainer - Task Order 3 – Danziger Lift Bridge Additional Work	\$149,654
		H.009730.5	Load Rating Retainer - Task Order 4 - T-1 Steel Weld Inspections	\$15,710
Forte & Tablada	Bridge, Survey, Environmental	H.014261	Off-System Highway Bridge Program, Ouachita Parish	\$92,995
		H.014261	Off-System Highway Bridge Program, Rapides Parish	\$12,546
		H.014981.5	DOTD OSBR Hosston River Road over Kelly Bayou	\$88,870
		H.014989.5	DOTD OSBR Neff Lane over Wind Creek	\$92,309
	Bridge, Survey, Environmental	H.014990.5	DOTD OSBR South Tiger Bend Road and East Achord Road Bridges	\$173,570
	Bridge	H.015341	D61 (EBR): IIJA Off-System Bridge Replacement Program	\$279
	Road, Bridge	H.005734.5	LA 447 Corridor	\$661,001

Wi-Skies	Other	N/A	N/A	\$0
		H.003931.5-2	I-10: Calcasieu River Bridge Additional Borings	\$96,171
		H.002868	I-49 Frontage Road Bridges PDA Testing	\$191,770
	Geotechnical	H.012033	Cross Bayou and Caney Bayou	\$20,236
		H. 002794.5	LA 308 - Canal Bridges Near Larose	\$676
		H.012569	Little Sugar Creek Bridge	\$5,419
Terracon		H.000385.5	US190: LA415 & RR Overpass	\$213,763
		H.005121	LA-1 and LA-415 Connector	\$227,266
	Environmental	H.004273.5	Lafayette Urban Section (I-49 Lafayette Connector) Phase II ESA, Lafayette Parish	\$8,473
	Geotechnical	H.005967	Nelson Road Extension and Bridge	\$52,534
		H.011670	Loyola Interchange Design-Build	\$135,662
		H.011094	Hearne Ave Cross Bayou Bridge Replacement	\$143,435

CERTIFICATIONS/LICENSES







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

Michael Baker International

Mary Flynn, PE - OV Project Manager





Gary Icenogle, PE - Project Engineer



March 16, 2021

LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC. 666 North Street – Baton Rouge, LA 70802 Phone: 225/344-0432 * Fax: 225/344-0458

To Whom It May Concern,

This is to verify that the below listed employee Of Michael Baker International has successfully completed LADOTD required ATSSA Traffic Control Training.

ATSSA Traffic Control Supervisor Refresher Training - February 10, 2021 - Gary D. Icenogle

This letter will serve as temporary proof of training until above listed employees receive their official certificates from American Traffic Safety Services Association (ATSSA).

If there are any questions regarding this issue, please contact Mr. Brett Morgan of LADOTD at Headquarters in Baton Rouge, LA (225-379-1584) or Michael Demouy at the above captioned address.

Best Regards,

Michael Demouy – LAGC Manager



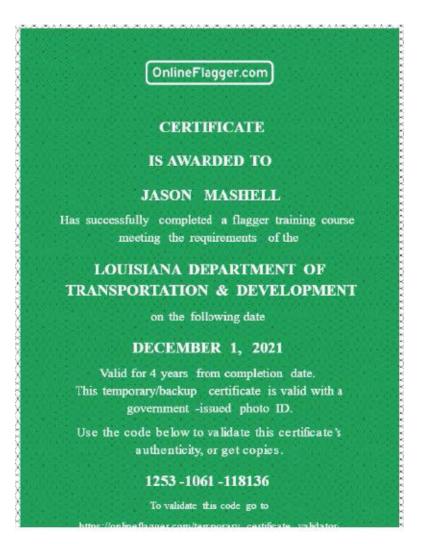
If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

Michael Baker International

Jason Mashell, PE - Deputy Project Manager







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

Michael Baker International

Gary Chodkowski, PE - CPM Schedule Reviewer



LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.

666 Nur Ir Street – Baron Houge, LA 70802 Phone: 2253/4-0402 * Fax: 226/344-0468 www.lage.org

March 12, 2021

To Whom It May Concern,

This is to verify that the below listed employee of Michael Baker International has successfully completed LADCTD required ATSSA Traffic Control Training.

ATSSA Traffic Control Technician & Supervisor Training - March 9-11, 2021 - Gary Chodkowski

This letter will serve as temporary proof of training until above listed amployees receive their official certificates from American Traffic Safety Services Association (ATSSA).

If there are any questions regarding this issue, please contact Mr. Brett Morgan of IADOTD at Headquarters in Baton Rouge, LA (225-379-1584) or Michael Demouy at the above captioned acdress.

