



07.31.24

US 90/I-310 Interchange St. Charles Parish

CONTRACT NO. 4400029384

STATE PROJECT NO. H.010753.5

FEDERAL AID PROJECT NO. H010753



Delivering a better world

Louisiana Department of Transportation and Development
Attn.: Mr. Mark Chenevert, P.E.
1201 Capitol Access Road, Room 405-E
Baton Rouge, LA 70802
DOTDConsultantAds80@la.gov

July 31, 2024

Ref: Contract Nos. 4400029384; US 90/I-310 Interchange

Dear Members of the Selection Committee:

AECOM Technical Services, Inc. (AECOM), is pleased to present its qualifications to provide the Louisiana Department of Transportation and Development (LADOTD) the engineering and related services to provide design and the development of construction plans for the intersection improvements of US 90 at the I-310 intersection. This work also includes the widening of US 90 between Tiger Drive and LA 52.

The AECOM Team was strategically assembled with Forte and Tablada, Inc., Terracon, Vectura Consulting Services, LLC, and Marrero and Couvillon to provide a comprehensive and experienced team. AECOM is confident that this Team being offered to the LADOTD is the most qualified for the following reasons:

Experienced Team. The AECOM Team has over 20 years of experience working within the corridor and with this project. AECOM originally worked on the I-49 EIS, was then contracted by LADOTD to develop Interim Improvements along the I-49 South corridor between Raceland and Westwego resulting in 26 Stage 0 Reports including one specific to the US 90/I-310 Interchange segment,

AECOM was then selected by the Regional Planning Commission under an Interagency Agreement with LADOTD to perform an Interchange Modification Report and an Environmental Assessment of US 90 at the I-310 Interchange. Based on this previous work in the project area AECOM has a detailed understanding of the traffic issues, environmental constraints and roadway and bridge geometry in the project area. Forte and Tablada was also tasked, by LADOTD, to complete the survey for the corridor of US 90 and the intersection of US 90 at I-310. As a team we have more experience and knowledge of the project area than any other team.

Approach and Methodology. The AECOM Team has put together an approach that will indicate that the team is very knowledgeable with not only the corridor, but the constraints from both a design and environmental aspect. The team will use its prior knowledge and work to develop efficiencies to help provide LADOTD with a progressive schedule.

We believe our team provides LADOTD the most qualified team for this specific project. Our **Project Manager, Jonathan McDowell, P.E.**, is a passionate leader who has developed strong relationships with LADOTD and has had a long history with this project. Jonathan will be supported by professionals that have been part of the core team that has worked on this project in its earlier stages.

The AECOM Team looks forward to the opportunity to further work with LADOTD to provide the design support required to complete improvements to a critical corridor for the Louisiana citizens.

Please consider the attached qualifications, approach to the scope of work, and other requested information. We greatly value our close working relationship with LADOTD.

Yours sincerely,

AECOM Technical Services, Inc.



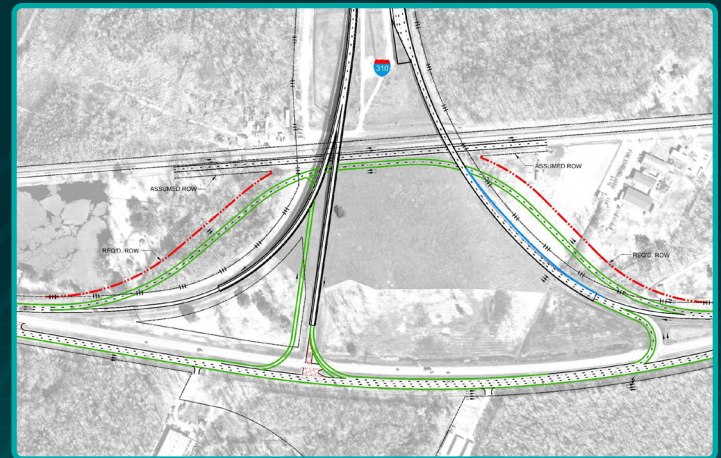
Jonathan McDowell
Associate Vice President and Project Manager
504.450.9904 • jonathan.mcdowell@aecom.com

Prime consultant firm name: **AECOM**

Sections 1-11

US 90/I-310 Interchange Modification Report and EA

AECOM has directly related experience working in the US 90/I-310 project area and has a thorough understanding of site conditions including traffic, environmental constraints and roadway/interchange geometry. This was acquired through services provided as part of a contract with RPC in association with LADOTD to prepare an Interchange Modification Report (IMR) followed by the preparation of an Environmental Assessment. The design concept studied was an Interim Improvement identified through a Stage 0 Feasibility Study, prepared by AECOM for the Louisiana Department of Transportation and Development (DOTD) as part of the I-49 Study to Identify Interim Improvements for Safety and Efficiency.



DOTD FORM: 24-102

Contract Nos. 4400029195, 4400029196,
and 4400029197


PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

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

1. Contract Name as shown in the advertisement	STATE PROJECT NO. H.010753.5 FEDERAL AID PROJECT NO. H010753 US 90/I-310 INTERCHANGE ST. CHARLES PARISH
2. Contract Number(s) as shown in the advertisement	CONTRACT NO. 4400029384
3. State Project Number(s), if shown in the advertisement	STATE PROJECT NO. H.010753.5
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	AECOM Technical Services, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	AECOM Technical Services, Inc. (AECOM) LAPELS No. EF.0002331
6. Prime consultant mailing address	8555 United Plaza Blvd., Suite 300 Baton Rouge, LA 70809
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	8555 United Plaza Blvd., Suite 300 Baton Rouge, LA 70809
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Jonathan McDowell, PE Associate Vice President 504.450.9904 • jonathan.mcdowell@aecom.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Jonathan McDowell, PE Associate Vice President 504.450.9904 • jonathan.mcdowell@aecom.com

<p>10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.</p>	<div data-bbox="1102 324 1585 406" data-label="Text">  </div> <div data-bbox="1060 422 1753 462" data-label="Text"> <p>Signature above shall be the same person listed in Section 9:</p> </div> <div data-bbox="1060 511 1281 544" data-label="Text"> <p>Date: July 31, 2024</p> </div> <div data-bbox="1060 641 1491 722" data-label="List-Group"> <ul style="list-style-type: none"> - Received Q&A, dated July 18, 2024 - Received Q&A, dated July 30, 2024 </div>
<p>11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.</p>	<div data-bbox="1060 730 1312 763" data-label="Text"> <p>Firm(s): Firm(s)' %:</p> </div> <div data-bbox="1060 771 1522 836" data-label="Text"> <p>Marrero, Couvillon & Associates, LLC 3.5% Vectura Consulting Services, LLC 7.2%</p> </div>

Section 12-13



City of Baton Rouge Dept. of Public Works, Siegen Lane Improvements (Highland Rd. to 650' south of Perkins Rd.), Baton Rouge, LA.

AECOM provided preliminary and final design for 1.18-mile segment of Siegen Lane. Improvements included widening to a four lane boulevard. The design tasks included the geometric design of the roadway, subsurface drainage, and the development of the sequence of construction.

12. Past Performance Evaluation Discipline Table:

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

The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).




Past Performance Evaluation Discipline(s)	% of Overall Contract	AECOM	Forte & Tablada	Marrero, Couvillion Associates, LLC	Terracon Consultants, Inc.	Vectura Consulting Services, LLC						Each Discipline must total to 100%
Other-Project Management	5.0%	100.0%										100%
Road	53.5%	80.0%	20.0%									100%
Bridge	5.0%	80.0%	20.0%									100%
Traffic	8.0%	10.0%				90.0%						100%
Geotech	12.5%	10.0%			90.0%							100%
Survey	12.5%		100.0%									100%
Other-Road Lighting	3.5%			100.0%								
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.												
Percent of Contract	100.0%	53.85%	24.20%	3.50%	11.25%	7.20%						100%



13. Firm Size:

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

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

http://wwwsp.dotd.la.gov/Inside_DOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

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	1	3
	Cadd Technician	2	4
	Engineer	3	4
	Engineer Intern	5	8
	Principal	1	2
	Senior Technician	2	4
	Supervisor – Eng	5	6
	Supervisor – Other	1	3
	Administrative	1	1
	Clerical	1	2
	Engineer	2	4
	Engineer Intern	3	6
	Principal	2	2
	Senior Technician	7	9
	Supervisor – Eng	3	3
	Supervisor – Other	2	2
	Technician	10	14
	Principal	1	1
	Supervisor – Eng	1	1
	Engineer	2	5

Firm Name	DOTD Job Classification	Number of Personnel Committed to this Contract	Total number of personnel available in this DOTD Job Classification (if needed)
	Principal	2	2
	Supervisor-Eng	1	4
	Engineer	2	4
	Engineer Intern	1	2
	Supervisor-Other (Drilling and Laboratory Manager)	2	3
	Technician	6	8
	Supervisor-Eng	2	2
	Engineer	2	3
	Engineer Intern	0	2
	Inspector	0	1
	Senior Technician	0	1
	Supervisor-Other	0	1
	Clerical	1	1

Sections 14-15

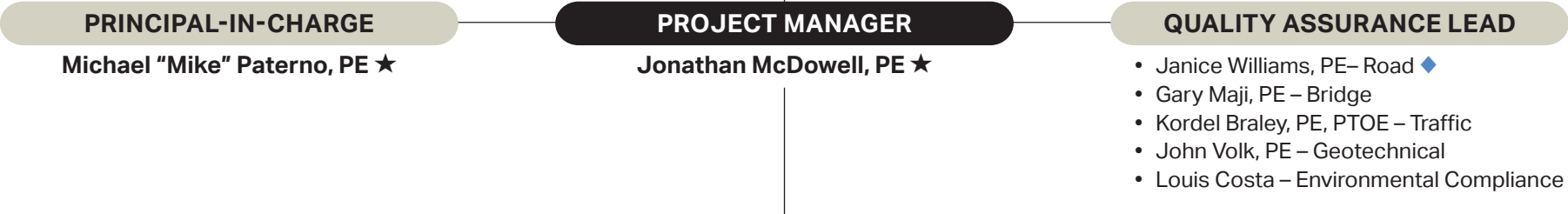
I-49 Lafayette Connector, Phase I Completion of the Functional Plan

AECOM is leading the bridge design, railroad coordination, preparation of a Supplemental Environmental Impact Statement, cultural resource services, the Sec. 106 consultation process, and a context sensitive solution (CSS) design process for the I-49 Lafayette Connector Project.



LEGEND

- ★ MPR
- ◆ Forte and Tablada, Inc.
- ◆ Marrero, Couvillon & Associates, LLC
- ◆ Terracon Consultants, Inc.
- ◆ Vectura Consulting Services, LLC
- * Not a Louisiana PE



ROAD DESIGN

ROAD DESIGN

- Jonathan G. McDowell, PE ★
- Gregory D. Trahan, PE, RSP₁ ★
- Corey Serigne
- Oscar Avila
- Greer Kenney, EI
- William Fullilove, EI
- Adeleigh Smith, PE

DRAINAGE DESIGN

- Sreeni Bollu, PE
- Tyler Branch, PE ◆
- Avery Prevot, EI

MAINTENANCE OF TRAFFIC (MOT) /
CONSTRUCTION PHASING

- Jonathan G. McDowell, PE ★
- Gregory D. Trahan, PE, RSP₁ ★

ROADWAY LIGHTING

- Christian Schade, PE ◆
- M. Kimball Schlafly, PE ◆

GEOTECHNICAL SERVICES

- Lynne Roussel, P.E. ◆ ★
- Stephen E. Greaber, P.E. ◆ ★
- Ryan Poindexter, P.E. ◆ ★
- Matthew Minton ◆
- Brian Alexander ◆

TRAFFIC

TRAFFIC ANALYSIS

- Laurence Lambert, II, PE, PTOE, PTP ◆
- Sheelagh "Brin" Ferlito, PE, PTOE ◆
- Reece Rodrigue, PE, PTOE, RSP₁ ◆
- Bridget Robicheaux, PE ◆

SIGNAL ANALYSIS/DESIGN

- Laurence Lambert, II, PE, PTOE, PTP ◆
- Kristen Farrington, PE, PTOE, RSP₁ ◆
- Bridget Robicheaux, PE ◆
- Sheelagh "Brin" Ferlito, PE, PTOE ◆

SAFETY

- Gregory D. Trahan, PE, RSP₁ ★
- Peter Bakit, PhD, PE, PTOE*
- Laurence Lambert, II, PE, PTOE, PTP ◆

TMP

- Laurence Lambert, II, PE, PTOE, PTP ◆
- Bridget Robicheaux, PE ◆

PROPERTY SURVEY / ROW MAPS

- Ross Wilson, PLS ◆ ★
- Bradley S. Holleman, PE, PLS ◆ ★

BRIDGE DESIGN

- Daniel Boyd, PE, CBI ★
- Myles Martin, EI
- Josh Guitreau, EI

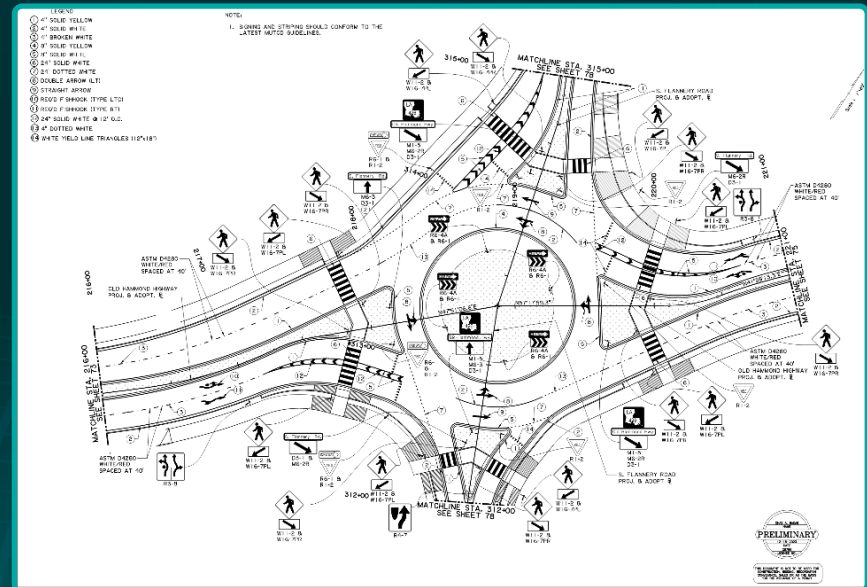
15. Minimum Personnel Requirements

MPR No.	Personnel being used to meet the MPR	Firm employed by	Type of license and discipline meeting MPR/certification & number	State of license	License/certification Expiration Date
1	Michael Patorno, PE	AECOM	PE/Civil/PE.0024197	LA	09/30/2024
2	Jonathan McDowell, PE	AECOM	PE/Civil/PE.0030508	LA	03/31/2025
3	Jonathan McDowell, PE	AECOM	PE/Civil/PE.0030508	LA	03/31/2025
4	Gregory Trahan, PE, RSP ₁	AECOM	PE/Civil/PE.0036041	LA	03/31/2025
5	Daniel Boyd, PE	AECOM	PE/Civil/PE.0036728	LA	03/31/2026
6	Lynne Roussel, PE	Terracon Consultants, Inc.	PE Civil: 35152	LA	03/31/2026
6	Stephen E. Greaber, PE.	Terracon Consultants, Inc.	PE Civil: 26107	LA	09/30/2025
6	Ryan Poindexter, PE	Terracon Consultants, Inc.	PE Civil: 46285	LA	03/31/2026
7	Bradley S. Holleman, PE, PLS	Forte and Tablada, Inc.	PLS 5082 – Survey	LA	09/30/2024
7	Ross Wilson, PLS	Forte and Tablada, Inc.	PLS 5148 – Survey	LA	03/31/2026

Section 16

Old Hammond Highway Segment 1, East Baton Rouge Parish, LA


Team member Forte and Tablada led the design capacity improvements on Old Hammond Highway from just west of the S. Flannery Road intersection to Millerville Road. Scope of services for this project include Bridge and Roadway Design Studies, Topographic Surveying, Environmental Services, Right-of-Way plans, Hydraulic Studies, Traffic Engineering, Geotechnical Engineering, Lighting Design, and the development of Preliminary and Final Construction Plans.




Resumes for
Minimum Personnel
Requirements 1-11
(See Section 15)


AND
Key Project Management
(See Section 14)

16. Staff Experience



Firm		AECOM AECOM Technical Services, Inc.					
	Michael Patorno, PE (MPR 1, Principal-in-Charge) Vice President		<table border="1"> <tr> <td>Years of Relevant Experience with this Employer</td> <td>29</td> </tr> <tr> <td>Years of Relevant Experience with Other Employer(s)</td> <td>12</td> </tr> </table>	Years of Relevant Experience with this Employer	29	Years of Relevant Experience with Other Employer(s)	12
	Years of Relevant Experience with this Employer	29					
Years of Relevant Experience with Other Employer(s)	12						
Degree(s)/Years/Specialization	BS/1983/Civil Engineering						
Active Registration Number/State/Expiration Date	PE.0024197/LA/09/30/2024 Additional active license: PE: AL, AR, MS, ND, TX						
Year Registered	1991	Discipline	Civil Engineer				
Contract Role(s)/Brief Description of Responsibilities	MPR 1. Principal-in-Charge. Will serve as Principal-In- Charge - AECOM.						
Experience Dates	Experience and qualifications relevant to the proposed contract.						
03/98–04/02	LADOTD, Re-evaluation of EA and FONSI US 190 in Mandeville from LA 22 to Lonesome Road, S.P. No. H.004580.5, Mandeville, LA. Program Manager. Roadway design and preparation of hydraulic calculations and reports for US Highway 190 in accordance with LADOTD requirements. Project involves analysis of cross drains, and roadside subsurface and ditch drainage. Bridge sections and major waterways for a 66-mile section of Highway 190 in St. Tammany Parish for Urban and rural roadways.						
03/08–10/12	USACE, Indefinite Delivery Order for General Design Services for New Orleans District, New Orleans, LA. Program Manager. Managed all civil/structural design components on a variety of projects throughout the District including Melville Ring Levee, West of Algiers Levees and Pumping Stations, Westminster to Lincolnshire Generator and Drainage Pumping Station as well as a variety of other floodwall and levee programs.						
12/07–11/12	USACE, Algiers Canal & Flood Protection, Algiers, LA. Program Manager. Responsible for civil, structural and geotechnical designs for over 4.5-miles of levees and floodgates. Floodgates numbered over 17 with spans varying from 30-feet to 68-feet in width and many founded on foundations able to support various cranes utilized by industry located along the corridor of a major levee in Jefferson and Plaquemines Parish. Unique challenges on the project were the large crane loads transferred to the levee and flood gate system by the local industry which services Louisiana's local offshore oil industry.						
01/01–12/11	USACE Hurricane Protection Office (HPO), Program Management and Engineering Support Services, New Orleans, LA. Directed AECOM's response to this 10-year program to repair and upgrade the City's Hurricane Protection System damaged during hurricane Katrina and Rita. This program included working with the USACE side by side as well as with contractors on design build delivery systems for over \$2B dollars in improvements. In a follow-up contract to the Task Force Guardian program to make repairs after Hurricane Katrina, we marketed and were awarded a contract to assist the HPO with providing improvements to the levee system. Three of the projects were ECI, Early Contractor Involvement which is the USACE's CMAR Process for Design Build.						
08/05–12/07	USACE, Task Force Guardian, Hurricane Katrina Storm Repairs to Levee System New Orleans, LA. Program Manager. Managed multiple task orders simultaneously and completed repairs of thousands of feet of concrete floodwall and levee systems. Provided design and construction oversight services for 29 USACE projects concerning damages to the Orleans Parish Levee System from Hurricanes Katrina and Rita. Managed this very fast-paced project, with the first 17 projects completed and ready for bids within 60 days. Managed a team of over 100 experts in structural, geotechnical, electrical, mechanical, and civil engineering to complete the repairs. Mobilized the management team within 24 hours and the remainder of the team within less than a week from experts in Louisiana and around the country, and in some cases out of the country. Tasks included construction submittal reviews and coordination of construction activities within a total 9-month period. Team won award for performance.						