Best Regards,

Michael Demo.y - LAGCM3 ager

OnlineFlagger.com

CERTIFICATE

IS AWARDED TO

GARY CHODKOWSKI

Has successfully completed a flagger training course meeting the requirements of the

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

on the following date

MARCH 17, 2021

Valid for 4 years from completion date.

This temporary/backup certificate is valid with a government -issued photo ID.

Use the code below to validate this certificate's authenticity, or get copies.

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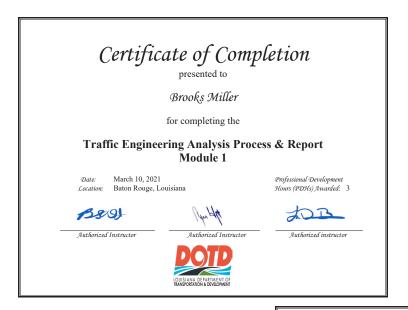
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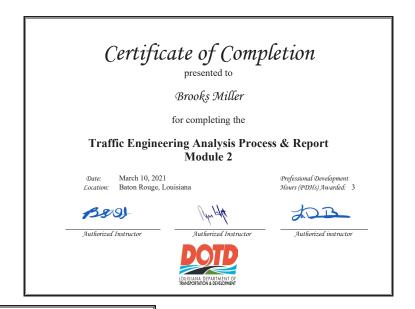
https://onlineflagger.com/temporary-certificate-validator/

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

Michael Baker International

Brooks Miller, PE, PTOE - Traffic Design Reviews - Lead



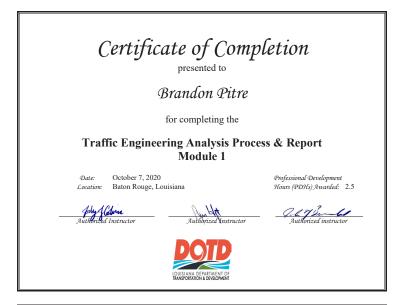




If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank.**

Michael Baker International

Brandon Pitre, PE - Traffic Design Reviews







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

Michael Baker International

Brandon Pitre, PE (contd.) - Traffic Design Reviews





Dear Certified Flagger:

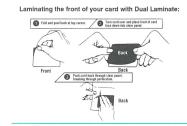
Enclosed, please find your card signifying you as a Certified ATSSA Flagger. This card should be carried and presented to employers while performing work on our roadways. Please be aware that the card is not valid without a Photo I.D.

American Traffic Safety Services Association (ATSSA) commends you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the "Leader in Roadway Safety" and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, please inform us of any changes in name or address so we may keep our records up to date.

Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at www.atssa.com for additional training courses or for any of our products created for use in a work zone.

Sincerely

Director of Training





American Traffic Safety Services Association 15 Riverside Parkway, Suite 100 • Fredericksburg, VA 22406-1077 Office: 540-368-1701 • Toll-Free: 800-272-8772 • Fax: 540-368-1717

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

Michael Baker International

David Dauzat - Lead Bridge Inspector









Lead Abatement/Sand
Blasting/Steel Girder Paint
Inspection Training |
DOTD District 8 |
Completion 2011

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

Michael Baker International

Terry Butler - Lead Roadway Inspector







This Flagger Training program includes requirements and procedures to direct pedestrian & vehicular traffic in compliance with the National Manual of Uniform Traffic Control Devices and The Department of Transportation

Completion Date: 03/12/2023 Expiration Date: 03/12/2026



IA©ET





Program Manager: Charles Hunt





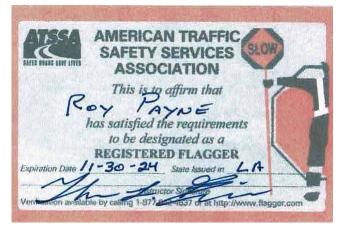
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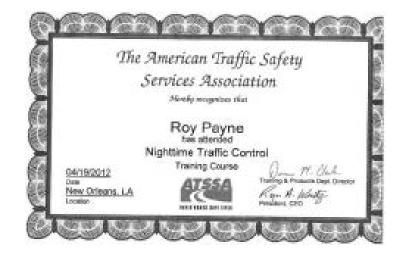
Richard C. Lambert Consultants