	Firm AECOM AECOM Technical Services, Inc.			
Jonathan McDowell, PE (MPR 2 & 3, Project Manager, Road/Drainage Design, MOT) Associate Vice President		Years of Relevant Experience with this Employer		21
		Years of Relevant Experience with Other Employer(s)		6
Degree(s)/Years/Specialization		BS/1996/Civil Engineering		
Active Registration Number/State/Expiration Date		PE.0030508/LA/03.31.2025 Additional active license: PE: TX, MS, AR; ATSSA Traffic Control Supervisor – LA State Specific (2023/Exp. 2027); LADOTD Traffic Process and Report Parts 1, 2 and 3 (2018); FHWA-NHI-142005 NEPA and Transportation Decision-Making (2011); AASHTO Highway Safety Manual (2013)		
Year Registered		2003	Discipline	Civil Engineering
Contract Role(s)/Brief Description of Responsibilities		MPR 2, & 3, Project Manager, Road/Drainage Design, MOT. Jonathan has served as a principal, project manager, and project engineer for a wide variety of transportation and public infrastructure projects in Louisiana and throughout the southeastern U.S. His roles have included numerous Stage 0 feasibility planning studies, NEPA EAs and EISs, line and grade alternatives development for new roadways and improvements to existing roadways, construction contract administration, and construction engineering and inspection for highway and public infrastructure projects. Design projects have included interstate highways, urban and rural roadways, major bridges crossings, railroads, drainage canals and culverts, and intermodal yard and port security improvements. Through his experience, he has the understanding of the project delivery process required to bring a transportation project from an idea to a built reality.		
Experience Dates	Experience and qualifications relevant to the proposed contract.			
3/14-6/20	LADOTD, I-310/US 90 Interchange Modification Report, (SP No. H.010753.1), St. Charles Parish, LA: Project Engineer. Project Engineer for the Environmental Assessment and Interchange Modification Report involving a new flyover ramp from eastbound US 90 onto northbound I-310. As the project progress, a second alternative to relocate westbound US 90 under the existing I-310 bridges and a diverging diamond concept were considered. Jonathan performed geometric design conceptual plans, analyzing design alternatives and performed crash analyses.			
5/10-2/14	I-49 South, Interim Improvements for Safety and Efficiency, Raceland to Westbank Expressway, Louisiana Department of Transportation & Development (LADOTD), Lafourche, St. Charles, and Jefferson Parishes, LA. Lead Project Engineer. Lead Project Engineer tasked to develop a program of Stage 0 projects that would provide interim capacity and safety improvements along the US 90 corridor from LA Highway 1 to the current terminus of the elevated portion of the Westbank Expressway and would upgrade the existing US 90 highway to interstate standards from LA Highway 1 to Interstate 310. Mr. McDowell's responsibilities included planning and geometric design of the interstate highway, interchange ramps, and intersections with local collector and arterial roadways; preparation of cost estimates for alternative concepts; analysis of environmental impacts; and preparation of an implementation plan. This included an original plan to connect US 90 to I-310 via a flyover ramp.			
10/20-Present	City of Baton Rouge/Parish of East Baton Rouge, College Drive Improvements (Perkins Road to Bawell), Baton Rouge, LA. Project Manager and Task Manager. Urban Road Design and Complete Streets improvements to College Drive. The project includes a Design Study to develop a corridor and street network plan that includes potential connecting side road improvements, access management solutions, and other improvements along College Drive and the I-10 ramps to provide congestion relief and improve driver and pedestrian safety. The selected alternative will move to preliminary and final design.			



10/21-Present	Preliminary Port of New Orleans, Design for Relocation of LA 39 and for Terminal Access Roads and Interchange Improvements to LA 46 for the Development of the Louisiana Intermodal Terminal, Violet, LA. Deputy Project Manager. Deputy Project Manager and Project Engineer for preliminary design of the full intermodal container yard facility along the Mississippi River near Violet, Louisiana. Jonathan's duties included the development of conceptual design for the relocation of St Bernard Highway (LA 46) which included a new highway overpass over the yard lead railroad track, improvements along Judge Perez Drive (LA 39), and the access interchange and the new port access boulevard to the terminal gate. Jonathan developed conceptual layout for the container terminal internal road plans and developed the geometric design of the wharf ramps. Developed the conceptual geometric design for the relocation of the mainline Norfolk Southern railroad and the yard lead tracks, intermodal railroad yard tracks, and the support yard tracks. Managed team of engineers and support staff to deliver 30% Plans for two highway improvements packages and the rail relocation and new industrial yard tracks package. Leading the permitting process for DOTD and Railroad Right-Of-Way permits. Developed yard layout, circulation and access points.
9/17-Present	Coastal Restoration and Protection Authority of the State of Louisiana, LA 23 Over Mid-Barataria Sediment Diversion, (SP No. BA-0153), Plaquemines Parish, LA Task Manager and Lead Transportation Engineer. Relocation of LA 23 and the NOGC Railroad across the proposed sediment diversion. Also responsible for the design of service roads along LA 23 and railyard layout that contractor will use for site deliveries. Provided QC review for the traffic report and participation in the environmental and public involvement tasks. AECOM is the lead design development team for the \$1.5 billion CMAR project. The rail improvements provide for the extension of track across the diversion channel intake structure which would feature a moveable span for canal maintenance and approximately 10,000 feet of new railroad track. The highway improvements will include a 2,300 foot-long structure composed of precast and cast in place concrete elements that will carry two lanes in each direction with shoulders and have accommodations for up to two water mains to be hung under the bridge deck. Roadway improvements include access roads on each side of the bridge to maintain adjacent property access and new roadways to connect the existing highway to the new bridge structure. Tasks include road design, drainage, signing, and MOT. Currently leading construction support task for the highway improvements.
2/07-11/09	City of Baton Rouge/Parish of East Baton Rouge, Siegen Lane Improvements (Highland Road to Perkins Road), Baton Rouge, LA. Project Manager and Task Manager. Design of corridor improvements to Siegen Lane to upgrade the two lane suburban road to a four lane urban boulevard. Performed road geometrics, develop suggested sequence of construction plans, and reviewed the drainage plans and calculations. Managed and authored the Design Study which included an alignment analysis, preliminary drainage design, a Phase I Environmental Site Assessment, a wetland study, and a noise study.
04/02 - 10/09	I-49 South, Raceland to Westbank Expressway, Louisiana Department of Transportation & Development (LADOTD), Lafourche, St. Charles, and Jefferson Parishes, LA. Project Engineer. Project Engineer for the preparation of a NEPA Environmental Impact Statement and Line and Grade Engineering Report for the construction of 38 miles of proposed interstate highway. Mr. McDowell's responsibilities included planning and geometric design of the interstate highway, interchange ramps and intersections at ramp termini; preparation of cost estimates for alignment alternatives, and participation in Public Meetings and public involvement process. AECOM was the Program Manager for a team that provided line and grade engineering, the public information process, traffic analysis, website development, cultural resource investigation, and the preparation of two Environmental Impact Statements, one for each of the two Sections of Independent Utility.
7/15-Present	LADOTD, I-49 Connector, Lafayette Regional Airport to I-10/I-49/US 167 Interchange, (SP No. H.004273.5), Lafayette Parish, LA. Project Manager, Leadership Team Member, and Railroad Coordination and Alignment Modifications Task Manager. NEPA Supplemental EIS and Design of a 5-mile urban freeway corridor. The project includes a very elaborate Context Sensitive Solutions process that is occurring concurrently with the environmental process. The project includes a signature bridge, an urban master plan for local road and frontage road connections, implementation strategies and modifications to an adjacent railroad track including the replacement of up to three at-grade crossings with underpasses and possible modifications to an Amtrak station platform. Other rail modifications include replacing at grade crossing with highway overpasses. In addition, Jonathan will also perform tasks associated with highway geometrics, highway traffic, and environmental and public involvement tasks.

 <div> Firm AECOM AECOM Technical Services, Inc. </div>			
<div> <div> Gregory Trahan, PE, RSP₁ (MPR 4, Road/Drainage Design, MOT, SAFETY) Road Design Engineer </div> <div> <div>Years of Relevant Experience with this Employer</div> <div>18</div> </div> <div> <div>Years of Relevant Experience with Other Employer(s)</div> <div>1</div> </div> </div>			
Degree(s)/Years/Specialization	BS/2005/Civil Engineering		
Active Registration Number/State/Expiration Date	PE.0036041/LA/03/31/2025 RSP1 No. 833 /2025 Additional active license: PE: TX, MS ATSSA Traffic Control Supervisor Refresher–LA State Specific (2027) LADOTD Traffic Engineering Process and Report Parts 1, 2 and 3 (2018)		
Year Registered	2011	Discipline	Civil Engineer
Contract Role(s)/Brief Description of Responsibilities	MPR 4. Road/Drainage Design, MOT Construction Phasing, Safety. Gregory will provide road design services, support on any required Safety analysis, and design oversight. He will also support the Project Manager and other design teams by providing Quality Control.		
Experience Dates	Experience and qualifications relevant to the proposed contract.		
3/14-6/20	LADOTD, I-310/US 90 Interchange Modification Report, (SP No. H.010753.1), St. Charles Parish, LA: Project Engineer. Project Engineer for the Environmental Assessment and Interchange Modification Report involving the new alignment of a ramp from US 90 onto I-310. As part of this project Gregory assisted in analyzing design alternatives, traffic data collection (speed and vehicular classification) along the corridor, and crash data.		
05/10–02/14	LADOTD, Stage 0 Feasibility Study and Report, I-49 Raceland to the West Bank Expressway (26 Stage 0 Reports), (H.005171), Lafourche, St. Charles, and Jefferson Parishes, LA: Project Engineer. Project Engineer assisting with developing a program of Stage 0 projects that would provide interim capacity and safety improvements along the US 90 corridor from LA 1 to the current terminus of the elevated portion of the Westbank Expressway. Gregory assisted in conducting field work for environmental inventories, reviewed of crash data, various alignment alternative analysis, and completing cost estimates for alternatives.		
09/17 - Present	Coastal Restoration and Protection Authority of the State of Louisiana, LA 23 Over Mid-Barataria Sediment Diversion, (SP No. BA-0153), Plaquemines Parish, LA: Project Engineer. Project Engineer that assisted in the Design Plans for the new bridge and roadway structure over the new sediment diversion. The project consists of a new concrete precast girder bridge, approximately 2,200 feet in length, and the connecting asphalt roadway. Design Plans included Plan and Profile sheets, Drainage Plan and Profile sheets, Sequence of Construction Plans. Gregory assisted in the design of road side drainage, intersection layout, guardrail layout, and Sequence of Construction Plans. There will be multiple construction activities being conducted at one time. The Sequence of Construction is a critical element of design in order to manage traffic and maintain roadway operations.		

09/20–Present	City-Parish of East Baton Rouge/Parish of EBR (MOVEBR) Feasibility Study and Report/TEPR, College Drive, Baton Rouge, LA. Project Engineer. Project Engineer assisting in the Design Study, Traffic Study, and Preliminary and final Plans for the completion of roadway improvement on College Drive and its vicinity between Perkins Road and Bawell Street inclusive of the interchange with I–10. The Design Study will include development of numerous concepts to enhance operational capacity and efficiency along the corridor while including Complete Streets and green infrastructure improvements. Preliminary alternatives were developed and documented using LADOTD Stage 0 Project and Scope and Environmental Checklists in order to apply for state and federal funding grant applications to expand funding for the project beyond the allocation of the parish MOVEBR bond funds. Completed the Stage 0 checklists.
02/07 – 06/10	City-Parish of East Baton Rouge/Parish of EBR (MOVEBR), Siegen Lane Improvements (Highland Rd. to 650' south of Perkins Rd.), Baton Rouge, LA. Project Engineer. Project Engineer assisting in the design and plan development of a 1.18-mile segment of Siegen Lane that is planned to be widened to a four lane boulevard. Gregory assisted in the geometric design of the roadway, subsurface drainage, and the development of the sequence of construction. He has also prepared quantities and cost estimates for the project.
8/22 - Present	MDOT, US 49 – Orange Grove Blvd. to St. Charles St. Harrison County, MS. Project Manager. Project Manager managing the overall design and coordination with MDOT and subconsultants. The US 49 Project consists of converting two median turn locations into directional left turns with a mill and overlay on the remaining six lanes of traffic. In addition to the road work, roadway drainage had to be altered to collect the runoff from the new drainage patterns.
06/13 - Present	City-Parish of East Baton Rouge/Parish of EBR (MOVEBR) Jones Creek Road Extension Segments 1A and 1B, Baton Rouge, LA. Project Manager. Project Manager managing tasks for Traffic Engineering, Environmental Review, and Green Infrastructure/landscaping for a new roadway project that will extend a suburban arterial from its current terminus at Tiger Bend Road to Airline Highway. Gregory is responsible for the development of the traffic analysis, analyzing different alternatives, including signalized intersections, roundabouts, and alternative intersections. Gregory also assisted in the design of the Tiger Bend Intersection; this included traffic signals, cross walk layout, and wiring for the new signals.
12/13-06/15	LADOTD, Route 3139, Earhart Expressway Extension to US 61, (SP No. H.004367.5), Jefferson Parish, LA: Project Engineer for the traffic study involving the new extension of the Earhart Expressway a six lane urban freeway, to Airline Drive, a four lane highway, for a total of ten lanes. The study included analyzing existing and future conditions along the US 61 (Airline Highway) and LA 3154 (Dickory Avenue). As part of this project Mr. Trahan is analyzing design alternatives, traffic data collection (speed and vehicular classification) along the corridor, and crash data.
06/13–10/14	LADOTD, Stage 0 Feasibility Study and Report, Williams Boulevard, Jefferson Parish, LA. (H.010570.1). Project Engineer assisting with the crash analysis and environmental inventory associated with the LA 49 feasibility study. The study considered a 2.5–mile segment of a heavily traveled, heavily developed five lane urban roadway with moderate pedestrian use, three major intersections and an interchange with Interstate 10. Task included collecting and analyzing data to identify trends and determine overrepresented crash types. Developed collision diagrams. Used Crash Modification Factors to analyze safety countermeasures proposed for each alternative.
08/12–07/14	LADOTD, Stage 0 Feasibility Study and Report, Johnston Street Study (US 167), Lafayette Parish, LA. (H.009998.1). Project Engineer. Gregory was the Project Engineer for the US 167 Study. The US 167 (Johnston Street) Corridor Study is a study that collected and analyzed data to help develop immediate, short–term, and long–term recommendations in accordance with “DOTD’s Stage 0: Manual of Standard Practice” for the Johnston St. (US 167) corridor between Coulee Mine Bayou Bridge and Cajundome Avenue. Gregory was tasked to identify crash trends, develop collision diagrams, determine the effectiveness of counter measures in alternative concepts, and identify and assemble environmental conditions along the corridor into a GIS database.



 <div> Firm AECOM AECOM Technical Services, Inc. </div>			
<div>  <div> Daniel Boyd, PE, CBI (MPR 5, Bridge Design) Structural Engineer VI </div> </div>		Years of Relevant Experience with this Employer	5
		Years of Relevant Experience with Other Employer(s)	13
Degree(s)/Years/Specialization		BS/2006/Civil Engineering	
Active Registration Number/State/ Expiration Date		36728/LA/03.31.26 Additional active license: MS, TX	
Year Registered		2011	Discipline Civil Engineer
Contract Role(s)/Brief Description of Responsibilities		MPR 5. Bridge Design Daniel has 18 years of structural engineering experience in the transportation industry. He most recently was a part of three design build projects in Dallas and Austin, TX, with tasks including structural task lead for overhead sign structures, bridge design, Independent Design Checks of bridges and overhead sign structures, load rating engineer, and structural task manager for Engineering and Design Services During Construction phases. His technical experience encompasses steel girder bridge design, precast/prestressed concrete girder design, structural steel design, structural concrete design, retaining walls, and deep and shallow foundations design. He has a thorough working knowledge of AASHTO and Louisiana DOTD Standards. He has experience in both new construction and design projects, as well as expansion projects requiring modifications to existing structures, bridges, and foundations to meet current engineering codes and industry best practices. Daniel is also an NHI certified bridge inspector.	
Experience Dates		Experience and qualifications relevant to the proposed contract.	
03/21 – 09/21		LADOTD, I-49, Connector, (SPN H.004273.5), Lafayette, LA. Structural Review. Performed a review of I-49 mainline viaduct layouts for the three different structural options being presented to LADOTD for selection. Performing reviews and updating structural quantities and costs to reflect current design layouts and current bid pricing to ensure consistency across the three structural options.	
10/06 – 08/11		LADOTD, US 71/165 Fort Buhlow Bridge/KCS Railroad Overpass, Alexandria, LA. Structural Design Engineer. Designed main river spans consisting of two 3-span units (one each direction) with 300'-400'-300' steel plate girder spans, and multiple steel simple spans greater than 200' crossing river levees. Designed all aspects and components of the steel plate girder bridge units, including diaphragms, bolted splices, bearing, stiffeners, etc. Also performed analysis and design of prestressed concrete girders, concrete bridge deck and columns, pile bents and piles, and performed peer review on other components of the project. Collaborated with steel fabricator to review/approve shop drawings and RFI's.	
10/19 – 12/20		Coastal Protection and Restoration Authority, LA 23 Bridge over Mid-Barataria Sediment Diversion, Plaquemines Parish, LA. Structural Engineer. Assisted in the Design Plans for the new bridge and roadway structure over the new sediment diversion. The project consists of a new concrete precast girder bridge, approximately 2,200 feet in length, and the connecting asphalt roadway. Provided calculation and plans peer reviews and QA/QC.	
02/24 – Present		Port of South Louisiana, Globalplex Intermodal Dock Second Access Bridge, St. John the Baptist Parish, LA. Engineer of Record. Served as EOR for the structural scope of design for a new heavy haul access bridge to the dock facilities at the Port of South Louisiana. Design included pile and spread footing foundations, precast structural bridge deck panels, and a steel bridge segment over River Road. Oversaw final design and calculation development, and final plans and details development.	
04/20 – 11/20		Port of Gulfport, Port of Gulfport Connector, Gulfport, MS. Structures Discipline Leader. Performed preliminary structural design for prestressed concrete girders and steel plate girder superstructures, preliminary substructure design, and geometric design for a new bridge structure on 30th Ave. spanning Hwy. 90 providing direct trucking access into the Port of Gulfport.	



01/07 – 12/07	City-Parish of East Baton Rouge, Highland Road (LA 42) Improvements (Perkins to Airline), Baton Rouge, LA. Civil/Structural Design Engineer. Performed structural analysis on multiple aspects of project. Design included concrete bridge deck, guard rails, analysis and design of prestressed quad beam concrete girders, girder bearing design, and prestressed concrete piles and concrete bents. Also performed calculation reviews on multiple aspects of project.
01/20 – Present	TxDOT, LBJ East Design Build Project, Dallas, TX. Structural Task Lead and Engineer of Record. Completed detailed Independent Design Checks (IDC) for two prestressed bridge packages in the project. IDC analyses were performed for entirety of each bridge structure, from geometry, superstructure design, substructure design, and foundation design to verify the validity of each design. Structural Task Leader and engineer of record for the design of Overhead Sign Structures, consisting of 137 custom Overhead Sign Bridge (OSB) Structures and Cantilever Overhead Sign Structures (COSS), as well as ITS and Tolling equipment structures. The structure inventory included a combination of both ground mounted and bridge mounted applications. Design included analysis of the steel trusses for the OSB and COSS structures, analysis and design of custom aesthetic concrete support columns for the truss structures, and deep foundations for each structure. Served as structural task leader during Design Services During Construction (DSDC) phase to answer RFI's, resolve field issues, review shop drawings, plan and schedule drawing and/or calculation revisions, etc.
03/21 – Present	TxDOT, Oak Hill Parkway, Austin, TX. Design Engineer. Design engineer for one bridge team, providing analysis and design for multiple substructures and foundations, Independent Design Check (IDC) engineer for the design of three prestressed bridge packages, and all IDC engineer for all Overhead Sign Structures for the project. IDC analyses were performed for entirety of each bridge structure, from geometry, superstructure design, substructure design, and foundation design to verify the validity of each design. Provided engineering support during Design Services During Construction (DSDC) phase to answer RFI's, resolve field issues, and review shop drawings. Provided layout, design, and calculations necessary for Retaining Walls that were modified during DSDC phase. Task leader and EOR for the final as-built Load Ratings for all new bridges on the project.
10/20 – Present	TxDOT, IH 820 SE Connector Design-Build Project, Fort Worth, TX. Structural Design and QA/QC. Performed preliminary structural design for multiple substructure and foundation arrangements, including inverted-tee bents, multi-column bents, hammer-head bents, and the foundations for each of these, as part of the preliminary design phase of a large design-build project. Also performed QA/QC on numerous bridge calculations, and detailed plan reviews on bridge plan drawings. Provided engineering support during Design Services During Construction (DSCD) phase to answer RFI's, resolve field issues, review shop drawings, and perform calculations necessary for changes made during construction. Task leader and EOR for the final as-built Load Ratings for all new bridges on the project.

 <div> Firm  Terracon Consultants, Inc. (Terracon) </div>			
Lynne Roussel, PE (MPR 6) Principal Senior Geotechnical Engineer		Years of Relevant Experience with this Employer	19
		Years of Relevant Experience with Other Employer(s)	0
Degree(s)/Years/Specialization	Master of Science/Geotechnical Engineering/Louisiana State University/2005 Bachelor of Science/Civil Engineering/Louisiana State University/2003		
Active Registration Number/State/Expiration Date	Professional Engineer/Louisiana/March 31, 2026		
Year Registered	2009	Discipline	Professional Engineer (Civil)
Contract Role(s)/Brief Description of Responsibilities	MPR 6. Lynne has managed geotechnical projects in Louisiana for 18 years. She has also managed several Geotechnical ID/IQ contracts for DOTD. She has performed engineering analyses using in-house computer resources and commercial software for settlement analysis, deep foundations analysis, pavement design, slope stability analysis, and lateral loading of deep foundations. She also performed analyses for the USACE for limiting pressure analyses for Horizontal Directional Drilling (HDD) projects, seepage analyses, and Method of Planes slope stability. Her software experience includes PCSTABL6, GEOSLOPE, LPILE, DRIVEN, SHAFT, Shoring Suite, and APILE		



Experience Dates	Experience and qualifications relevant to the proposed contract.
12/1/20 - Present	LADOTD, IDIQ Contracts for Professional Geotechnical Services Statewide Contract No. 4400019014, Statewide. Contract Manager and Project Reviewer. Managed the retainer contract for services to perform geotechnical exploration and engineering. The contract value is \$2.5 Million.
07/21 – 12/21	LADOTD, I-10 Lake Charles, H.003931, Lake Charles, LA. Project Reviewer. Performed quality reviews on engineering analyses and reporting.
06/19 – 3/20	LADOTD, I-10 Widening, H.004100, Baton Rouge, LA. Senior Engineer. Supervised the subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. The team worked safely around traffic and lane closures on the interstate near College Drive.
04/19 – 09/20	GEC, Sarasota Drive Bridge, Baton Rouge, LA. Project Manager. Managed the geotechnical exploration project, which included the advancement of two test borings to approximately 100 feet below existing site grades. Pile capacities were developed for the bridge bents.
10/18-01/19	LADOTD, US 80 Overpass at KCS RR., H.000133, Simsboro, LA. Project Manager. Managed the subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines.
05/18 – 02/22	LADOTD, I-49 South @ Verot School Road US 90, H.011235.5, Lafayette, LA. Project Manager. Oversaw the design of the substructure of two bridges 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.
05/18 – 11/20	LADOTD, Nelson Road Extension and Bridge, H.005967, Lake Charles, LA. 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 a 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 the impact of possible runaway ocean-going ships from the nearby Port of Lake Charles facility.

07/16 – 07/21	LADOTD, Louisiana Department of Transportation Geotechnical Retainer Contract No. 4400006191, LA. Contract Manager and Project Reviewer. Managed the retainer contract for services to perform geotechnical exploration and engineering. The contract value is \$4 Million.
10/16 – 01/18	LADOTD, Robinson Canal Bridge, H.002238, Terrebonne Parish, LA. Project Manager. Provided geotechnical engineering services for the project, including field exploration, laboratory testing, and geotechnical engineering for the bridge. Pile capacities were developed for the bridge bents.
01/12 – 01/13	LADOTD, 23rd Street Bridge over Canal No. 17, H.009187.5, Jefferson Parish, LA. Project Engineer. Provided geotechnical engineering for the subsurface evaluation and engineering design of this DOTD Off-System Bridge project. The bridge at 23rd Street over Canal No. 17 was replaced. DOTD boring logs and LRFD Pile Calculations were provided to the design engineer.
01/10 – 03/12	LADOTD, LA-1 to I-10 Connector, H.0051.21, Port Allen, LA. Project Manager. Managed the design of a new connector between LA 1 and I-10 near the Intracoastal Canal in West Baton Rouge Parish, Louisiana. The project consisted of a bridge over the Intracoastal Canal, a flyover connector to LA 1, and associated roadway. Soil borings and Cone Penetrometer Test (CPT) probes associated with the bridges and roadway were completed. All calculations were consistent with DOTD pavement design standards. Settlement analysis was performed for the approach embankments. Pile capacities were also provided for the elevated structure.
2011	LADOTD, Carter Crossing over Dugdemona River, 713-64-0108/H.006372, Winn Parish, LA. Project Manager. Performed the subsurface evaluation and engineering design of this DOTD Off-System Bridge project. The bridge at Carter Crossing over Dugdemona River was replaced. DOTD boring logs and LRFD Pile Calculations were provided to the design engineer.
09/08 – 11/08	LADOTD, Interstate 12 Widening, East Baton Rouge and Livingston Parishes, LA. Project Manager. Managed the interstate highway improvement. Terracon performed drilling and laboratory activities for the project. The project consisted of widening Interstate 12 to six lanes from O'Neal Lane eastward in both East Baton Rouge and Livingston Parishes. The project needed to be performed under a compressed time schedule of 30 days for DOTD to release a Design-Build procurement package. She oversaw the Terracon team to ensure the schedule was met by using multiple drill rigs to complete the fieldwork. The work completed by Terracon received high marks from the design-build team.
12/05– 07/12	LADOTD, Louisiana DOTD Off-System Bridge Program, Statewide in LA. Project Manager. Managed multiple off-system bridge projects. Terracon provided geotechnical drilling, laboratory testing, and engineering support for several bridges designated for replacement under the Louisiana Department of Transportation and Development Off-System Bridge Program. For each bridge, Terracon served as a sub-consultant for a civil engineering firm selected by Louisiana DOTD to design the new bridge. In each case, the project civil engineer provided all additional engineering and land surveying required to perform topographic surveys and hydraulic studies and prepared the preliminary and final roadway and bridge plans. Terracon completed geotechnical investigations for bridges throughout Louisiana and in various geologic settings.


 <div> Firm  Terracon Consultants, Inc. (Terracon) </div>			
Stephen E. Greaber, PE (MPR 6) Principal Senior Geotechnical Engineer		Years of Relevant Experience with this Employer	25
		Years of Relevant Experience with Other Employer(s)	11
Degree(s)/Years/Specialization		Bachelor of Science/Civil Engineering/University of Texas at El Paso/1989	
Active Registration Number/State/Expiration Date		Professional Engineer 26107/Louisiana/September 30, 2025	
Year Registered		1995	Discipline Professional Engineer (Civil)
Contract Role(s)/Brief Description of Responsibilities		MPR 6. Steve has over 35 years of experience working on various geotechnical projects. He has worked extensively on City-Parish projects and for commercial, industrial, transportation, and institutional clients. He is well versed in all aspects of geotechnical engineering and materials quality aspects of construction, including earthwork, concrete, masonry, asphalt, and structural steel. Steve has extensive experience in deep foundation analysis, implementation/interpretation of load testing, site modification, and improvement techniques, including but not limited to dynamic compaction, geotextile reinforced slopes, and wick drains for consolidation improvement. Other areas of expertise include geotechnical seismic evaluations and liquefaction mitigation.	
Experience Dates		Experience and qualifications relevant to the proposed contract.	
05/18 – Present		LADOTD, Nelson Road Extension and Bridge, H.005967, Lake Charles, LA. Senior Geotechnical Engineer. Serving as the Senior Geotechnical Engineer for the subsurface evaluation and geotechnical 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 - Present		LADOTD, I-49 South @ Verot School Road US 90, H.011235.5, Lafayette, LA. Lead Design Engineer. Serving as the lead design engineer for the subsurface evaluation and geotechnical engineering design for the US 90 (I-49 South) Design Build Project. Terracon provided the design of the substructure of two bridges 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.	
05/20 – 01/21		LADOTD, Interstate 10 Widening, H.004100, Baton Rouge, LA. Authorized Project Reviewer. Served as APR for the widening of I-10 from the I-10/I-12 split to Washington Street from two to three lanes in each direction.	
06/17 – 10/18		LADOTD, Bayou Petit Caillou Bridge Improvements, H.010006, Chauvin, LA. Senior Geotechnical Engineer. Served as the Senior Geotechnical Engineer in 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 – 02/17		LADOTD, US 90 (I-49 South) Design Build, H.010620, LA, C.H. Fenstermaker. Senior Geotechnical Engineer. Served as the Senior Geotechnical Engineer for the subsurface evaluation and geotechnical engineering design for the US 90 (I-49 South) Design Build Project. Terracon provided the design of the substructure of two bridges 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.	

 <div> Firm  Terracon Consultants, Inc. (Terracon) </div>			
Ryan Poindexter, PE (MPR 6) Geotechnical Engineer		Years of Relevant Experience with this Employer	8
		Years of Relevant Experience with Other Employer(s)	0
Degree(s)/Years/Specialization	Bachelor of Science/Engineering/Colorado School of Mines/2013		
Active Registration Number/State/Expiration Date	Professional Engineer 46285/Louisiana/March 31, 2026		
Year Registered	2021	Discipline	Professional Engineer (Civil)
Contract Role(s)/Brief Description of Responsibilities	MPR 6. <i>Ryan has seven years of geotechnical engineering experience working for commercial, industrial, and transportation clients. His experience includes field and office tasks such as drill crew supervision, soil laboratory testing, data quality control, engineering calculations, geotechnical report preparation, and project management. Ryan now focuses on managing full-spectrum geotechnical projects, many of which are for LADOTD through our geotechnical retainer contract.</i>		


Experience Dates	Experience and qualifications relevant to the proposed contract.
12/1/20 - Present	LADOTD, IDIQ Contracts for Professional Geotechnical Services Statewide Contract No. 4400019014, Statewide, LA. Project Manager. Manages projects associated with the retainer contract for services to perform geotechnical exploration and engineering.
07/21 – 12/21	LADOTD, I-10 Lake Charles, H.003931, Lake Charles, LA. Project Manager. Coordinated fieldwork and access, including private landowners and government agencies. Coordinated lab testing and QC-checked data. Prepared project deliverables and coordinated engineering review prior to final submittal.
05/20 – 01/21	LADOTD, LA-1 and LA-415 Connector, H.005121, Port Allen, LA. Project Manager. Coordinated fieldwork, access, and initial lab testing prior to the project being suspended.
06/19 – 04/20	LADOTD, I-10- Widening East Baton Rouge Parish, H.004100, Baton Rouge, LA. Project Manager. The project consisted of providing a site characterization report for future improvements to the existing roadway. The geotechnical field exploration consisted of soil borings adjacent to the existing roadway. Field exploration was completed safely over the course of multiple weeks with up to four land drill crews on site at once. Laboratory testing included consolidation testing, compressive strength testing, and testing for classifying of soil samples collected in accordance with LADOTD standards.
07/18 – 10/21	LADOTD, I-49 South @ Verot School Road US 90, H.011235.5, Lafayette, LA. Staff Engineer. Reviewed field logs, samples, and data. Assisted in coordinating lab testing.
06/18 – 06/21	LADOTD, Nelson Rd. Extension and Bridges, H.005967.5, Calcasieu Parish, LA. Assistant to Project Manager. The project consisted of providing a site characterization report for the new road and bridge, pile design, and pavement design recommendation. The geotechnical field exploration consisted of soil borings adjacent to the existing roadway, borings in undeveloped land adjacent to the Port of Lake Charles, and borings in Bayou Contraband. Field exploration was completed safely over the course of multiple weeks with up to four land and water drill crews on site at once. Laboratory testing included consolidation testing, compressive strength testing, and testing for classifying of soil samples collected in accordance with LADOTD standards. Terracon provided recommendations for precast concrete piles, pavement design, and site preparation.
10/18-01/19	LADOTD, US 80 Overpass at KCS RR, H.000133, Simsboro, LA. Engineering Intern. Assisted with subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. He worked on boring logs and reporting.

 <div> Firm <div>  FORTE & TABLADA Forte & Tablada, Inc. </div> </div>			
<div> Bradley S. Holleman, PE, PLS (MPR 7) Senior Vice President, Survey/AMM </div>		Years of Relevant Experience with this Employer	3.5
		Years of Relevant Experience with Other Employer(s)	15
Degree(s)/Years/Specialization	B.S./2009/Civil Engineering with Minor in Land Surveying		
Active Registration Number/State/Expiration Date	PLS 5082/Louisiana/09/30/2024; PE 47165/Louisiana/03/31/2025		
Year Registered	2012	Discipline	Land Surveying
Contract Role(s)/Brief Description of Responsibilities	<p>MPR 7, Property Survey/ROW Maps. Bradley has 12 years of experience of managing field crews and office work on on-system LADOTD Topographic Surveys, Boundary Surveys and Right-of-Way Mapping with 8 years being the Supervising Professional and 3 years as Principal. He has successfully managed over 40 task orders under eight separate Topographic and Right of Way Mapping IDIQ Contracts with LADOTD. Bradley will serve as Principal-in-Charge during this contract, and in that role he will coordinate with the Project Manager to assure task orders are estimated, started, and completed to meet scheduled deadlines, while also satisfying LADOTD deliverable standards and Forte and Tablada's quality standard.</p> <p>Bradley fulfills the minimum personnel requirements of being a professional land surveyor, registered in the state of Louisiana, having a minimum of five (5) years of experience in responsible charge of performing property surveys and preparing ROW Maps for DOTD as shown below.</p>		
Experience Dates	Experience and qualifications relevant to the proposed contract.		
01/21-04/23	LADOTD, LA 327 Spur: Staring Lane Extension- East Baton Rouge Parish, LA (4400010587- Task Orders 1 and 16; 4400021974- Task Order 5), H.011684- Principal-in-Charge for a topographic survey, Terrestrial LiDAR survey, and drainage map for this project, being approximately 1.5 miles long, in between the intersections of La 42 (Burbank Dr.) and Staring Ln. and La 327 (Gardere Ln.) and La 30.		
01/21-12/22	LADOTD, Calcasieu River Bridge (HBI) – Calcasieu Parish, LA (4400010587- Task Order 18; 4400015237- Task Order 1; 4400021974- Task Orders 1, 3, and 4), H.003931 – Principal-in-Charge for this project providing topographic survey, Mobile and Terrestrial LiDAR, Multibeam Hydrographic survey of Lake Charles, and drainage mapping. This project is in a high-traffic industrial area along I-210 and is approximately 7 miles long. This Survey included four phases of work, which were completed within a condensed timeline, requiring up to 6 Survey Crews being mobilized in order to meet deadlines for each phase.		
06/21 – Present	LADOTD, Rural Bridge Replacement Initiative Phase II; 5 State Project numbers (20 Bridge Sites) in Districts 04 and 05 (4400019336), H.014219, H.014222, H.014228, H.014231 and H.014236 - Principal-in-Charge for topographic surveying and right-of-way mapping services.		
01/21 – 03/22	LADOTD, Rural Bridge Replacement Initiative Phase I; 7 State Project Numbers (22 Bridge Sites) in Districts 04, 05, 08 and 58 (4400017598), H.013979, H.013995, H.013992, H.013994, H.013985, H.013954, H.013990– Principal-in-Charge for topographic surveying and right-of-way mapping services.		
08/23 – Present	LADOTD, Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program- 10 State Project Numbers (13 Bridge Sites) District 61 (4400025029), H.015547, H.015548, H.015549, H.015341, H.015551, H.015552, H.015545, H.015550, H.015544, H.015553– Principal-in-Charge for topographic surveying and right-of-way mapping services.		

01/23- 01/24	LADOTD, US190-Livingston Parish Line, H.014218, East Baton Rouge Parish, LA (4400021974- Task Order 2) – Principal-in-Charge for this project providing topographic survey, Mobile LiDAR, and drainage mapping. This project is in a dense urban area and is approximately 4 miles long. The purpose of the project is to complete a road overlay and drainage improvements.
01/21-Present	LADOTD, I-49 Connector, H.004273.5, Lafayette Parish, LA – LADOTD – Principal-in-Charge responsible for providing topographic, terrestrial LiDAR scanning, and property surveying services for the I-49 Connector. The project is in a dense urban area and is approximately 5 miles long. Forte and Tablada, Inc. was able to mobilize up to four Survey crews on this project, in order to meet phased deadlines.
11/19-12/20	LADOTD, Calcasieu River Bridge Investigation, H.012083, Calcasieu Parish, LA- Surveyor to provide Mobile LiDAR scanning services for the I-10/Lake Calcasieu bridge in Lake Charles, LA. Terrestrial scans were done underneath the bridge for ten spans on the East and West side, on top the deck to capture the superstructure, as well as from the water below to capture the sub structure.
08/19-Present	LADOTD, I-10/Loyola Interchange Improvements, H.011670, Kenner, LA- Surveyor-in-Charge/Principal-in-Charge providing Topographic Survey, Right- of-Way Survey, and Drainage Survey. The project stretches along I-10, from the levee in Kenner to the Williams Blvd. off ramp, as well as Loyola Avenue and portions of Veterans Blvd for approximately 3.2 miles of roadway. The Survey was part of a Design-Build Project, which required weekly data updates, to allow the Design team to begin working and stay on schedule. Due to the compressed timeline of the Survey, a total of three survey firms were contracted to split up the workload, with Forte and Tablada, Inc. serving as Prime Surveyor, being responsible for management and QA/QC of all Survey work. Mr. Holleman originally managed SJB Group's portion of the Survey and is now serving as Principal-in-Charge for any ongoing or new work Forte and Tablada is tasked with.
1/2018 – 4/2020	LADOTD, I-10: LA 415 to Essen Lane, H.004100 - Surveyor-in-Charge for the topographic survey and 3D Mobile laser scanning. This project was for the widening design of Interstate 10 from LA 415 to Essen Lane in East Baton Rouge Parish. This Survey was part of a larger project that extended West to LA 415 and included a team of four survey firms to complete the work on schedule.
5/2018 – 4/2019	LADOTD, I-10 Paris Road, H.012591, Lake Pontchartrain, LA - Surveyor-in-Charge for the topographic survey, 3D Mobile laser scanning and existing drainage map. This project was for the design of Interstate 10 improvements of an 8 mile stretch in New Orleans East.
6/2016 – 2/2017	LADOTD, Chef Menteur Pass Bridge, H.000263, New Orleans, LA - Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for the design of new bridge to replace the existing swing bridge on US 90 over Chef Menteur Pass.
12/2014 – 3/2016	LADOTD, I-12 (LA 21 to LA 59), H.011137 & H.011152, St Tammany, LA – Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for widening of Interstate 12 from LA 21 to La 59 in St. Tammany Parish.
4/2012 – 9/2012	LADOTD, LA 3188 Drainage Improvements, H.009391, Laplace, LA – Surveyor-in-Charge for the topographic survey and existing drainage map. This project was for drainage improvements to resolve localized roadway flooding along La 3188. This project demonstrates Mr. Holleman's ability to fulfill the minimum personnel requirement of having over five (5) years of experience in conducting topographic surveys.
03/21 – 12/21	LADOTD, MOVEBR (20-EN-HC-0003) Florida Blvd. Corridor Enhancement – East Baton Rouge Parish, LA – Principal-in-Charge for this project providing topographic surveying, Mobile LiDAR, and drainage mapping services. This project is in a dense urban area and is approximately 4 miles long.
10/22 -12/22	LADOTD, Lafayette Streetscape Survey- Congress Street, Lafayette Parish, LA – Principal-in-Charge providing topographic, Mobile LiDAR, and property survey to establish existing right-of-way for approximately a mile of roadway along Congress Street.
10/22 -Present	LADOTD, Bootlegger Rd. Sidewalk PH2/Ochsner Blvd. Sidewalk PH1, St. Tammany Parish, LA – Principal-in-Charge providing topographic and property survey to establish existing right-of-way for approximately two miles along Bootlegger Rd. and Ochsner Blvd.
11/22-12/22	LADOTD, City-Parish Project No. 12-CS-HC-003- Mall of Louisiana Boulevard, East Baton Rouge Parish, LA – Principal-in-Charge responsible for topographic, terrestrial LiDAR, and property survey to establish existing right-of-way.