Roy Payne, PE - Assistant Project Engineer









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

Richard C. Lambert Consultants

Michael Brown - Certified Inspector





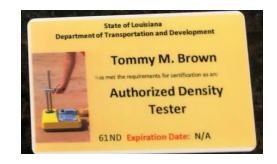








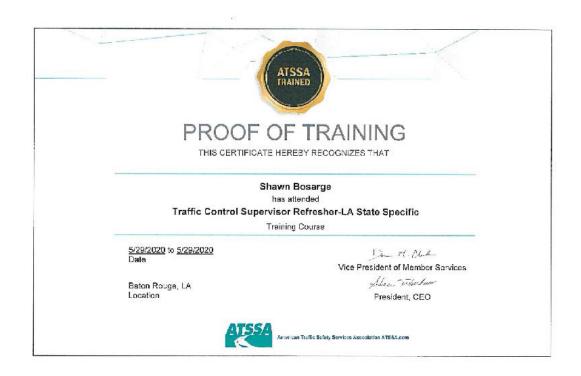


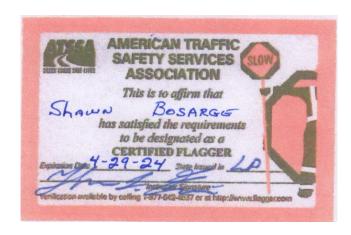


If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

Richard C. Lambert Consultants

Shawn Borsage - Certified Inspector









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

Richard C. Lambert Consultants

Felix Lechuga - Certified Inspector









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

GOTECH

John Poche - Certified Inspector



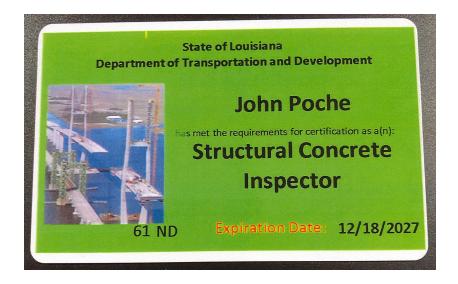


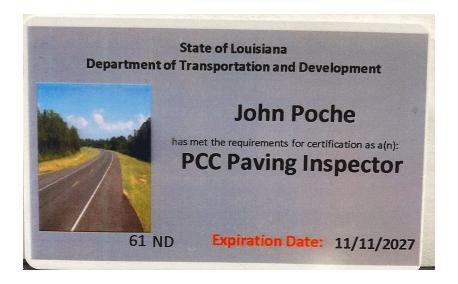


If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank.**

GOTECH

John Poche (contd.) - Certified Inspector

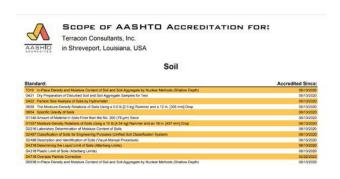




If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

Terracon





Page 2 of 4 This certificate was generated on 02/27/2023 at 3:33 PM Eastern Time. Please confirm the current accreditation status of this laboratory at



SCOPE OF AASHTO ACCREDITATION FOR:

Terracon Consultants, Inc. AASHID in Shreveport, Louisiana, USA

Quality Management System

Standard:		Accredited Since:	
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	08/13/2020	
C1077 (Aggregate) Laboratories Testing Concrete and Concrete Aggregates	08/13/2020	
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	09/16/2020	
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	08/13/2020	
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/13/2020	
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/16/2020	
E329 (Soll)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/13/2020	

Page 1 of 4

This certificate was generated on 02/27/2023 at 3:33 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Terracon Consultants, Inc. in Shreveport, Louisiana, USA

Aggregate

Standard:	Accredited Since:	
C29: Bulk Density ("Unit Weight") and Voids in Aggregate	06/13/2020	
C40 Organic Impurities in Fine Aggregates for Concrete	08/13/2020	
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	08/13/2020	
C127 Specific Gravity and Absorption of Coarse Aggregate	08/13/2020	
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/13/2020	
C136 Sieve Analysis of Fine and Coarse Aggregates	08/13/2020	
C702 Reducing Samples of Aggregate to Testing Size	06/13/2020	
D75 Sampling Aggregate	08/13/2020	

This certificate was generated on 02/27/2023 at 3:33 PM Eastern Time. Please confirm the current accreditation status of this laboratory at

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

Terracon





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

Wi-Skies

Joseph Marsh, PE - Electrical/Lighting Design Reviews



OnlineFlagger.com

CERTIFICATE

IS AWARDED TO

JOSEPH MARSH

Has successfully completed a flagger training course meeting the requirements of the

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

on the following date

MARCH 20, 2021

Valid for 4 years from completion date.

This temporary/backup certificate is valid with a government -issued photo ID.

Use the code below to validate this certificate's authenticity, or get copies.