 <div> Firm FORTE & TABLADAda, Inc. </div>			
Ross Wilson, PLS (MPR 7) Surveyor		Years of Relevant Experience with this Employer	12
		Years of Relevant Experience with Other Employer(s)	2
Degree(s)/Years/Specialization		B.S./2010/Geomatics	
Active Registration Number/State/Expiration Date		5148/LA/03/31/2026	
Year Registered		2015	Discipline Land Surveying
Contract Role(s)/Brief Description of Responsibilities		MPR 7, Property Survey/ROW Maps. Ross has 12 years of experience of managing field crews and office work on on-system LADOTD Topographic Surveys, with 9 years being the Professional Surveyor in Charge on these projects. He is a Professional Land Surveyor licensed in the States of Louisiana, Mississippi, Texas, Arkansas, Florida, Tennessee, and Kentucky with 14.5 years of land surveying experience. Mr. Wilson has managed and performed CAD work on Property Surveys, Topographic Surveys, Right-of-Way Maps, and Construction Surveys.	
Experience Dates	Experience and qualifications relevant to the proposed contract.		
02/17-03/18	LADOTD, US 90/I-310 Interchange, H.010753.5, St. Charles Parish, LA - Surveyor responsible for topographic surveying and 3-D laser scanning at the intersection of US-90 and I-310 in St. Charles Parish.		
08/19-Present	LADOTD, I-10/Loyola Interchange Improvements, H.011670, Kenner, LA - Surveyor-in-Charge providing Topographic Survey, Right-of-Way Survey, and Drainage Survey. The project stretches along I-10, from the levee in Kenner to the Williams Blvd. off ramp, as well as Loyola Avenue and portions of Veterans Blvd for approximately 3.2 miles of roadway. The Survey was part of a Design-Build Project, which required weekly data updates, to allow the Design team to begin working and stay on schedule. Due to the compressed timeline of the Survey, a total of three survey firms were contracted to split up the workload, with Forte and Tablada, Inc. serving as Prime Surveyor, being responsible for management and QA/QC of all Survey work.		
01/12-12/20	LADOTD, Cook Road Improvements, H.012308, Livingston Parish, LA - Survey Manager for Topographic and Right-of-Way surveys for this project that designed improvements to an existing section of two lane roadway and an unimproved area with the construction of a four (4) lane boulevard section from LA Hwy 16 (Pete's Hwy) to LA Hwy 1026 (Juban Road), along with several bridges.		
06/20-Present	LADOTD, Rural Bridge Replacement Initiative Phase I; 7 State Project Numbers (22 Bridge Sites) in Districts 04, 05, 08 and 58 (4400017598), H.013979, H.013995, H.013992, H.013994, H.013985, H.013954, H.013990 - Surveyor for topographic surveying and right-of-way mapping services.		
03/13-07/15	LADOTD, Almonaster Avenue Lift Bridge, H.004698, Orleans Parish, LA - LADOTD - Survey Manager responsible for performing topographic and property surveys, developing a drainage map, establishing existing right-of-way for the north line of I- 10, Almonaster Avenue, and CSX Railroad property, and establishing elevations to develop a Digital Terrain Model with widths matching the limits of the topographic survey.		
08/15-Present	LADOTD, I-49 Connector, H.004273.5, Lafayette Parish, LA - LADOTD - Survey Manager/Surveyor-in-Charge responsible for providing topographic, terrestrial LiDAR scanning, and property surveying services for the I-49 Connector. The project is in a dense urban area and is approximately 5 miles long. Forte and Tablada, Inc. was able to mobilize up to four survey crews on this project, in order to meet phased deadlines.		
06-21-Present	LADOTD, Rural Bridge Replacement Initiative Phase II; 5 State Project numbers (20 Bridge Sites) in Districts 04 and 05 (4400019336), H.014219, H.014222, H.014228, H.014231 and H.014236 - Surveyor-in-Charge for topographic surveying and right-of-way mapping services.		



01/20-10/20	LADOTD, H.012588, H.012169, H.012587 I-10: Atch 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- <i>Project Manager</i> 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.
05/17-10/17	LADOTD, H.013052- LA 442 Tangipahoa River Bridge Replacement, Tangipahoa Parish, LA- <i>Surveyor</i> to provide topographic surveying for the LA 442 bridge over the Tangipahoa River. The survey included numerous cross-section surveys upstream and downstream of the bridge, as well as the along the bridge fascia.
01/13-03/13	LADOTD, H.009250 – I-10: Highland Road to LA 73 – East Baton Rouge and Ascension Parishes, LA – LADOTD – <i>Survey Manager</i> for the topographic survey of approximately 7.0 miles to widen the interstate.
10/13-10/14	LADOTD, H.002365.5 – LA 63: Bridges near Bluff Creek – East Feliciana Parish, LA – LADOTD – <i>Surveyor</i> provided topographic surveys in preparation for bridge replacements with drainage structures along three portions of the existing highway including utility location and depths. Finished floor elevations of all buildings that fall within the survey limits were <i>determined</i> .
10/17-03/20	LADOTD, Nelson Road Extension and Bridge Topographic Survey – <i>Surveyor</i> responsible for topographic survey services North of Contraband Bayou for LADOTD. Included in this work was a survey performed utilizing traditional methods for the Nelson Road Extension across Contraband Bayou to West Sallier Street.
03/21 – 12/21	LADOTD, MOVEBR Florida Blvd. Corridor Enhancement – East Baton Rouge Parish, LA – <i>Surveyor</i> for this project providing topographic surveying services. This project is in a dense urban area and is approximately 4 miles long. Forte and Tablada completed laser scanning services for much of the congested corridor as a means of obtaining topographic data without endangering surveyors.
05/21 – 12/22	LADOTD, H.003931 Calcasieu River Bridge (HBI) – Calcasieu Parish, LA – <i>Surveyor</i> for this project providing topographic surveying services. This project is in a high-traffic industrial area along I-210 and is approximately 7 miles long. Forte and Tablada completed laser scanning services for much of the corridor as a means of obtaining topographic data without endangering surveyors.

Firm		FORTE & TABLADA Forte & Tablada, Inc.	
 Janice P. Williams, P.E. QA/QC Engineer	Years of Relevant Experience with this Employer		<1
	Years of Relevant Experience with Other Employer(s)		32
Degree(s)/Years/Specialization	BSCE/1985/Civil Engineering		
Active Registration Number/State/Expiration Date	23866/LA/3-31-2025		
Year Registered	1990	Discipline	Civil Engineering/Environmental Engineering
Contract Role(s)/Brief Description of Responsibilities	Quality Assurance Lead. Janice will lead the Roadway Quality Control.		


Experience Dates	Experience and qualifications relevant to the proposed contract.
03/23 - Present	Serves as QA/QC Engineer providing thorough and timely reviews of construction plans for conformance with quality standards and applicable guidelines. Provides guidance for plan development to ensure cost-effective, appropriate solutions are employed for engineering challenges. Develops and implements training to improve procedures and expand staff skill set. Provides expertise in development of highway construction plans with a focus on constructability. Advises senior staff on complex transportation issues regarding DOTD and other agencies.
04/14-01/18	Served as Chief Engineer at LADOTD. As the engineering leader of LADOTD, Janice provided guidance to a staff of more than 500 engineers, engineering technicians and support staff. She was responsible for establishing the engineering standards, policies, and procedures that guide delivery of projects. In addition, Janice was accountable for the on-time and on-budget delivery of the yearly DOTD Highway Priority Program. Janice focused on delivery of quality plans and invested much of her time in reviewing plans prior to finalization to ensure plans were clear, concise, and correct prior to approving them as final. Janice's vast experience with all types of projects from Mississippi River crossings to off system bridges uniquely qualifies her to perform QA/QC activities.
06/10-03/14	Served as Chief Project Development Division at LADOTD. Janice was responsible for directing activities of 275 staff who delivered annual construction program for DOTD with total construction valued over \$600 million. Work units within this division included: Real Estate, Location and Survey, Road Design, Bridge Design, Pavement and Geotechnical Design and Project Management Sections. Administered sections which delivered complex designs for various type transportation infrastructure facilities; other design support functions; project management services and right of way acquisition. During her tenure as Project Development Chief, she was responsible for successfully directing redesign of the I-49N and I-220 Interchange (H.003495 and H.011111) under a tight deadline to meet funding constraints. Redesign was required after significant constructability issues were identified in regard to the adjacent landfill and timely deliver was paramount to capture the funding.
08/06-06/10	Served as Chief Systems Engineering Division at LADOTD. Administered the Systems Engineering Division of the state's multi modal transportation system in an efficient, cost effective manner. Responsible for activities and production for System Preservation Section; Pavement and Geotechnical Design Section; Systems Engineering Section (Right of Way Permits, Railroad Safety and Rest Area Program); Utility Relocation Section and Truck Permits & Weight Enforcement Police. Exercised highest level administrative supervision over statewide Systems Engineering activities and established policy for the Systems Engineering Division Programs to ensure that uniform procedures and standards were developed and followed.
06/85-10/87	Janice began her career as an Engineer Intern in the Road Design Section at LADOTD. She gained design experience on various types of highway projects including bridge replacement, intersection improvements, and roadway reconstruction with subsurface drainage. Janice also performed reviews of consultant plans for accuracy, conformance to policy and compliance with DOTD standards and guidelines.

		Firm AECOM AECOM Technical Services, Inc.	
Gary Maji, PE Associate Vice President, Senior Project Manager		Years of Relevant Experience with this Employer	25
		Years of Relevant Experience with Other Employer(s)	11
Degree(s)/Years/Specialization		BS/1988/Civil Engineering	
Active Registration Number/State/Expiration Date		PE.0043044/LA/3.31.25 Additional active license: PE CO, UT	
Year Registered		2018 (LA)	Discipline Civil Engineer
Contract Role(s)/Brief Description of Responsibilities		Quality Assurance Lead. Gary has been in responsible charge of the project/program management, design, rehabilitation, and reconstruction of urban streets, highway bridges and railroad bridges and box culverts built in accordance with AASHTO and AREMA specifications. He has led multi-disciplinary teams throughout the development of the conceptual, preliminary and final design phases and on-call engineering contracts for federal, state and local agencies. His experience includes right-of-way/surveying, environmental, and utility coordination throughout project development. His experience includes the design and preparation of steel and concrete girder bridge plans, project special provisions and project cost estimates formatted in accordance with capital project guidelines.	
Experience Dates	Experience and qualifications relevant to the proposed contract.		
03/21 – Present	LADOTD, I-49 Connector, Lafayette, LA. Structure Task Manager. Conceptual and preliminary design of this 7-mile reconstruction of I-49 through downtown Lafayette, LA. This project has a budget projected over \$1 billion and includes approximately 20 bridges and numerous retaining walls. Bridges span over several interchanges, Vermilion River, short line railroads and a roadway grid network through the Lafayette Central Business District. Structure designs included the evaluation of a 2-mile viaduct structure and a signature span structure considering cast-in-place segmental, spliced concrete tub girders, arched-rib and cable-stayed structure types that integrated context sensitive solutions into the bridge and structure design. Gary recently submitted two conceptual design submittal packages for highway grade separations across BNSF and LDOR track.		
05/20 – Present	El Paso County, South Academy Blvd over BNSF Rehabilitation, El Paso County, CO. Structure Lead. Bridge rehabilitation design for an 800-ft, 6-span, steel plate girder bridge over BNSF tracks in Colorado Springs. As part of the bridge preservation efforts, Gary's team conducted nondestructive testing to evaluate the existing deck condition, performed a fatigue assessment and load rating analysis to develop retrofits for fatigue prone details and identified expansion joint and bearing repair and replacement details to extend the bridge design life. Design efforts include railroad coordination and design submittals developed in accordance with the UPRR/BNSF RR Grade Separation Guidelines.		
05/09 – Present	City of Fort Morgan, I-76 Corridor Design, Fort Morgan, CO. Project Manager, Structures Task Manager. Preliminary and final design of more than 27 structures along I-76 within a 16-mile corridor. This design work required safety improvements at four interchanges and complete reconfiguration at three other interchanges. Bridges crossed over canals, county roads, waterways, and the BNSF railroad. As part of the design of the I-76 Bridges over BNSF and Beaver Creek, Gary managed the development and submittal process for the conceptual, preliminary and final design requirements performed in accordance with the UPRR/BNSF RR Grade Separation Guidelines.		
03/13 – 05/21	City of Fort Collins, Lemay Avenue over BNSF/Vine Improvements, Fort Collins, CO. Structure Manager. Planning and design development for a new bridge crossing over Vine Street and the BNSF Railway tracks in northeast Fort Collins. Using a CM/GC project delivery, Gary's structure team led the design of a single-span bridge, (13) rockery retaining walls, and a pedestrian underpass structure that improves safety and provides multimodal connectivity to this area of the city. Design efforts included railroad coordination and design submittals developed in accordance with the UPRR/BNSF RR Grade Separation Guidelines.		


04/16 – 11/20	CDOT, C-470 Express Lanes D/B, Denver, CO. QA/QC Manager. As part of CDOT's \$215 million C-470 Express Lanes Design Build Project, AECOM designed and constructed 16 bridges and 18 overhead sign structures for this 12.5-mile corridor in Denver, Colorado. Bridge designs included widenings, rehabilitations and new construction in accommodate the interstate roadway re-configuration. Signs were designed in accordance with AASHTO'S Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals and CDOT's Bridge Design Manual. As QA/QC Manager, Gary created project work plans, design protocols, and developed a project specific quality manual.
09/18 – 05/19	LADOTD, I-10 at Loyola Avenue Interchange Design-Build Tender Offer, Kenner, LA. Proposal Project Manager and Structural Design Manager. Interchange improvements at the I-10 at Loyola Drive to provide new direct access ramps to handle traffic to and from the new passenger terminal at Louis Armstrong International Airport. Duties included coordination with the contractor and all design tasks to prepare the proposal along with review and evaluation of multiple alternative technical concepts. Led plan development and quantity calculations for contractor bid.
05/13 – 07/15	LADOTD, Jimmie Davis Bridge, Shreveport, LA. Bridge Engineer. Responsible for the conceptual design and report for bridge replacement and rehabilitation alternatives of the Jimmie Davis Bridge over the Red River. Design efforts evaluated spliced-concrete U-girder, cast-in- place concrete segmental and steel plate girder alternatives.
02/12 – 05/15	City of Fort Collins, Fossil Creek Trail Underpass at BNSF, Fort Collins, CO. Project Manager and Structural Task Leader. Responsible for the conceptual and preliminary design of a trail underpass structure through an existing 25-ft railroad embankment. Developed design details, structural reports and cost estimates for both bridge and tunneled structure types for approval by BNSF Railway. Designs incorporated E-80 live load conditions developed in accordance with AREMA criteria. Also led efforts for the development and received approval for the PUC underpass agreement.
03/08 – 10/11	CDOT, US 50 over BNSF Railway, Prowers County, CO. Quality Manager. Gary provided quality oversight for the multi-disciplinary preliminary and final design engineering, and construction support services for the construction of a new bridge and roadway alignment across BNSF Railway tracks for the CDOT Region 2 Lamar Residency. The project included a roadway alignment study to confirm the preferred alignment for the reconstruction of the new US 50 overpass. Extensive stakeholder coordination was required to facilitate the NEPA process and maintain schedule. The design team also used the UPRR/BNSF RR Grade Separation Guidelines to initiate and facilitate the railroad submittal and approval process.


 <div> Firm AECOM AECOM Technical Services, Inc. </div>		
 <div> Kordel Braley, PE, PTOE Associate Vice President </div>	Years of Relevant Experience with this Employer	6
	Years of Relevant Experience with Other Employer(s)	12
Degree(s)/Years/Specialization	MS/2007/Civil & Environmental Engineering; BS/2005/Civil & Environmental Engineering	
Active Registration Number/State/Expiration Date	PE.0047329/LA/03.31.2025 Additional active license: PE AZ, CO, ID, NV, TX, UT; PTOE/#3173	
Year Registered	2022 (LA)	Discipline Civil Engineering
Contract Role(s)/Brief Description of Responsibilities	Quality Assurance Lead. Kordel is a senior traffic engineer with extensive experience in transportation analysis. He specializes in the development and application of complex microsimulation models such as Vissim to help planners, designers, and decision-makers create safe and efficient projects. In Texas, Kordel has led or assisted in the development of several Interchange Access Justification Reports (IAJRs). With the recent update of the FHWA Traffic Analysis Toolbox (TAT) Volume III, Kordel has worked proactively with TxDOT's DES Div to perform new types of analysis, including cluster analysis and statistical evaluation of alternatives to provide a more data-driven approach to traffic analysis.	
Experience Dates	Experience and qualifications relevant to the proposed contract.	
06/13 - Present	City-Parish of East Baton Rouge /Parish of EBR (MOVEBR) Jones Creek Road Extension Segments 1A and 1B, Baton Rouge, LA. Project Quality Assurance/Quality Control. QA/QC Engineer reviewing for Traffic Analysis for geometric alternatives for the inclusion of the Jones Creek Road Extension terminus to Airline Highway (US 61). Traffic analysis included alternatives that closed median crossings, signalized intersections improvements, and roundabouts.	
07/21 – 10/22	TxDOT, I-10/I-410 (North) Interchange Evaluation, San Antonio, TX. Traffic Task Lead. Kordel providing preliminary analysis of the I-10/I-410 interchange evaluation in northern San Antonio. AECOM is evaluating several options for this interchange and approach legs and developing a preferred alternative to advance to the schematic/ENV phase. Kordel led the traffic team in using innovative analysis procedures to evaluate existing and future no build conditions and assist in the development of alternatives. Kordel worked collaboratively and proactively with the other discipline leads to identify and document issues and develop and analyze potential options.	
06/19 – Present	TxDOT, LP 1604, FM 1346 to FM 1303, San Antonio, TX. Lead Traffic Engineer. Kordel provided traffic design, including capacity analysis of segments and intersections using HCS and Synchro. He collected and processed traffic from active and passive sources, developed traffic forecasts, and analyzed travel times, delay, and LOS. He also supported design of signing and pavement marking, performed traffic engineering at intersections, supported environmental analysis, and oversaw predictive safety analysis.	
10/18 – Present	TxDOT, LP 1604 and I-10 Schematic and IAJR, San Antonio, TX. Lead Traffic Engineer. Kordel is the traffic lead for the development and calibration of a Vissim model for over 20 miles of freeway and frontage road corridor in northern San Antonio. The model was used to evaluate numerous scenarios and to prepare a draft IAJR for the I-10 interchange area. The IAJR also included a detailed crash analysis and predictive safety analysis using ISATe. The IAJR was approved by FHWA in 2022. Kordel is now leading efforts to analyze dozens of traffic control plans for construction of this project ensuring safety of all modes.	
09/19 – 07/22	TxDOT, I-35W at US 67 IAJR, Alvarado, TX. Lead Traffic Engineer. Kordel developed an IAJR for this project that improves safety and operations to I-35W near US 67 in Alvarado. The IAJR analyzes the impacts to mainlanes, frontage roads, and frontage road cross streets both in terms of traffic operations but also safety. The IAJR was approved in 2022.	

07/20 – Present	TxDOT, Oak Hill Parkway Design Build, Austin, TX. Lead Traffic Engineer. Kordel provided traffic analysis and development of Vissim models for maintenance of traffic phases and steps for this freeway construction project, which involves the reconstruction and widening of US 290 from the east end of Circle Drive to Loop 1 (MoPac) and SH 71 from US 290 to Silvermine Drive in Travis County.
06/18 – Present	Lehi City, On-Call Traffic Engineering Support, Lehi, UT. Project Manager, Traffic Engineer. Kordel works with Lehi City on an on-call basis to provide traffic engineering support for its Engineering and Public Works departments. Work tasks include traffic signal warrants, pedestrian studies, safe routes to school studies, and speed studies. One larger task order included identifying and prioritizing several gaps in pedestrian facilities in the northeast portion of Lehi. With the opening of a new high school, the city desired to improve conditions for pedestrians. In addition to making several recommendations for controlled and uncontrolled pedestrian crossings, he also helped identify gaps in sidewalk facilities and developed a simple and transparent prioritization process to assist the City complete the missing gaps.
12/13 – 12/18	Utah Valley Express (UVX) Bus Rapid Transit Final Design, Utah County, UT. Traffic Engineer. Kordel provided traffic engineering and forecasting services for the Utah Transit Authority (UTA) for the design of a 10.5-mile Bus Rapid Transit (BRT) line in Provo and Orem, Utah. Kordel performed microsimulation analysis—using Vissim—of one of the three design segments that covered 900 East to assist the designers in intersection and signal design including transit signal priority (TSP). Kordel also provided traffic engineering support during construction. Kordel's involvement in this project began with a previous employer where he was the lead planner involved in the Provo/Orem BRT Second Opinion Study completed for the Provo Municipal Council in 2014. This study involved close coordination and collaboration with multiple stakeholders including UTA, UDOT, MAG, WFRM, Provo City, BYU, and the LDS Church (MTC). The study successfully brought multiple parties together and helped the BRT project continue to progress.
04/15 – 06/18	UDOT, Traffic Study Support, Statewide, UT. Project Manager, Traffic Engineer. Kordel led efforts to for traffic studies on an on-call basis. Comprehensive traffic studies were required to be delivered on short notice, usually within 1 week of request. Over a 3-year period, Kordel's team completed nearly 300 studies, including signal warrants, HAWK warrants, advanced warning system warrants, left-turn studies, pedestrian crosswalk studies, speed studies, passing zone studies, and advisory curve speed studies. These studies were performed across all four regions in Utah. Individual tasks on these studies included data collection, analysis, report preparation, and coordination with the UDOT review team, who is responsible for approving the final studies. These studies also included a cursory safety review using data from UDOT's web-based crash portal (Numetric). Kordel also assisted the project team in evaluating and creating analysis methodologies, such as a warranting process for advance signal system installation, left-turn phasing, and pedestrian crossings. Kordel has collaborated with other consultants and UDOT staff to deliver traffic and safety engineering studies to UDOT.
04/20 – 10/21	Wasatch Front Regional Council, Local Link Alternatives Analysis, Salt Lake City, Millcreek, and Holladay, UT. Deputy Project Manager, Lead Traffic Engineer. Kordel provided traffic engineering services for this alternatives analysis of transit along 1300 East and Highland Drive in Salt Lake City, Millcreek, and Holladay. He participated in the development of travel times and preparation of ridership estimates for several options, including light rail transit, bus rapid transit, streetcar, and enhanced bus along two alignments. Vissim models will also be used to evaluate alternatives.
04/21 – 08/21	Benefit-Cost Analysis for US 101/Hearn Avenue Interchange Project, Santa Rosa, CA. Lead Traffic & Safety Engineer. Kordel assisted in the preparation of this report in support of the RAISE Funding Application. He analyzed both traffic and safety data to quantify the economic benefit of adding vehicle, bike, and pedestrian capacity to the Hearn Avenue Interchange. The addition of capacity to a US 101 exit ramp was also considered as queued vehicles currently extend onto SB US 101. The analysis included both predictive safety analysis as well as the evaluation of crash modification factors (CMFs) from the Highway Safety Manual (HSM). Kordel also evaluated the benefits due to delay savings and air quality improvement in the region due to the proposed changes.


Firm		AECOM AECOM Technical Services, Inc.	
 John Volk, PE Vice President, Civil	Years of Relevant Experience with this Employer		39
	Years of Relevant Experience with Other Employer(s)		0
Degree(s)/Years/Specialization	MS/1984/Civil Engineer; BS/1983/Civil Engineer		
Active Registration Number/State/Expiration Date	38377/LA/03.31.26 Additional PE Licenses: PA, NJ, DE, NY, VA, OH, WI, IN, MD, WV, CT, SC, NC, TX		
Year Registered	2013	Discipline	Civil Engineer
Contract Role(s)/Brief Description of Responsibilities	Quality Assurance Lead. John is a geotechnical engineering manager with significant experience in soft soils and ground improvement for major earthen levees and port projects throughout the Gulf Coast and East Coast with contract values more than \$1 billion. He develops cost-effective solutions for foundation improvement and slope stabilization for challenging soils. John's geotechnical analysis and design experience includes seepage and slope stability, settlement, deep foundation design (driven piles, drilled shafts), floodwalls, closure gates, sector gates, and embankment design, following HSDRRS. John has 39 years of experience in the subsurface investigation, foundation design, retaining and earth structures, levees, dam and floodwall design of numerous projects in Pennsylvania and surrounding states (registered in 14 states). He has been significantly involved with Levee/Floodwall Reconstruction in New Orleans and levee design for 15 years.		
Experience Dates	Experience and qualifications relevant to the proposed contract.		
11/19 - 06/24	I-635 East Design-Build Reconstruction Project, Dallas, Texas. Project Geotechnical Engineer. Responsible for retaining wall design for the I-635 East Reconstruction Project in Dallas, Texas. This 11-mile design-build highway project (\$1.75 billion) involves 96 MSE retaining walls that range from 15 to 40 feet in height. The highway is underlain by thick deposits of stiff clays. Ground improvement involving limited over-excavation and replacement with crushed aggregate was required to meet stability and bearing requirements. Significant geotechnical investigation and laboratory testing program was performed as part of design		
01/17 - 06/24	Mid-Barataria Sediment Diversion Project, Plaquemine Parish, LA. Senior Geotechnical Reviewer. Senior Geotechnical Reviewer for pile foundations and deep soil mixing for key elements of this \$1.9 billion project in the soft clays of south Louisiana. Major structures include the 250 by 600 ft inlet structure through the Mississippi River levee, a 2200-ft long railroad bridge, 2200-long highway bridge, 1800 ft long access bridge, and 30-ft high retaining walls. All major structures will be pile supported primarily with 24 to 30-in open-end steel pipe piles up to 120-ft long but also 24 and 30-in square concrete piles, H-piles, and timber piles. Over 2500 piles will be driven, and 27 static load tests will be performed to verify pile design		
01/16 - 06/21	I-64 Reconstruction in Virginia Beach, Virginia. Principal Engineer. Principal Engineer involved with the \$100 million I-64 Reconstruction in Virginia Beach, Virginia. John is responsible for ground improvement on approximately 2 miles of soft ground construction. Ground stabilization techniques that have been evaluated and utilized include: wick drains and surcharging, highstrength geotextile as base reinforcement, precast piled embankment, and lightweight fills (low density cementitious fill). Extensive instrumentation was utilized to monitor the performance of the soft soils		
01/07 - 12/14	Design and re-construction of levees of 25 miles in New Orleans East. Lead Geotechnical Engineer. Lead geotechnical engineer for 7.5 miles of levees utilizing wick drains, high-strength geotextiles, and deep mixing methods for ground improvement. LPV 109.02a is a 7.5 mile reach in New Orleans East that included using I-10 as a levee. The existing levees were raised approximately four to seven feet with a protected side raise on virgin ground. The new levee construction requires embankment construction in two stages to heights of 18 to 22 feet above existing grades of the tidal marsh. The raises were accomplished with the use of stability berms, wick drains and highstrength geotextiles and geotechnical instrumentation. DMM (soil-cement mixing) was utilized under the drainage structures and pump stations.		

01/20 – 12/23	USACE, Galveston District of USACE 11 Miles of Levees, Freeport, Texas. Lead Geotechnical Engineer. Lead Geotechnical Engineer for 11 miles of levees in Freeport, Texas for the Galveston District of USACE. This project includes over 400 explorations (test borings and CPTs) and extensive laboratory testing program. The existing levees will be raised approximately two to seven feet with a protected side raise. The levees protect from the East Brazos River and include earthen levees, T-walls and I-walls. H-piles will be used for the deep foundations of structures.
01/20 – 12/20	Southern Pennsylvania Transportation Authority (SEPTA), Township Line Station, Havertown, PA. Project Geotechnical Engineer. Geotechnical investigation and geotechnical recommendations for upgrades to station platform.
01/24 – Present	SEPTA, Wawa to Elwyn Line Reconstruction, Lenni, PA. Project Geotechnical Engineer. Geotechnical recommendations for design and construction of pile foundations including H-piles and micropiles.
01/24 – Present	SEPTA, Newtown Bridge Reconstruction, Newtown, PA. Project Geotechnical Engineer. Geotechnical recommendations for design and construction of drilled shaft foundations in Neshaminy Creek.
01/23 – Present	PennDOT, P3 Rapid Delivery Bridge Replacement Project, Districts 4-0, 5-0, 6-0, 8-0, Various Counties, PA. Lead Geotechnical Engineer. Responsible for the site reconnaissance and site characterization data along with preliminary foundation recommendations for 125 bridges extending across Districts 4, 5, 6, and 8.
01/14 – 05/16	Design & CM IDIQ Inner Harbor Navigation Canan Miter Gates, LA. Geotechnical Engineer. AECOM, in joint venture, provided construction management services for the replacement of the miter gates at the Inner Harbor Navigation Canal.
01/16 – 12/16	Upper Dublin Township, Flood Retarding Structures, Upper Dublin, PA. Principal Geotechnical Engineer. This project involved two flood control structures on Pine Run and Rapp Run with a storage area of 400 acre-feet. The 15-foot-high dry dams with labyrinth weirs were designed and constructed to reduce flooding in Fort Washington Business Park. Provided a diverse range of services including geotechnical, hydraulics and hydrology, surveying, environmental, permitting, and plans, specs, and cost estimating.
01/08 – 12/08	Philadelphia Eagles, Philadelphia Eagles Stadium, Philadelphia, PA. Geotechnical Engineer of Record. Responsible for stadium foundations that involved 3,700 pipe piles to depths of 120 feet. A test pile program using PDA and CAPWAP analyses assisted in the design and in estimating tip elevations for construction. Capacity of the piles was confirmed by pile load-tests. Seismic evaluation included development of multilevel site-specific bedrock ground motions and site response spectra for structural engineers. A liquefaction evaluation was also performed.


Firm		AECOM AECOM Technical Services, Inc.		
	Louis Costa		Years of Relevant Experience with this Employer	22
	Environmental Compliance		Years of Relevant Experience with Other Employer(s)	31
Degree(s)/Years/Specialization		Engineering Graphics & Architectural Design		
Active Registration Number/State/Expiration Date		N/A		
Year Registered		N/A	Discipline	N/A
Contract Role(s)/Brief Description of Responsibilities		Road Design Services. <i>Louis will provide project oversight with his knowledge of the project sight and environmental concerns that may affect the design.</i>		
Experience Dates	Experience and qualifications relevant to the proposed contract.			
03/14-06/20	LADOTD, I-310/US 90 Interchange Modification Report, (SP No. H.010753.1), St. Charles Parish, LA: Project Manager. Project Manager for the Environmental Assessment and Interchange Modification Report involving the new alignment of a ramp from US 90 onto I-310. As part of this project Louis led the environmental documentation process and assisted in the vetting of the alternatives.			
5/10-2/14	I-49 South, Interim Improvements for Safety and Efficiency, Raceland to Westbank Expressway, Louisiana Department of Transportation & Development (LADOTD), Lafourche, St. Charles, and Jefferson Parishes, LA. Project Manager. Project Manager tasked to develop a program of Stage 0 projects that would provide interim capacity and safety improvements along the US 90 corridor from LA Highway 1 to the current terminus of the elevated portion of the Westbank Expressway and would upgrade the existing US 90 highway to interstate standards from LA Highway 1 to Interstate 310. Louis' responsibilities included environmental planning and geometric review, interchange ramps, and intersections with local collector and arterial roadways; review of cost estimates for alternative concepts; analysis of environmental impacts; and preparation of an implementation plan. This included an original plan to connect US 90 to I-310 via a flyover ramp.			
02/03-01/08	LADOTD, I-49 South, Raceland to Westbank Expressway EIS, SPN 700-92-0011, Lafourche, St. Charles, and Jefferson Parishes, LA. Project Manager. Louis managed this EIS for 38 miles of interstate highway in the US 90 corridor. He led a team providing line and grade, public outreach, traffic analysis, website development, cultural resource investigation, and preparation of supplemental environmental reports. Originally the project was intended to prepare two EISs for each of two sections of independent utility. Following the review of the DEIS for SIU 1 comments and in response to the 2005 hurricane season, a single EIS was undertaken. AECOM performed line and grade and public outreach services as well as program management. Louis was the lead author of the EIS document. A ROD was issued by FHWA in 2008. This project was one of the first LADOTD projects to include a Project Management Plan mandated for mega-projects by SAFETEA-LU.			
08/22-Present	LADOTD, Reserve to I-10 Connector, SPN H. 004891.5, Ascension Parish, LA. Environmental Planner. This project seeks to complete the EA and Interchange Justification Report for the planned connection between the Port of South Louisiana GlobalPlex facility, and other lands, directly to I-10 in Ascension Parish. Lou has supported the AECOM Task to determine funding sources and delivery methods.			
05/13-07/15	LADOTD, Red River Bridge at Jimmie Davis Highway (LA 511) EA, SPN H.001779.5, Bossier and Caddo Parishes, LA. Project Manager. Louis managed this EA to improve capacity of the LA 511 crossing of the Red River. Major concerns were community concern that the project is long overdue, commercial relocations, impacts to wetlands, and the inclusion of a shared use trail on the bridge to connect the existing trails on each side. A FONSI was issued by FHWA in 2015.			
07/15-Present	LADOTD, I-49 Lafayette Connector Supplemental EIS, SPN H.004273.5, Lafayette, LA. Environmental Task Lead. Louis is managing the preparation of the SEIS for the 5.5-mile segment of I-49 South through urban area of Lafayette, LA. This assignment includes management of the Section 106 process for the project-both the Standing Structures Inventory Update and the consultation process. To date, work has involved preparing the Inventory Update and coordinating with the CSS and design team members in a Concept Refinement Process to identify alternatives to be studied in the SEIS.			


 <div> Firm AECOM AECOM Technical Services, Inc. </div>	
<div> <div> Corey Serigne Senior CADD Technician </div> <div> Years of Relevant Experience with this Employer 30 </div> </div>	
<div> <div> Years of Relevant Experience with Other Employer(s) 11 </div> </div>	
Degree(s)/Years/Specialization	Vocational Technical Certificates in Various Graphics/Drafting and Design Applications
Active Registration Number/State/Expiration Date	N/A
Year Registered	N/A
Discipline	N/A
Contract Role(s)/Brief Description of Responsibilities	Road/Drainage Design. <i>Corey is a skilled CADD technician with considerable experience in civil engineering projects. He has been responsible for various graphic, cartographic, and CADD applications.</i>


Experience Dates	Experience and qualifications relevant to the proposed contract.
03/14-06/20	LADOTD, I-310/US 90 Interchange Modification Report, (SP No. H.010753.1), St. Charles Parish, LA: CADD Designer. CADD Designer for the Environmental Assessment and Interchange Modification Report involving the new alignment of a ramp from US 90 onto I-310. The task. Corey's responsibilities include geometric design (horizontal and vertical) for line/grade conceptual drawings, analyzing and proposing several alignments.
05/10-02/14	LADOTD, Stage 0 Feasibility Study and Report, I-49 Raceland to the West Bank Expressway (26 Stage 0 Reports), (H.005171), Lafourche, St. Charles, and Jefferson Parishes, LA: Lead CADD Designer. The project goal was to identify improvements in the US 90/I-49 corridor between Wax Lake and Berwick that can be implemented to improve safety and operations pending construction of I-49. These improvements can include partial construction of segments of I-49, rerouting of I-49, and improvements to US 90. Corey's responsibilities include geometric design (horizontal and vertical) for line/grade conceptual drawings, analyzing and proposing several alignments.
06/21-Present	Port of New Orleans, Louisiana International Terminal, LA 46 & LA 39, St. Bernard, LA. Lead CADD Designer. The project consists of realigning LA 46 (St. Bernard Highway) and a new interchange connecting to LA 39 (East Judge Perez Drive), including access roads for the proposed Louisiana International Terminal Container Facility. The tasks included creating a new alignment for the existing LA 46 (St. Bernard Highway), including proposed horizontal and vertical alignments, typical sections, and detail drawings. The LA 39 interchange includes the horizontal and vertical alignment of access roads connecting the proposed intermodal container facility to a new interchange connecting to existing LA 36 (East Judge Perez Drive).
09/17-Present	Coastal Protection and Restoration Authority, LA 23 Over Mid-Barataria Sediment Diversion, Plaquemines Parish, LA. CADD Designer. The project consists of a new concrete precast girder bridge, approximately 2,200 feet in length, and the connecting asphalt roadway. Design plans include plan and profile sheets, drainage plan and profile sheets, and sequence of construction plans. Multiple construction activities will be conducted at one time. The sequence of construction is a critical element of design to manage traffic and maintain roadway operations even if evacuation routes would be required. Corey performed 3D modeling using InRoads to develop plan, profile, and typical sections for the relocation of LA 23 across the proposed Mid Barataria Sediment Diversion Channel.
06/21-Present	City of Baton Rouge/Parish of East Baton Rouge, College Drive Enhancements, Baton Rouge, LA. CADD Designer. The project is providing capacity and safety enhancements to the College Drive corridor. Corey developed plan and profile views of multiple alternatives of road improvements to support the design study. Future tasks include preliminary and final plans of the selected improvements.

Firm		AECOM AECOM Technical Services, Inc.	
 Oscar Avila Road Design Engineer	Years of Relevant Experience with this Employer		24
	Years of Relevant Experience with Other Employer(s)		12
Degree(s)/Years/Specialization	Engineering Graphics & Architectural Design		
Active Registration Number/State/Expiration Date	N/A		
Year Registered	N/A	Discipline	N/A
Contract Role(s)/Brief Description of Responsibilities	Road/Drainage Design. Oscar will be supporting the Project Manager and other team members for Road Design Services During Env Process services under this contract.		


Experience Dates	Experience and qualifications relevant to the proposed contract.
03/14-06/20	LADOTD, I-310/US 90 Interchange Modification Report, (SP No. H.010753.1), St. Charles Parish, LA: CADD Designer. CADD Designer for the Environmental Assessment and Interchange Modification Report involving the new alignment of a ramp from US 90 onto I-310. The task. Oscar's responsibilities include geometric design (horizontal and vertical) for line/grade conceptual drawings, analyzing and proposing several alignments.
05/10-02/14	LADOTD, Stage 0 Feasibility Study and Report, I-49 Raceland to the West Bank Expressway (26 Stage 0 Reports), (H.005171), Lafourche, St. Charles, and Jefferson Parishes, LA: Lead CADD Designer. The project goal was to identify improvements in the US 90/I-49 corridor between Wax Lake and Berwick that can be implemented to improve safety and operations pending construction of I-49. These improvements can include partial construction of segments of I-49, rerouting of I-49, and improvements to US 90. Oscar's responsibilities include geometric design (horizontal and vertical) for line/grade conceptual drawings, analyzing and proposing several alignments.
10/21-Present	Preliminary Port of New Orleans, Design for Relocation of LA 39 and for Terminal Access Roads and Interchange Improvements to LA 46 for the Development of the Louisiana Intermodal Terminal, Violet, LA. Lead CADD Designer. Oscar's duties included the CADD development of conceptual geometric design for the relocation of St Bernard Highway (LA 46) which included a new highway overpass over the yard lead railroad track, improvements along Judge Perez Drive (LA 39), and the access interchange and the new port access boulevard to the terminal gate.
09/17-10/18	St. Bernard Port & Terminal Intersection Improvement, Chalmette, LA. Responsible for developing 3D model of the proposed roadway and will also prepare Cross Section, Plan and Profile, Detour Plans and Typical Sections.
12/15-08/16	MDOT, SR 182 Over Vernon Branch (Bridge No. 178.6), Lowndes County, MS. AECOM prepared Phase A Preliminary roadway plans for the bridge replacement at Vernon Branch (Bridge No. 178.6) on SR 182. The Phase A roadway plans were developed based upon replacing bridges via road closures. Oscar is responsible for developing a 3D model of the proposed roadway and bridge from DTM, and will also prepare cross section, plan and profile, detour plans, and typical sections.
09/17-Present	Coastal Protection and Restoration Authority, LA 23 Over Mid-Barataria Sediment Diversion, Plaquemines Parish, LA. CADD Designer. The project consists of a new concrete precast girder bridge, approximately 2,200 feet in length, and the connecting asphalt roadway. Design plans include plan and profile sheets, drainage plan and profile sheets, and sequence of construction plans. Multiple construction activities will be conducted at one time. The sequence of construction is a critical element of design to manage traffic and maintain roadway operations even if evacuation routes would be required. Corey performed 3D modeling using InRoads to develop plan, profile, and typical sections for the relocation of LA 23 across the proposed Mid Barataria Sediment Diversion Channel.

Firm		AECOM AECOM Technical Services, Inc.	
 Greer Kenney, EI Civil Engineering Intern	Years of Relevant Experience with this Employer		1
	Years of Relevant Experience with Other Employer(s)		0
Degree(s)/Years/Specialization		Civil Engineering, B.S./2023	
Active Registration Number/State/Expiration Date		EI.0035836/LA/3/31/2025	
Year Registered		2024	Discipline N/A
Contract Role(s)/Brief Description of Responsibilities		Road/Drainage Design Services. Greer is a Civil Engineering Intern with experience in technical development for transportation engineering projects. Tasks and project experience include roadway design, design plan development, construction cost estimating, document control, and plan checking. Greer will be supporting the Project Manager and the other team members to provide road design services under this contract.	
Experience Dates		Experience and qualifications relevant to the proposed contract.	
07/23-Present	City of Baton Rouge/Parish of East Baton Rouge, College Drive Improvements (Perkins Road to Bawell), Baton Rouge, LA. This project is to provide access management, signalization, and capacity improvements along College Dr. This project will also improve access for pedestrians through signal improvements, sidewalk connections, and transit stop improvements. Personal involvement in this project has included production and detailing of the title sheet, plan and profile sheets, typical sections, geometric layout sheets, and striping plans.		
12/23-Present	City of New Orleans DPW, Lafitte Greenway, New Orleans, LA. The Lafitte Greenway is 2.6 mile linear park and multi-use trail in the heart of New Orleans, LA. It serves as a premier bicycle and pedestrian pathway, connecting neighborhoods from the French Quarter to City Park. Work included, adding bollards to entry points along the Greenway, path work of the multiuse pathways, and mill and overlay of roadways to provide enhanced connections points from the Greenway to road segments. Personal involvement in this project has included assisting in the design support for sections of the Lafitte Greenway.		