1253 -1061 -105389

To validate this code go to

https://onlineflagger.com/temporary-certificate-validator/

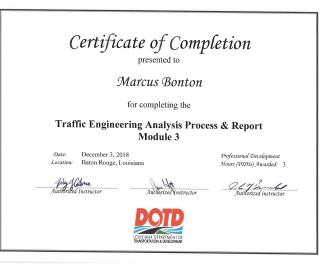
If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

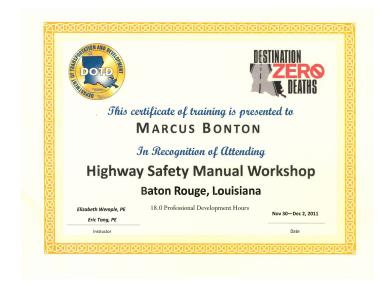
Bonton Associates

Marcus Bonton, PE - Linear Bridge Park Design Reviews - Lead







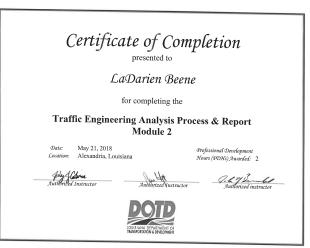


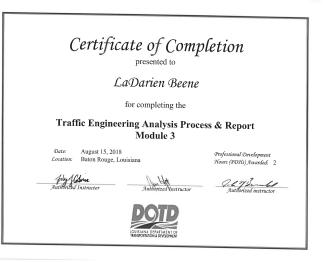
If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

Bonton Associates

LaDarien Beene, PE, PTOE - Linear Bridge Park Design Reviews, Traffic Design Reviews







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

Forte & Tablada

Philip Koch, PLS - Surveying





Dear Certified Flagger:

Enclosed, please find your card signifying you as a Certified ATSSA Flagger. This card should be carried and presented to employers while performing work on our roadways. Please be aware that the card is not valid without a Photo I.D.

American Traffic Safety Services Association (ATSSA) commends you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the "Leader in Roadway Safety" and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, please inform us of any changes in name or address so we may keep our records up to date.

Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at www.atssa.com for additional training courses or for any of our products created for use in a work zone.

Sincerely,

Director of Training

Laminating the front of your card with Dual Laminate





AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

15 RIVERSIDE PARKWAY • SUITE 100 • FREDERICKSBURG, VA 22406-1022
TEL 540-368-1701 • FAX 540-368-1717 • TOLL FREE 800-272-8772 • TRAINING 877-642-4637
www.atssa.com

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

Forte & Tablada

Tommy Lake - Surveying





QA/QC PLAN







 $Per \ the \ Advertisement, no \ response is \ required for \ this \ section \ at \ this \ stage \ in \ the \ procurement \ process.$

21. QA/QC Plan

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

Per page 5 of the advertisement, a QA/QC plan is not required for this proposal.

SUB-CONSULTANT INFORMATION







22. Sub-consultant information:

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

Firm Name (Name must match as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
WSP USA Inc.	One American Place, 301 Main St., Suite 2200 Baton Rouge, LA 70801	Max Nassar, Senior Vice President Max.Nassar@wsp.com	225-218-3584
Richard C. Lambert Consultants, LLC	3266 Drusilla Lane, Suite A-6 Baton Rouge, LA 70809	Roy Payne, PE, Manager - Construction Services rpayne@rclconsultants.com	225-478-0866
SIGMA Consulting Group Southeast, Inc.	10305 Airline Highway Baton Rouge, LA 70816	Miles Williams, President mwilliams@sigmacg.com	225-298-0800
Bonton Associates, LLC DBE	232 Third Street, Suite 100 Baton Rouge, LA 70801	Marcus Bonton, Principal marcus@bontonassociates.com	225-706-0975
GOTECH, Inc.	8383 Bluebonnet Boulevard Baton Rouge, LA 70810	Rhaoul A. Guillaume, Sr., P.E., F.ASCE, President rhaoul@gotech-inc.com	225-766-5358
Forte & Tablada, Inc.	9107 Interline Avenue Baton Rouge, LA 70809	Russell J. "Joey" Coco, Jr. jcoco@forteandtablada.com	225-927-9321
Terracon Consultants, Inc.	2822 O'Neal Lane, Bldg. B Baton Rouge, LA 70816	Lynne Roussel McMillen, P.E., Office Manager Lynne.roussel@terracon.com	225-239-2632
Wi-Skies, LLC	8 Cora Slocomb Dr Spanish Fort, AL 36527	Joseph Marsh, PE, President joe@wi-skies.com	219-588-6962

Michael Baker has assembled a team of experienced specialty subconsultants to provide LADOTD with additional depth of staff and proven expertise delivering Design-Build, OV, CE&I, or other similar bridge replacement projects throughout Louisiana and the Southeast. We have worked with the majority of these firms before and can attest to the high quality of their projects, their depth of staff, and their commitment to DOTD's success

LOCATION







Per the Advertisement's evaluation criteria, no response is required for this section at this stage in the procurement process.

23. Location:

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

Per the criteria in the advertisement, location is not an evaluation criterion for this proposal.



We Make a Difference

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