Firm		AECOM AECOM Technical Services, Inc.	
 William Fullilove, EI Civil Engineering Intern	Years of Relevant Experience with this Employer		2
	Years of Relevant Experience with Other Employer(s)		0
Degree(s)/Years/Specialization		BS/2022/Civil Engineering	
Active Registration Number/State/Expiration Date		EI.0035203/LA/03/31/2025	
Year Registered		2022	Discipline Civil Engineer
Contract Role(s)/Brief Description of Responsibilities		Road/Drainage Design Services. William is a Civil Engineering Intern with experience in technical development for transportation engineering projects. Tasks and project experience include roadway design, construction submittal reviews, design plan development, construction cost estimating, document control, and plan checking. William will be supporting the Project Manager and other team members to provide road design services under this contract.	
Experience Dates	Experience and qualifications relevant to the proposed contract.		
09/22 – Present	City of Baton Rouge/Parish of East Baton Rouge, Feasibility Study and Report/TEPR, College Drive, Baton Rouge, LA. Roadway Design/CADD Design. Project aims to provide access management, signalization and capacity improvements along College Dr. RFP includes a flyover exit ramp from I-10 westbound Ramp to College Drive. Assisted with collection of unit quantities and development of Microsoft PowerPoint slides.		
10/23 – 12/23	Jefferson Parish DPW, Saltwater Intrusion Emergency Project, Jefferson Parish, LA. Installation of temporary pipeline to pull freshwater from upstream of the Mississippi River to supply freshwater to Jefferson Parish and its citizens. The temporary lay flat pipeline is necessary if the saltwater were to reach existing intake areas. Assisted in field inspection work including quantifying and tracking equipment related to the project. Progress reports taken at intake areas, storage areas, and piping network.		
10/22 – 08/23	MDOT, US 49 – Orange Grove Blvd. to St. Charles St. Harrison County, MS. The US 49 Project consists of converting two median turn locations into directional left turns with a mill and overlay on the remaining six lanes of traffic. In addition to the road work, roadway drainage will be altered to collect the runoff from the new drainage patterns. Worked on design plan development and roadway design calculations for temporary traffic control.		
09/22 – Present	Coastal Protection and Restoration Authority (CPRA) of Louisiana, Maurepas Swamp Diversion, St. John the Baptist Parish, LA. Planning, engineering and design services for the reconstruction of US 61 and Airline Rd. The roads will be created in conjunction with the diversion channel to reintroduce sediment and freshwater into Lake Maurepas from the Mississippi River. Assisted on plan development, cost estimation, roadway design calculations, and plan checking.		
07/22 – 07/23	Coastal Protection and Restoration Authority (CPRA) of Louisiana, Mid-Barataria Sediment Diversion, Plaquemines Parish, LA. Planning, engineering and design services (\$1.5 Billion CMAR Project) for the creation of the Mid-Barataria Sediment Diversion Channel to strategically reintroduce sediment and freshwater inputs into the Barataria Basin. Worked on plan development, cost estimation, roadway design calculations, abutment design, and plan checking.		


 <div> Firm AECOM AECOM Technical Services, Inc. </div>			
Sreeni Bollu, PE Project Engineer, Drainage Design/Analysis		Years of Relevant Experience with this Employer	3
		Years of Relevant Experience with Other Employer(s)	18
Degree(s)/Years/Specialization		MS/2003/Civil Engineering	
Active Registration Number/State/Expiration Date		Professional Engineer 34330/Louisiana/March 31, 2025	
Year Registered		2009	Discipline Civil Engineer
Contract Role(s)/Brief Description of Responsibilities		Drainage Design Services. Sreeni is Civil Engineer with over 21 years of experience in all phases of project development from conceptual design to construction management. He is in charge of project management and the civil engineering personnel, including schedules, staff, budgets, technical review, and account management. He has provided professional consulting services to numerous public and private clients, serving as Project Manager or Project Engineer on roadway improvements, drainage studies, hydraulic models and designs, drainage improvements, levees, flood control projects, site developments, commercial & residential subdivisions, and construction management.	



Experience Dates	Experience and qualifications relevant to the proposed contract.
10/21-Present	Coastal Restoration and Protection Authority of the State of Louisiana, LA 23 Over Mid-Barataria Sediment Diversion, (SP No. BA-0153), Plaquemines Parish, LA: Project Engineer for the planning, engineering, and design services for the creation of the Mid-Barataria sediment diversion basin to strategically reintroduce sediment and freshwater inputs into the Barataria Basin. Mr. Bollu assisted with detour roadway alignment creation/selection, TTC planning, and roadway plan preparation.
10/22-Present	College Drive Enhancements, Perkins Rd to I-10, Baton Rouge, LA. AECOM was selected by East Baton Rouge Parish, through the MOVEBR Program, to provide engineering services on College Drive corridor. AECOM has developed plans to promote mobility and capacity along the College Drive Corridor. These plans include a Phase Construction approach to minimize impacts to the drivers while enhancing and creating capacity to the overall corridor. The conceptual plan contains 4 Phases of work, with two projects within each Phase. Phase 1, consist of two projects: College Drive Backage Road through Hobby Lobby and Concord Avenue West Extension. The existing Concord Avenue Road segment will be re-aligned to provide a more direct intersection on both the east and west side of College Drive. The realignment of Concord Avenue and the proposed Backage Road will require a review of the existing drainage patterns and an analysis of proposed drainage. Mr. Bollu assisted in the H&H calculations, design of the subsurface systems, inlets and preparation of the drainage report.
2012-2020	West Bank Hurricane Protection Levee (WBHPL), H&H Modeling, St. Charles Parish, LA. Lead Project Manager, performed investigation of the hydraulics of the combined canal system on the protected side of the proposed hurricane protection levee on the West Bank of St. Charles Parish. Model included major canal improvements with new drainage pump stations. HEC-HMS and HEC-RAS were used for the modeling software
10/21-Present	Louisiana Watershed Initiative (LWI), Statewide LA. Modeling and Data. Mr. Bollu facilitated as DPM the bi-weekly calls, any requested meetings, and generally moved the program modeling decisions forward. Assisted in the development of H & H modeling methodology and Design Storm Guidance. Project Evaluations- Mr. Bollu supported reviews of potential Round 1 and Round 2 projects, H & H analysis, made recommendations for design support. Survey-Mr. Bollu facilitated the development of the survey guidance at the request of the program, to specify the data collection and reporting requirements.
2020-2021	East Bank Drainage Improvements, St. Charles Parish, LA. Lead Hydraulic Engineer/Project Manager responsible for creating H&H models to evaluate flooding within the existing neighborhood, provide alternate solutions to alleviate flooding and develop a report with recommended solutions with cost estimates for 25yr and 100yr rainfall events for Montz: 1,635 acres drainage basin, Norco: 800 acres drainage basin, New Sarpy: 690 acres drainage basin, Ormond: 1,420 acres drainage basin.



Firm		FORTE & TABLADA Forte & Tablada, Inc.	
 Tyler Branch, PE Drainage Design	Years of Relevant Experience with this Employer		12
	Years of Relevant Experience with Other Employer(s)		0
Degree(s)/Years/Specialization	B.S./2012/Civil Engineering		
Active Registration Number/State/Expiration Date	41576/LA/09-30-2025		
Year Registered	2017	Discipline	Civil Engineering
Contract Role(s)/Brief Description of Responsibilities	Drainage Design. <i>Value Statement</i>		



Experience Dates	Experience and qualifications relevant to the proposed contract.
12/22-Present	H.005734 LA 447: Widening from I-12 to Joe May Rd., Livingston Parish, LA. Project Manager. Serving as the Project Manager for the preliminary plan design of ±3.0 mile, ±\$26 million road widening project which includes a bridge replacement over Taylor Bayou, relocations of Milton Ln. and Miller Rd., and roundabouts at O'Donovan Blvd. and Buddy Ellis Rd. in Walker, LA. All design elements will be designed to DOTD and federal standards.
10/21-Present	H.014675 Florida Boulevard Corridor Enhancement, East Baton Rouge Parish, LA. Project Engineer. Project Engineer for this MOVEBR Project. Project consists of design study that will provide recommendations to improve access for pedestrians and bicycles through sidewalk additions/upgrades, intersection and signal improvements, the addition of pedestrian signals, and transit stop improvements. This project will also incorporate recommendations from the DOTD EBR Pedestrian and Bicycle Road Safety Assessment and the DOTD Safety Study from N. Foster Dr. to Cloud Dr. and will coordinate with the Bus Rapid Transit (BRT) Improvement Project study.
08/17-12/21	H.013674 Benton Lane Improvements, Livingston Parish, LA. Lead Designer and Project Manager. Served as the lead designer and Project Manager for the LPA road preservation project in Denham Springs, LA (Livingston Parish), designing the alignments, profiles, geometrics, drainage etc. Served as the Project Engineer for the CE&I services, utilizing the federal/DOTD process.
01/16-01/21	H.013166 Whittington Road Bridge Replacements, Livingston Parish, LA. Lead Road Designer. Served as the lead road designer and performed the hydrologic and hydraulic analysis for the Off-System bridge replacement in Livingston Parish.
07/16-Present	H.013553 Pendarvis Lane Phase I, Livingston Parish, LA. Project Manager and Engineer of Record. Served as Project Manager and Engineer of Record for the Design and Project Engineer for the CE&I services for Pendarvis Lane Improvements, Phase I, an LPA road preservation project in Walker, LA (Livingston Parish). The project included ±0.78 miles of pavement rehabilitation, subsurface drainage, and replacing a major cross drain with double barrel 9x7 RCB's with non-standard headwall/wingwalls. While serving as the Project Engineer for CE&I services, all federal/DOTD process will be followed.
01/15-01/22	H.012308 Cook Road Extension and Design Study, Livingston Parish, LA. Road Designer. Served as a road designer for new and extended roadway and sidewalks and performed corridor modeling to determine the amount of required right-of-way for a proposed road extension in Livingston Parish. Performed the construction observation for the completed design.
08/22-Present	H.015102 Centerville Street Improvements, Livingston Parish, LA. Project Manager. Serving as the Project Manager for the ±0.94 mile Corridor Enhancement/Pedestrian Improvement Project in Denham Springs, LA, overseeing the design of pedestrian and bicycle facilities along both sides of the Centerville St. from River Rd. to N. Range Ave. and sidewalk improvements from N. Hummel Ave. to DS Junior High School, including crosswalk upgrades at the intersection of Centerville and Range/Hummel.

Firm		AECOM AECOM Technical Services, Inc.	
 Adeleigh Smith Road/Drainage Design	Years of Relevant Experience with this Employer		4
	Years of Relevant Experience with Other Employer(s)		4
Degree(s)/Years/Specialization	BS, Civil Engineering, Louisiana State University, 2020		
Active Registration Number/State/Expiration Date	Engineering Intern #34525		
Year Registered	2020	Discipline	Civil Engineering
Contract Role(s)/Brief Description of Responsibilities	Road/Drainage Design. Ms. Smith is a structural engineer intern who has mostly been involved with hydraulic concrete and steel structures such as floodwalls, floodgates, gantry crane platforms, electrical platforms, and steel piles. She has performed numerous construction project takeoffs for projects ranging from \$2B to \$60,000. She has helped develop project scopes, fee estimates, specifications, plan sets, and preliminary designs. She also has numerous field experience and was the engineer on site for six months for a roadway project where she gained project management experience and expertise. Past project involvement has been in the transportation department where she was an entry level engineer intern.		
Experience Dates	Experience and qualifications relevant to the proposed contract.		
06/20-Present	Coastal Protection and Restoration Authority, Mid Barataria Sediment Diversion Design. Project Engineer. Structural and civil specification writing. On QA/QC team for gantry crane platform, bulkhead support beams, and intake protection cell. Assisted with design of gantry crane storage platform. Project tasks were design calculations for revised gantry crane weight, girder design, and rebar design. Platform length was 100-ft, girder was 12-ft x 4-ft. Remodeled entire platform in SAP2000 and recalculated all loads. 130-ft x 18-in x 1½-in open end vertical and battered steel pipe pile analysis was also involved using SAP2000 and pile capacity curves. Crane rail stop design was also involved; gantry crane weight used was 1,297,500-lbs.		
07/23-Present	City of Cincinnati Storm Water Management Utility, Flood Gate Improvements. Project Engineer. Contributed to the 30% structural design progress for Gate 5, 7, 8, 9, and 11 as part of the alternative analysis phase. This initiative aims to modernize existing manual panel gates by transforming them into swing gates, vertical lift gates, and miter gates. Responsibilities encompassed calculations, utilization of AutoCAD for design implementation, cost estimation, as well as the development of drawings and specifications to ensure project alignment with regulatory standards and operational requirements.		
11/23-Present	City of Hoboken, Rebuild by Design Hudson River Coastal Defense – Resist Alignment. Project Engineer. Assisting with the review of all structural shop drawings. Assisting with answering structural related RFIs, specifically tension connectors.		
06/22-Present	Coastal Protection and Restoration Authority, West Shore Lake Pontchartrain Levee & Mississippi River Reintroduction to Maurepas Swamp. Project Engineer. Assisted with the preliminary design of different alternatives for the rearrangement of St. Bernard Highway and Judge Perez. The project occupies approximately 350-acres with a 3,500-linear-foot wharf within more than 1,000 acres of developable green-field property. Pile Alternative Analysis – Value engineering for various pile layouts, types, spacing, and soil properties. Included SAP modeling, pile capacity curves, AutoCAD drawings. Wharf Deck Design. Designing the 14" prestressed concrete deck with an 8" cast in place topping slab. Designing concrete barriers, crane rail stops, utility details in pile cap beams, pile tension connectors, and crane rail beam.		
10/22-Present	Port Manchac, Transload Improvements Phase IV. Civil Engineer. Project Engineer during construction. Reviewing contractor submittals and invoices, periodic observations to make sure contractor is following their scope, keeping client up to date with all field work, and organizing progress meetings. Maintaining and keeping track of project budget.		



Firm		AECOM AECOM Technical Services, Inc.	
 Avery Prevot, EI Civil Engineering Intern	Years of Relevant Experience with this Employer		1
	Years of Relevant Experience with Other Employer(s)		0
Degree(s)/Years/Specialization		Bachelor of Science in Civil Engineering	
Active Registration Number/State/Expiration Date		EI.0035523/LA/03/31/26	
Year Registered		2023	Discipline N/A
Contract Role(s)/Brief Description of Responsibilities		Road/Drainage Design Services. Avery is a Civil Engineering Intern with experience in technical development for transportation engineering projects. Tasks and project experience include roadway design, design plan development, construction cost estimating, document control, and plan checking. Avery will be supporting the Project Manager and the other team members to provide road design services under this contract.	
Experience Dates		Experience and qualifications relevant to the proposed contract.	
08/23 – 07/24		City of Baton Rouge/Parish of East Baton Rouge, College Drive Improvements (Perkins Road to Bawell), Baton Rouge, LA. This project is to provide access management, signalization, and capacity improvements along College Dr. This project will also improve access for pedestrians through signal improvements, sidewalk connections, and transit stop improvements. Personal involvement in this project has included production and detailing of the title sheet, plan and profile sheets, typical sections, geometric layout sheets, and striping plans.	
02/24 – 03/24		City of New Orleans DPW, Lafitte Greenway, New Orleans, LA. The Lafitte Greenway is 2.6 mile linear park and multi-use trail in the heart of New Orleans, LA. It serves as a premier bicycle and pedestrian pathway, connecting neighborhoods from the French Quarter to City Park. Work included, adding bollards to entry points along the Greenway, path work of the multiuse pathways, and mill and overlay of roadways to provide enhanced connections points from the Greenway to road segments. Personal involvement in this project has included assisting in the design support for sections of the Lafitte Greenway.	

 Marrero, Couvillon & Associates, LLC		
 Christian Schade, PE Sr. Electrical Engineer	Years of Relevant Experience with this Employer	6
	Years of Relevant Experience with Other Employer(s)	24
Degree(s)/Years/Specialization	Bachelor of Science/1993/Electrical Engineering	
Active Registration Number/State/Expiration Date	LA License No. 32483 Expiration Date 9/30/2024	
Year Registered	2006	Discipline Electrical Engineer – Electrical Engineering Design
Contract Role(s)/Brief Description of Responsibilities	Roadway Lighting Services. <i>Christian's areas of expertise include electrical engineering, power distribution, power generation, lighting, specification writing and contract administration. His experience includes Power system analysis, consisting of load flow, fault, arc flash and coordination studies using SKM Power Tools for Windows and ETAP. Proficient with incident energy level method of Arc Flash calculations per NFPA 70E, 2015 version. Electrical design support for small to medium size projects in industrial facilities, including installation of new pumps, agitators, metering equipment, lighting, and power distribution centers.</i>	
Experience Dates	Experience and qualifications relevant to the proposed contract.	
07/17 – 11/20	LADOTD, I-10 and 73 Widening – Design Build. Sr. Electrical Engineer. Provided electrical engineering and design for lighting on the I-10 Widening from Highland to LA 30 design-build project.	
04/18 – 02/20	Port of New Orleans, France Road – North, Roadway and Drainage Improvements, New Orleans, LA. Sr. Electrical Engineer. MCA provided the electrical and mechanical engineering services for the roadway, lighting, and drainage improvements.	
11/16 – 6/17	Louis Armstrong New Orleans Airport International Airport Pavement Remediation at Eastern Side of Runway 11-29, Kenner, LA. City of New Orleans. Sr. Electrical Engineer. Electrical design services for Pavement Remediation of sag in existing runway pavement on the eastern side of Runway 11-29 near Taxiway Alpha at the airport.	
04/18 – 02/19	Howard Avenue Extension (Loyola Avenue to LaSalle Street) New Orleans, LA. City of New Orleans. Sr. Electrical Engineer. Marrero, Couvillon & Associates is responsible for the Electrical Services for the Howard Avenue Extension. Work includes revising roadway lighting from high pressure sodium lights to LED lights per new City of New Orleans Standards. Revisions include changing light fixtures, downsizing electrical conductors and revising drawings including bill of materials. Performing lighting calculations and following illumination guidelines per the latest IES roadway lighting recommended practices issued in 2014.	
01/20-06/20	Bluebonnet Blvd. (Picardy to Highland) Roadway Lighting, Baton Rouge. City/Parish of East Baton Rouge, LA. Sr. Electrical Engineer. The scope of work includes additional lane capacity in each direction. Bluebonnet Blvd is two lanes in each direction currently. Pedestrian facilities are interspersed throughout the corridor and there is commercial development abutting the corridor. The project is to add an additional travel lane in each direction and provide for connected pedestrian facilities throughout the corridor. MCA is responsible for all activities necessary to complete a lighting plan and a photometric analysis report that contains illumination analysis of all roadways and/or interchanges within the project limits and conform to illumination criteria specified in the design guidelines are included in this scope.	
09/23-Present	LADOTD, I-20 Widening, Wells to LA34 Electrical and Lighting Design, Baton Rouge. LA. Sr. Electrical Engineer. The scope of work is to provide additional traffic capacity in each direction. This was accomplished primarily by increasing the entrance/exit ramps. MCA provided design services to analyze the existing conditions of the roadway lighting, which consisted of high pressure sodium fixtures on low mast poles, and provide modifications to the existing lighting systems as necessary to accommodate the changes in roadway geometry. This includes upgrading the existing fixtures to LED, re-position select poles, and upgrading the secondary controllers to current standards.	


 Marrero, Couvillon & Associates, LLC		
 M. Kimball Schlafly, PE Sr. Electrical Engineer	Years of Relevant Experience with this Employer	5
	Years of Relevant Experience with Other Employer(s)	36
Degree(s)/Years/Specialization	Bachelor of Science/1988/Electrical Engineering	
Active Registration Number/State/Expiration Date	LA License No. 27699 Expiration Date 9/30/2024	
Year Registered	1993	Discipline PE (Electrical Engineering)
Contract Role(s)/Brief Description of Responsibilities	Roadway Lighting Services. Kimball has over 35 years of engineering experience in electrical engineering, project engineering and project management. He has been responsible for various projects requiring design of lighting, low and medium voltage power distribution, standby and emergency power systems, telecommunications, fire alarm, access control, video surveillance, and theatrical audio/visual and lighting systems.	
Experience Dates	Experience and qualifications relevant to the proposed contract.	
07/17 – 11/20	LADOTD, I-10 and 73 Widening – Design Build. Sr. Electrical Engineer. Provided electrical engineering and design for lighting on the I-10 Widening from Highland to LA 30 design-build project.	
04/18 – 02/19	Howard Avenue Extension (Loyola Avenue to LaSalle Street) New Orleans, LA. City of New Orleans. Sr. Electrical Engineer. Marrero, Couvillon & Associates is responsible for the Electrical Services for the Howard Avenue Extension. Work includes revising roadway lighting from high pressure sodium lights to LED lights per new City of New Orleans Standards. Revisions include changing light fixtures, downsizing electrical conductors and revising drawings including bill of materials. Performing lighting calculations and following illumination guidelines per the latest IES roadway lighting recommended practices issued in 2014.	
01/20-06/20	Bluebonnet Blvd. (Picardy to Highland) Roadway Lighting, Baton Rouge. City/Parish of East Baton Rouge, LA. Sr. Electrical Engineer. The scope of work includes additional lane capacity in each direction. Bluebonnet Blvd is two lanes in each direction currently. Pedestrian facilities are interspersed throughout the corridor and there is commercial development abutting the corridor. The project is to add an additional travel lane in each direction and provide for connected pedestrian facilities throughout the corridor. MCA is responsible for all activities necessary to complete a lighting plan and a photometric analysis report that contains illumination analysis of all roadways and/or interchanges within the project limits and conform to illumination criteria specified in the design guidelines are included in this scope.	
09/23-Present	LADOTD, I-20 Widening, Wells to LA34 Electrical and Lighting Design, Baton Rouge. LA. Sr. Electrical Engineer. The scope of work is to provide additional traffic capacity in each direction. This was accomplished primarily by increasing the entrance/exit ramps. MCA provided design services to analyze the existing conditions of the roadway lighting, which consisted of high pressure sodium fixtures on low mast poles, and provide modifications to the existing lighting systems as necessary to accommodate the changes in roadway geometry. This includes upgrading the existing fixtures to LED, re-position select poles, and upgrading the secondary controllers to current standards.	
09/23 - Present	LADOTD, I-10 and Pecue Lane - Lighting design, Baton Rouge. LA. Sr. Electrical Engineer. Currently, there is no access to I-10 from Pecue Lane and the existing Pecue Lane consists of 2 traffic lanes. The existing overpass will be removed and replaced with two overpass structures, with 3 lanes in each direction. Pecue Lane will be reconstructed to a curb and gutter section, with a raised median and 3 lanes in each direction. South of I-10 there will be two bridge structures for Pecue to cross Ward's Creek. Cost: \$36M	



Firm		 Terracon Consultants, Inc. (Terracon)		
	Matthew Minton Geotechnical Laboratory Manager		Years of Relevant Experience with this Employer	23
			Years of Relevant Experience with Other Employer(s)	0
Degree(s)/Years/Specialization		Bachelor of Science/Industrial Technology/Southeastern Louisiana University/2001		
Active Registration Number/State/Expiration Date		NA		
Year Registered		NA	Discipline	NA
Contract Role(s)/Brief Description of Responsibilities		Geotechnical Services. Matt has 21 years of experience in laboratory testing and construction QA/QC testing for geotechnical projects, civil construction, and landfill construction. He currently serves as the Laboratory Manager of Terracon's Baton Rouge full-service geotechnical and construction materials laboratory. Matt has worked diligently to implement a complete QA process for all the laboratory tests conducted in our laboratory. Under his supervision, the Baton Rouge laboratory has maintained its LDEQ LELAP, USACE, and AASHTO (AMRL and CCRL) certifications.		

Experience Dates	Experience and qualifications relevant to the proposed contract.
12/20 - Present	LADOTD, IDIQ Contracts for Professional Geotechnical Services Statewide Contract No. 4400019014, Statewide, LA. Lab Manager. Serves as lab manager for projects under this contract.
07/21 - 12/21	LADOTD, I-10 Lake Charles, H.003931, Lake Charles, LA. Lab Manager. Served as lab manager on this project.
06/20 - 01/21	LADOTD, LA-1 and LA-415 Connector, H.005121, Port Allen, LA. Lab Manager. Served as lab manager on this project.
06/19 - 01/20	LADOTD, I-10- Widening East Baton Rouge Parish, H.004100, Baton Rouge, LA. Lab Manager. Served as lab manager on this project.
07/18 - 11/18	LADOTD, I-49 South @ Verot School Road US 90, H.011235.5, Lafayette, LA. Lab Manager. Served as lab manager on this project.
06/18 - 08/18	LADOTD, Nelson Rd. Extension and Bridges, H.005967.5, Calcasieu Parish, LA. Lab Manager. Served as lab manager on this project.
06/17 - 02/18	LADOTD, I-10 Overpass US 165 & MPRR, Project, H.002980.5, Iowa, LA. Lab Manager. Served as lab manager on this project.
09/17 - 11/17	LADOTD, US 165/I-10 Project; Iowa, LA. Lab Manager. Served as lab manager on this project.
03/17 - 04/17	LADOTD, LA 124: Hooter Creek Bridge, H.001140, Jena, LA. Lab Manager. Served as lab manager on this project.
01/17 - 03/17	LADOTD, Bayou Flagon Bridges, H009233, Ball, LA. Lab Manager. Served as lab manager on this project.
09/14 - 08/15	LADOTD, Highway 167 Widening. Lab Manager. Served as lab manager on this project.
11/10 - 11/11	Volkert, LADOTD, LA 1/Interstate 10 Connector - 30% Design, Port Allen, LA. Lab Manager. Served as lab manager on this project.
05/08 - 03/09	LADOTD, I-12 Widening - East Baton Rouge and Livingston Parishes, LA. Lab Manager. Served as lab manager on this project.
11/04 - 07/12	LADOTD, Off-System Bridges throughout LA. Lab Manager. Served as lab manager on this project.



		Firm  Terracon Consultants, Inc. (Terracon)	
Brian Alexander Geotechnical Laboratory Manager		Years of Relevant Experience with this Employer	20
		Years of Relevant Experience with Other Employer(s)	0
Degree(s)/Years/Specialization	Master of Science/Physical Therapy/University of St. Augustine/1999 Bachelor of Science/Biological Science/Southeastern Louisiana University/1994		
Active Registration Number/State/Expiration Date	NA		
Year Registered	NA	Discipline	NA
Contract Role(s)/Brief Description of Responsibilities	Geotechnical Services. <i>With 20 years of experience in field exploration, Brian manages the geotechnical drilling operations for Louisiana and Mississippi. He has worked extensively on commercial, industrial, DOTD, and institutional projects. These assignments have provided him extensive experience in Shelby Tube and Split Spoon sampling, Macro-core, Geoprobe and Electronic Cone Penetrometer Testing (CPT), and mud rotary drilling. He coordinates logistics/scheduling of projects between the six offices in both states and assists neighboring states in project coordination when it is needed. His approach to increased field safety has earned him safety awards at the division and national levels.</i>		

Experience Dates	Experience and qualifications relevant to the proposed contract.
12/20 - Present	LADOTD, IDIQ Contracts for Professional Geotechnical Services Statewide Contract No. 4400019014, Statewide, LA. Supervising drilling operations for projects under this contract.
01/22- 01/22	LADOTD, Cross Bayou and Caney Bayou Bridges, H.012033, Ouachita Parish, LA. Supervised drill crews for this project.
01/22 – 01/22	LADOTD, LA 308, Canal Bridges Near Larose, H. 002794.5, Larose, LA. Supervised drill crews for this project.
07/21 – 10/21	LADOTD, I-10 Lake Charles, H.003931, Lake Charles, LA. Supervised drill crews during field exploration.
05/20 – 01/21	LADOTD, LA-1 and LA-415 Connector, H.005121, Port Allen, LA. Supervised drill crews for this project.
10/18 – 07/19	LADOTD, US 90 (I-49 South) Design Build, H.010620, Lafayette Parish, LA. C.H. Fenstermaker. Supervised drill crews and worked in the field as a logger on several of these projects.
06/19 – 11/19	LADOTD, I-10- Widening East Baton Rouge Parish, H.004100, Baton Rouge, LA. Supervised drill crews and worked in the field as a logger.
07/18 – 10/18	LADOTD, I-49 South @ Verot School Road US 90, H.011235.5, Lafayette, LA. Supervised drill crews.
05/18 – 06/18	LADOTD, Nelson Rd. Extension and Bridges, H.005967.5, Calcasieu Parish, LA. Supervised drill crews and worked in field as a logger for water borings.
05/17 – 08/17	LADOTD, I-10 Overpass US 165 & MPRR, H.002980.5, Iowa, LA. Served as field supervisor for this project.
09/14 – 08/15	LADOTD, Highway 167 Widening, LA. Supervised drill crews and worked in the field as a logger on several of these projects.
11/04 – 07/12	LADOTD, Off-System Bridges throughout LA. Supervised drill crews and worked in the field as a logger on several of these projects
11/10 – 11/11	LADOTD, LA 1/Interstate 10 Connector, Port Allen, LA. Supervised drill crews.
05/08 – 03/09	LADOTD, I-12 Widening – East Baton Rouge and Livingston Parishes, LA. Served as field supervisor for this contract.




Firm		AECOM AECOM Technical Services, Inc.	
 Peter Bakit, PhD, PE, PTOE Traffic Engineer	Years of Relevant Experience with this Employer		2
	Years of Relevant Experience with Other Employer(s)		4
Degree(s)/Years/Specialization	PhD/2018/Civil Engineering, Louisiana State University MS/2015/Civil Engineering, Cairo University BS/2012/Civil Engineering, Cairo University		
Active Registration Number/State/ Expiration Date	PE.143705/TX/Exp. 12/2024 PTOE 5713/Exp. 07/09/2027 ATSSA Traffic Control Supervisor Refresher–LA State Specific (2025) ATSSA Traffic Control Technician Refresher–LA State Specific (2025)		
Year Registered	2020	Discipline	Civil Engineer
Contract Role(s)/Brief Description of Responsibilities	Safety. <i>Peter is a professional engineer with more than six years of experience focusing on the transportation industry. Over the course of his academic career, he has served as a Graduate Research Assistant in the department of Civil Engineering at Louisiana State University. Peter has experience working on projects for Louisiana Department of Transportation and Development (LADOTD) pertaining to traffic and safety studies, feasibility studies, permanent signing design, signal design, and NEPA studies. His software skills include: Synchro, Vissim, VISTRO, ArcGIS, FREEVAL, MATLAB, R Studio, SPSS, MicroStation and HCS. Peter is also a member of ASCE and ITE organizations.</i>		
Experience Dates	Experience and qualifications relevant to the proposed contract.		
04/19 –Present	LADOTD, Pete's Highway Interchange Alternatives and Environmental Assessment, Denham Springs, LA. Traffic Engineer. Responsible for traffic and safety analysis to develop improvement alternatives with the goal of enhancing mobility and safety. Main tasks included traffic data collection, warrant analysis, traffic modeling, safety analysis and development of conceptual layouts.		
04/18 – 05/19	LADOTD, Freeval Lane Closure Analysis: Major Metropolitan Areas, Baton Rouge, LA. Responsible for developing and calibrating the FREEVAL models for multiple freeway corridors in New Orleans, and Baton Rouge. This project aimed to provide a tool to analyze different lane closure scenarios for the interstate freeways in major metropolitan areas of Louisiana to improve safety at workzones.		
06/19 – 12/19	LADOTD, US 61 Corridor Study (Airline Hwy), Baton Rouge, LA. Traffic Analyst. Responsible for the corridor safety analysis. The purpose of the study is to assess traffic operations and potential safety improvements for this urban, 4-lane divided highway. Scope of services include existing traffic data collection and analyses, safety data analyses, future traffic projections considering corridor growth rates, assessment of access management improvements (implementing "Superstreet" concept), and evaluation of concept using HCM methodologies.		
07/13 – 12/15	LADOTD, Development of an Optimal Ramp Metering Control Strategy For I-12, Baton Rouge, LA. Responsible for developing different traffic Vissim models with various ramp metering plans. The purpose of the study is to evaluate different ramp metering strategies to identify the optimal algorithm that can improve traffic operations on I-12.		
04/18 – 02/20	LADOTD, I-10 (LA 73 TO LA 429) Ascension Parish IMR & IJR Study, Ascension Parish, LA. Transportation Engineer. Providing technical support for various tasks including data collection, development of build alternatives through a tiered analysis, and conceptual drawings of critical roadway geometry. The purpose of the project is to evaluate improvements to an existing interchange and configuration of two new interchanges along I-10 in Ascension Parish.		
11/20 -Present	LADOTD, I-10 CMAR, East Baton Rouge Parish, LA. Traffic Engineer. Responsible for wide range of traffic engineering tasks including development of permanent signing plans, Interchange Modification Reports, and Transportation Management Plans for the widening of Interstate-10 from LA 415 to Essen Lane and improvements to interchanges along this segment.		
02/21 – 01/22	Lee Drive (From Highland Road to Perkins Road) Corridor Study, East Baton Rouge Parish, LA. Traffic Engineer. Responsible for multiple tasks including but not limited to crash analysis, data collection & processing, existing and no-build analysis, alternatives analysis among many others.		
09/22 - Present	I-820 Schematics & Environmental, TxDOT, Fort Worth, TX. Traffic Engineer. Responsible for existing safety analysis, data collection and processing, traffic modeling, development of alternative analysis, and predictive safety analysis.		

		Firm  Vectura Consulting Services, LLC (Vectura)	
Laurence Lambert, II, PE, PTOE, PTP Supervisor Engineer		Years of Relevant Experience with this Employer	9
		Years of Relevant Experience with Other Employer(s)	18
Degree(s)/Years/Specialization	B.S./1997/Civil Engr. M.S./2006/Civil Engr. (Transportation focus) M.B.A./2010		
Active Registration Number/State/Expiration Date	PE.0029901/LA/3/31/2026 PTOE 1303/Exp. 02/2025		
Year Registered	2001	Discipline	Civil
Contract Role(s)/Brief Description of Responsibilities	TMP. Laurence will act as the Data Collection and Traffic Management Plan Supervisor		



Experience Dates	Experience and qualifications relevant to the proposed contract.
07/19 – Present	MOVEBR New Capacity Projects Program Management, Baton Rouge, LA. At the beginning of the program, Laurence worked with the Capital Region Planning Commission to produce measures of effectiveness from the travel demand model to prioritize the MOVEBR project list. Laurence and Pong Wu developed a list of vehicle miles traveled, V/C ratios and vehicles hours of delay. Laurence also provided peer review for the traffic studies for Ben Hur Road and Lee Drive.
07/23 – 11/23	LADOTD, CCC Decorative Lighting Level 4 TMP, H.015504.5, New Orleans, LA. Laurence was the project manager for a Level 4 Traffic Management Plan (TMP) for the Crescent City Connection (CCC). Laurence oversaw the lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots". The results were summarized in a report that was reviewed by DOTD.
04/23 – 10/23	LADOTD, I-12: US 61 Bridges Girder Repairs, H.014591.5, Baton Rouge, LA. Laurence was the project manager for a Level 2 TMP for the interchange of I-12 at US 61. Laurence performed QA/QC for a lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots" where Laurence also performed QA/PC. The results were summarized in a report that was reviewed by DOTD.
04/18 – 12/21	LADOTD, LA 30 Roundabouts at Tanger & I-10 Gonzales, H.010960.5, Ascension, LA. Laurence provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.
04/18 – 12/21	LADOTD, 4 Roundabout: US 171 at Boone St., H.011909.5, Vernon Parish, LA. Laurence provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.
02/20 – 09/21	City of Baton Rouge/Parish of East Baton Rouge, College Drive Corridor Enhancement from Perkins Road to I-10, Baton Rouge, LA. Laurence was the project manager to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Data Collection) for proposed improvements College Drive. Since the I-10 interchange was included in the study, approval from DOTD was required. Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations, verification of Traffic Signal Inventories, and bicycle/pedestrian/transit observations.



 <div> Firm <div>  <div> VECTURA CONSULTING SERVICES, LLC </div> </div> Vectura Consulting Services, LLC (Vectura) </div>			
Sheelagh "Brin" Ferlito, II, PE, PTOE Supervisor Engineer		Years of Relevant Experience with this Employer	9
		Years of Relevant Experience with Other Employer(s)	27
Degree(s)/Years/Specialization		B.S./1988/Civil Engineer	
Active Registration Number/State/Expiration Date		PE. 0025383/LA 09/30/2025	
Year Registered		1993	Discipline Civil
Contract Role(s)/Brief Description of Responsibilities		Traffic Signal Design. <i>Brin will handle traffic signal design.</i>	


Experience Dates	Experience and qualifications relevant to the proposed contract.
07/21 - Present	LADOTA, EBR Computerized Traffic Signal, Phase VB, H.007160, Baton Rouge, LA <i>Task Leader</i> for Vectura for the Construction Engineering and Inspection of 24 traffic signals. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
07/19 – Present	MOVEBR New Capacity Projects Program Management, Baton Rouge, LA <i>Lead Traffic Engineer</i> for entire the New Capacity Projects program management team. All traffic engineering scope of services, traffic/speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin. She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects.
07/19 – Present	LADOTD, Belle Chasse Bridge & Tunnel Replacement PPP, H.004791, Belle Chasse, LA <i>Project Manager</i> for the temporary and permanent traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by DOTD.
09/20 – 12/21	LADOTD, LA 30 Roundabouts at Tanger I-10, H.010960.5, Ascension Parish, LA <i>Project Manager</i> for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.
07/18 – 04/19	LA 1 Pedestrian Crosswalk Study and Traffic/Pedestrian Signal Design West Baton Rouge Parish, Addis, LA Brin developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17-04/18	US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic/Pedestrian Signal Equipment Design Slidell, LA Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.

 <div> Firm <div>  <div> VECTURA CONSULTING SERVICES, LLC </div> </div> Vectura Consulting Services, LLC (Vectura) </div>		
 <div> Reece Rodrigue, PE, PTOE, RSP₁ Project Engineer </div>	Years of Relevant Experience with this Employer	4
	Years of Relevant Experience with Other Employer(s)	7
Degree(s)/Years/Specialization	B.S./2013/Civil Engr.	
Active Registration Number/State/Expiration Date	PE.0042074/LA/3/31/2026	
Year Registered	2017	Discipline Civil
Contract Role(s)/Brief Description of Responsibilities	Traffic Signal Design. <i>Project Engineer for signal and ITS design/inspection</i>	


Experience Dates	Experience and qualifications relevant to the proposed contract.
04/21 - Present	MOVEBR Direct Select for Traffic Signal Design, Baton Rouge, LA Reece is a project engineer for the design of traffic signal upgrades at 10 intersections. This project included a traffic design report, preliminary and final plans for traffic signals that included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. The design also included traffic signal synchronization signal timing and pedestrian signal timing.
06/23 - Present	LADOTA, Connected & Autonomous Vehicles (C/AV) Team and Working Group Support, H.012845.1 Reece is a member of the team to develop new policies and legislation related to C/AV.
06/23 - Present	LADOTD, Monroe Phase 3 SEA, H.011507.1 Reece visited the project site to document the controller type and detection needs at each signalized intersection within the right-of-way.
07/21 - Present	LADOTD, EBR Computerized Traffic Signal, Phase VB, H.007160, Baton Rouge, LA Reece is part of the team responsible for Construction Engineering and Inspection. Reece has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
01/23 – 02/24	LADOTD, Alexandria ITS Phase 2, H.007160 Reece was the project engineer for a site visit, System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan.
06/22 – 02/23	LADOTD, ITS Fiber Management System Data Collection, H.012381.5 Reece performed the field observations for 40 sites to verify the ITS FMS and inventory services.
04/20 - Present	LADOTD, Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project, H.004791, Belle Chasse, LA Reece is responsible for designing the temporary traffic signal for the intersection of LA 23 at Engineers Rd. for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the Traffic Management Plan that was also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for producing the permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated stop bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction.

 <div> Firm <div>  VECTURA CONSULTING SERVICES, LLC </div> Vectura Consulting Services, LLC (Vectura) </div>			
<div> <div> Bridget Robincheaux, PE Project Engineer </div> <div> Years of Relevant Experience with this Employer 6 </div> </div>			
<div> <div> Years of Relevant Experience with Other Employer(s) 9 </div> </div>			
Degree(s)/Years/Specialization	B.S./2007/Civil Engineering M.S./2014/Civil Engineering (Transportation focus)		
Active Registration Number/State/Expiration Date	PE.0041272/LA/3/31/2025		
Year Registered	2016	Discipline	Civil
Contract Role(s)/Brief Description of Responsibilities	Traffic Signal Design. <i>Project Engineer for Traffic Control Design, Signal CE&I and TMP</i>		
Experience Dates	Experience and qualifications relevant to the proposed contract.		
07/21 – Present	LADOTD, EBR Computerized Traffic Signal, Phase VB, H.007160, Baton Rouge, LA Bridget has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Bridget also reviewed the traffic signal supports and documented all of her comments in a quality control tracker spreadsheet.		
06/21 - 06/21	Bus Rapid Transit (BRT) Improvement Project, CP No. 16 CI-US-0032, Baton Rouge, LA Bridget assisted with the traffic signal design of 13 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street).		
03/21 - 07/22	LADOTD, EBR Computerized Traffic Signal, Phase VB, H.007160, Baton Rouge, LA Bridget is part of the team responsible for Construction Engineering and Inspection. Bridget has reviewed the signal mast arm shop drawings (checking pole quantities and markups) to assist the City-Parish of Baton Rouge in accepting the manufactured poles.		
04/20 - 07/20	LADOTD, Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project, H.004791, Belle Chasse, LA Bridget assisted the project engineer who designed the temporary traffic signal for the intersection of LA 23 at Engineers Rd by pulling crash data along LA 23, reviewing and summarizing crash reports, and performing CATScan analysis.		
04/19 - 01/20	Traffic Studies for Broussard Middle School and Billeaud Elementary School, Lafayette Parish, LA Bridget was the project engineer for developing a Traffic Study for two school entrances in Broussard, LA. Her project tasks		
07/19 – Present	MOVEBR New Capacity Projects Program Management, Baton Rouge, LA Bridget assists Brin on a daily basis for the entire New Capacity Projects program management team. Bridget has performed multiple reviews of traffic studies and traffic signal designs. This includes reviewing raw data, unmet demand, volume maps, existing and build analyses, and safety analyses for accuracy and consistency throughout the report. She provides comments in a spreadsheet known as the Comment Tracker. All comments are posted in the Comment Tracker so that all parties are aware. Many of these projects are located on state routes and require approval by the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects. Using methods outlined in NCHRP 765, Bridget helped to develop design year volumes for the Jones Creek (Airline to Jefferson) MOVEBR project. She has developed Turn Lane tech memos for the MOVEBR Old Hammond Highway Segments 1A and two projects and for the MOVEBR Highland at Siegen project.		

 <div> Firm <div>  <div> VECTURA CONSULTING SERVICES, LLC </div> </div> Vectura Consulting Services, LLC (Vectura) </div>			
Kristen Farrington, PE, PTOE, RSP₁ Project Engineer		Years of Relevant Experience with this Employer	2
		Years of Relevant Experience with Other Employer(s)	7
Degree(s)/Years/Specialization	B.S./2013/Civil Engr.		
Active Registration Number/State/Expiration Date	PE.0042074/LA/3/31/2025		
Year Registered	2018	Discipline	Civil
Contract Role(s)/Brief Description of Responsibilities	Traffic Signal Design. <i>Project Engineer for signal and ITS design/inspection</i>		
Experience Dates	Experience and qualifications relevant to the proposed contract.		
04/21 – 04/24	Bus Rapid Transit (BRT) Improvement Project, CP No. 16 CI-US-0032, Baton Rouge, LA Kristen a project engineer for a traffic design study and traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Kristen assisted the prime consultant with the safety analysis as well.		
07/23 – 01/24	LADOTD, CCC Decorative Lighting Level 4 TMP, H.015504.5, New Orleans, LA Kristen was the lead traffic engineer for a Level 4 Traffic Management Plan (TMP) for the Crescent City Connection (CCC). Kristen performed a lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots". The results were summarized in a report that was reviewed by DOTD.		
04/23 – 10/23	LADOTD, US 61 Bridges Girder Repairs, H.014591.5 I-12, Baton Rouge, LA Kristen was the lead traffic engineer for a Level 2 TMP for the interchange of I-12 at US 61. Kristen performed a lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots". The results were summarized in a report that was reviewed by DOTD.		
08/21 – 04/22	LADOTD, Downtown to Scotlandville Parkway Trail Safety Enhancement Study, H.013267, Baton Rouge, LA Kristen was a project engineer for a design study to evaluate the recommended street crossing treatments of the trail at eight locations. The project consisted of collecting vehicular speed and volume data at the proposed trail crossings. Geometric field checks were also performed to determine if any hazards to pedestrians or cyclists existed. Once the field data was collected and analyzed, appropriate crossing treatments utilizing the FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations were developed that included Rectangular Rapid-Flashing Beacons (RRFB) and Pedestrian Hybrid Beacons (PHB's). Currently, Vectura is developing plans for the PHB's at four locations which will be the first implementation of PHB's in the Baton Rouge area.		
02/20 – 09/21	MOVEBR College Drive Enhancement Project, Baton Rouge, LA Kristen assisted with the data collection task of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian/bicycle counts, and weaving counts.		
6/19 - 2/21	LADOTD, US 167 Improvements Stage 0 Elsie Street to Gilbert Street, H.013459, St. Landry Parish, LA Kristen served as project manager for a Stage 0 study to evaluate the addition of a third lane to US 167 from Elsie Street south to a point past Gilbert Drive. Environmental impacts and cost estimates were prepared, as well as a benefit-cost analysis of all improvements considered. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis. Designed high-level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes.		

Firm		AECOM AECOM Technical Services, Inc.	
	Myles Martin, EI Structural Engineer I, EIT	Years of Relevant Experience with this Employer	2
		Years of Relevant Experience with Other Employer(s)	0
Degree(s)/Years/Specialization	BS/2022/Civil Engineering		
Active Registration Number/State/ Expiration Date	99471/LA/03.31.2025 EI.35305/LA/03/31/25		
Year Registered	2022	Discipline	Civil Engineer
Contract Role(s)/Brief Description of Responsibilities	Bridge Design Services. Myles is a Civil Engineering Intern with experience in technical development for transportation engineering projects. Tasks and project experience include bridge design, design plan development, construction cost estimating, document control, and plan checking. Myles will be supporting the Project Manager and the other team members to provide bridge design services under this contract (if required).		

Experience Dates	Experience and qualifications relevant to the proposed contract.
7/01 - Present	LADOTD Bridge Load Rating IDIQ, 60704483, Statewide, LA, EIT tasked with performing load rating on the substructure components of multiple bridges across the state using BRR software and an AECOM proprietary tool.
08/22 - Present	TxDOT, Oak Hill Parkway, San Antonio, TX, Performed construction support activities and quality support/quality assurance tasks for multiple bridge structures throughout project
08/23 - Present	TxDOT, I-820 Southeast Connector Project, Dallas, TX, Performed construction support activities and quality support/quality assurance tasks for multiple bridge structures throughout project
09/23 - Present	LADOTD, LA-10 Bayou Carron Bridge Project, No. H.011993, Opelousas, LA. EIT responsible for taking project to 100% final design.
07/23 - Present	TxDOT, I-635 LBJ East Design Build Project, Dallas, TX, Performed construction support activities and quality support/quality assurance tasks for multiple bridge structures throughout project
06/23 -08/23	E. ST. Bernard Parish, Louisiana International Terminal, New Orleans, LA, EIT responsible for the development of 30% preliminary plans for the St. Bernard and Judge Perez bridge general plan and layout sheets.
04/23 - 07/23	El Paso County, South Academy Blvd over BNSF Rehabilitation, Colorado Springs, CO, Provided engineering support for the 90% submittal for South Academy Boulevard project in drawings and detailing of the soundwall standard details and calculations involving the soundwall data summary.
11/22 - 12/22	Kansas City Southern Railway, North/South Jefferson Retaining Wall, Pittsburg, KS, EIT responsible for the 90% submittal of the preliminary plans of the North and South Jefferson retaining walls. Performed calculations of structural quantities, conceptual cost estimates, generating profile in InRoads and providing the CAD drawings of the retaining walls plan & elevation sheets, typical sections and general notes sheets.
09/22-12/22	Pennington County, West Rivers, Rapid City, SD, EIT responsible for the 60% and 90% submittal of the north and south approach slab details which were part of the overall box culvert road structure plans. Performed calculations of structural quantities, conceptual cost estimates and providing the CAD drawings of the north and south approach plan sheets, approach section details and handrail section details.

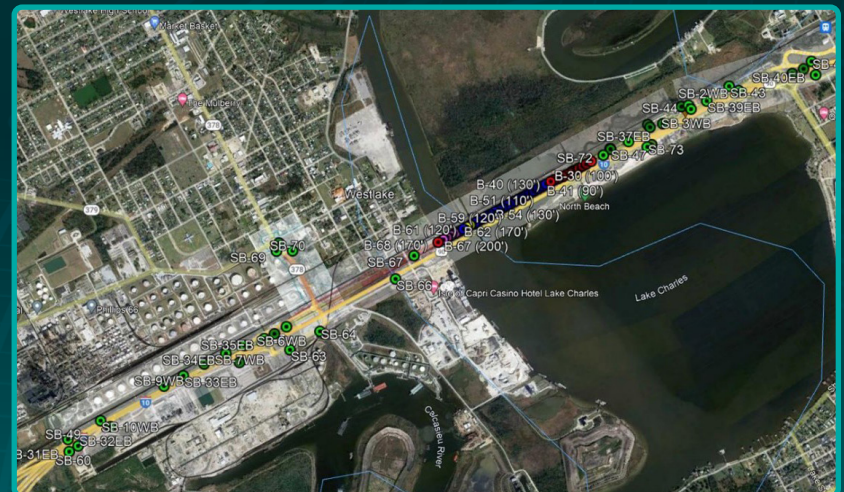
Firm		AECOM AECOM Technical Services, Inc.	
 Josh Guitreau, EI Structural Engineer I, EIT	Years of Relevant Experience with this Employer		2
	Years of Relevant Experience with Other Employer(s)		0
Degree(s)/Years/Specialization		BS/2022/Civil Engineering	
Active Registration Number/State/Expiration Date		EI.0035162/LA/9.30.24	
Year Registered		2022	Discipline Engineer Intern
Contract Role(s)/Brief Description of Responsibilities		Bridge Design Services. Josh is a Civil Engineering Intern with experience in technical development for transportation engineering projects. Tasks and project experience include bridge design, design plan development, construction cost estimating, document control, and plan checking. Josh will be supporting the Project Manager and the other team members to provide bridge design services under this contract (if required).	
Experience Dates	Experience and qualifications relevant to the proposed contract.		
05/23 – Present	LADOTD, LA-561 Boeuf River Bridge Replacement Project, 561: 60707470, Hebert, LA. Responsible for preliminary bridge layout and design, preliminary structural design to generate pile loads, reinforced deck design, as well as performing site visit meeting with LADOTD to assess condition of current bridge and determine new bridge design parameters.		
08/23 – Present	LADOTD, LA-10 Bayou Carron Bridge Project, 60713270, Washington, LA. Responsible for calculating bridge service loads for LADOTD geotechnical analysis.		
10/23 – Present	LADOTD, Bridge Load Rating, 60704483, Multiple locations across LA. Performed substructure analysis on multiple concrete bridge structures for LADOTD bridge load rating project.		
11/22 – Present	EBR Parish, College Drive, Baton Rouge, LA. Performed design check/design analysis for box culvert and box culvert headwall.		
07/22 – Present	TxDOT, I-635 LBJ East Design Build Project, Dallas, TX. Performed construction support activities and quality support/quality assurance tasks for multiple bridge structures throughout project.		
11/22 – 12/122	SDDOT, West River Bridges, Prairie City, SD. Responsible for design of box culvert wingwall.		

Section 17

I-10 Lake Charles

Team member Terracon performed 37 deep bridge borings, 39 shallow roadway borings and associated laboratory testing as part of a planned replacement of the existing I-10 Calcasieu River bridge in Lake Charles, LA.

Terracon's project 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.



Firm Name	AECOM AECOM Technical Services, Inc. (AECOM)		Past Performance Evaluation Discipline(s)		Other-Project Management, Road, Bridge, Traffic	
Project Name	US 90/I-310 Interchange Modification Report & Environmental Assessment			Firm Responsibility		Prime
Project Number	State Project No. H.010753.1	Owner's Name	Regional Planning Commission			
Project Location	St. Charles Parish, LA		Owner's Project Manager		Jeff Roesel, AICP	
Owner's Address, Phone, Email		10 Veterans memorial Blvd. New Orleans, LA 70124 • 504.483.8528 • jroesel@norpc.org				
Services Commenced by This Firm		2014	Total Consultant Contract Cost (\$1,000's)			\$566
Services Completed by This Firm		2020	Cost of Consultant Services Provided by This Firm (\$1,000's)			\$530

The scope of this project initially anticipated the preparation of an Interchange Modification Report (IMR) followed by the preparation of an Environmental Assessment. The design concept to be studied was an Interim Improvement that proposed a flyover ramp identified through a Stage 0 Feasibility Study, prepared by AECOM for the Louisiana Department of Transportation and Development (DOTD) as part of the I-49 Study to Identify Interim Improvements for Safety and Efficiency.

The operational concern that the project is intended to correct results from the incomplete design of the I-310/US 90 interchange. There are no directional ramps from eastbound US 90 to northbound I-310 or from southbound I-310 to eastbound US 90. Instead, two signalized intersections are operating along US 90 at the ramp terminals. The eastbound US 90 to northbound I-310 movement causes considerable congestion with long queues often exceeding the length of the left turn storage lane on US 90 and spilling into the through travel lanes, often as far as Tiger Drive in Mosella over 4,000 feet to the west. This causes significant operational difficulties and poor level of service on eastbound US 90 not only for left turning traffic but also through traffic.

As work on the IMR advanced, it was determined that the Project Team, including DOTD, RPC and AECOM should utilize a Sifting Matrix methodology to refine the proposed project concept that had been defined to include not only the I-310 interchange, but also the two adjacent intersections: Tiger Drive to the west and Paul Maillard Road/Magnolia Ridge Road to the east. Employing a collaborative and iterative process, the Sifting Matrix methodology ultimately resulted in an entirely revised concept, as shown below, that reduces the additional required right-of-way, eliminates the need for a new flyover ramp, reduces the estimated construction cost relative to the Stage 0 concept, and eliminates the need to complete the IMR process.

Following the Traffic Technical Memorandum, the remaining work consists of the preparation of the Phase II ESA to identify the constraints of a known landfill in the project area and a Environmental Assessment in accordance with NEPA.

Team Members: Louis Costa, Jonathan McDowell, Gregory Trahan, Oscar Avila, Corey Serignea



Relevance to DOTD

- Interchange Reconstruction
- Design for Urban Area
- Traffic Analysis
- Stakeholder Involvement



Firm Name	AECOM AECOM Technical Services, Inc. (AECOM)		Past Performance Evaluation Discipline(s)		Other-Project Management, Road, Bridge, Traffic
Project Name	I-49 South, Raceland to the Westbank Expressway, 26 Stage 0 Freeway and Interim Improvements			Firm Responsibility	Prime
Project Number	State Project No. H.005171	Owner's Name	Louisiana Dept. of Transportation and Development		
Project Location	Lafourche, St. Charles, and Jefferson Parishes, LA	Owner's Project Manager		Quang Nguyen, PE	
Owner's Address, Phone, Email		PO Box 94245, Baton Rouge, LA 70804 • 225.379.1957 • Quang.Nguyen@la.gov			
Services Commenced by This Firm		2010	Total Consultant Contract Cost (\$1,000's)		\$737
Services Completed by This Firm		2014	Cost of Consultant Services Provided by This Firm (\$1,000's)		\$1.4B

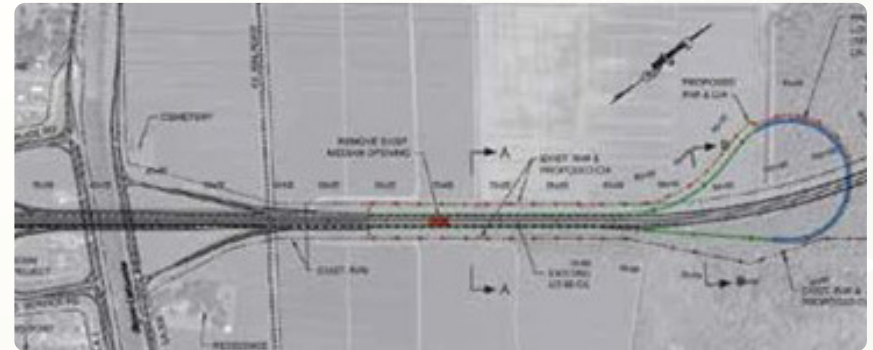
The scope of this project was to identify improvements in the 38.6 mile segment of the US 90 corridor, which is future I-49 South, to improve safety and efficiency and also provide for control of access segments meeting Interstate Standards. Each improvement was developed and presented as a stand- alone Stage 0 feasibility study.

During the course of the project, AECOM facilitated and attended meetings of the DOTD project staff with the elected officials in the Parishes to be served by I-49 and its related roadway improvements.

This segment has been the subject of an Environmental Impact Statement within the last decade and received a Record of Decision (ROD) from the FHWA, but the ROD concept is too costly to implement at this time.

The segment includes 18 Stage 0 Projects for interim improvements estimated to cost a total of \$240.2 million in 2012 dollars including ROW and professional services and eight Freeway Projects estimated to cost a total of \$1.1 billion in 2012 dollars. Together, these projects will provide the I-49 South freeway from Raceland to the Westbank Expressway for a combined total of \$1.4 billion in 2012 dollars as compared to the 2008 estimate in the ROD of \$4.8 billion in 2012 dollars.

An Implementation proposal was prepared and submitted to DOTD in February 2014, which identified NEPA courses of action for the Interim and Freeway projects. FHWA approved this plan, which has led to the advertisement for an SEIS.



Relevance to DOTD

- DOTD Coordination
- Design for Urban Area
- Roadway and Bridge Alternative
- Geometric Road Design
- Stakeholder Involvement
- Environmental Scoping Services

Team Members: Louis Costa, Jonathan McDowell, Gregory Trahan, Oscar Avila, Corey Serigne

Firm Name	 AECOM Technical Services, Inc. (AECOM)		Past Performance Evaluation Discipline(s)		Other-Project Management, Road, Bridge, Traffic, Geotech
Project Name	BA-0153 Mid-Barataria Sediment Diversion Project: LA 23 Realignment and Bridge CMAR			Firm Responsibility	Prime
Project Number	BA-0153	Owner's Name	Coastal Protection and Restoration Authority, State of Louisiana		
Project Location	Plaquemines Parishes, Louisiana	Owner's Project Manager		Brad Barth, PE	
Owner's Address, Phone, Email		150 Terrace Avenue, Baton Rouge, LA 70802 • 225.342.7308 • bradley.barth@la.gov			
Services Commenced by This Firm		2017	Total Consultant Contract Cost (\$1,000's)		\$1,900 (construction)
Services Completed by This Firm		2030 (est)	Cost of Consultant Services Provided by This Firm (\$1,000's)		\$52,000 AECOM fee

AECOM was the project engineer and lead designer for the \$3Billion Construction Management Risk (CMAR) project to build a 75,000 cfs sediment diversion channel between the Mississippi River and Barataria Bay in Plaquemines Parish near the community of Ironton. Proposed improvements included an approximately 1 mile realignment of LA Highway 23 and a new bridge crossing across the diversion channel.

The four-lane realigned highway includes a new 2,304-foot-long prestressed concrete girder bridge structure constructed west of the current highway right-of-way. The bridge consists of eighteen 128 foot long spans. Two-way, two-lane frontage roads utilizing portions of the existing highway will be constructed within the limits of the bridge structure to maintain access to the adjacent properties and provide access to the operations compound. An inverted siphon will be constructed to reconnect the inland drainage areas that are separated by the diversion channels.

AECOM was/is responsible for the planning, preliminary design, and final design of the bridge and its approaches along with roadway modifications, highway drainage modifications, and traffic control plans during the construction of the bridge, which included accommodations for hurricane evacuation if needed during construction. AECOM also performed a traffic analysis for inclusion into the Environmental Impact Statement and Basis of Design report.

The construction phase began in 2023 with an estimated completion date is 2030. The bridge construction and roadway realignment are expected to be completed in 2026. These features have not started being constructed.

This project is considered the State of Louisiana's largest Coastal Restoration Project.

Team Members: Daniel Boyd, Jonathan McDowell, Gregory Trahan, Sreeni Bollu, John Volk, Oscar Avila, Corey Serigne, Adeleigh Smith



Relevance to DOTD

- Alternate delivery
- Roadway engineering
- Bridge engineering
- Traffic control
- Hydrology and hydraulics
- Drainage



17. Firm Experience:

Firm Name	AECOM AECOM Technical Services, Inc. (AECOM)		Past Performance Evaluation Discipline(s)	Road, Bridge, Other-Project Management	
Project Name	College Dr Corridor Enhancement (Perkins - I-10)			Firm Responsibility	Prime
Project Number	NA	Owner's Name	City-Parish of East Baton Rouge		
Project Location	Baton Rouge, LA	Owner's Project Manager	Scott Hoffeld (Program Manager for Owner)		
Owner's Address, Phone, Email	1200 Brickyard Lane, Suite 400, Baton Rouge, LA 70802 • 225.572.7111 • Scott.hoffeld@stantec.com				
Services Commenced by This Firm	09/2020	Total Consultant Contract Cost (\$1,000's)			\$3,398
Services Completed by This Firm	Present	Cost of Consultant Services Provided by This Firm (\$1,000's)			\$1,693

AECOM is providing a Design Study, Traffic Study, Environmental Inventory, and Preliminary Engineering for enhancements to the College Drive corridor from Perkins Road to Bawell Street, including potential improvements to the I-10 interchange ramp termini. This project is one of the largest and most visible corridors in the MOVEBR program. The Design Study will produce preliminary concepts that are improvements to corridor connectivity, access management, pedestrian and bicycle safety, capacity improvements that will be evaluated using mesoscopic modeling. The concepts will be assembled into corridor alternatives that will be analyzed using Vissim. Environmental impacts, ROW impacts and acquisitions, utility relocations, implementation of green infrastructure elements, project construction costs, traffic operations and safety improvements will be factors in the evaluation. The project also includes public involvement, stakeholder engagement, and railroad coordination for modifications to the railroad crossing. The alternatives and the project areas environmental inventory will be documented using the Stage 0 Scope and Budget and Environmental Checklists.

Relevance to DOTD

- Traffic Studies - Traffic Engineering
- Traffic Studies - Safety
- Roadway and Bridge Alternatives
- Bike and Pedestrian Alternatives
- Environmental and Scoping Services
- Drainage



Once an alternative is selected, two sets of preliminary and final plans will be completed. One set will be for identified interim improvements. Final plans will be developed for the complete plan as documented in the selected alternative. AECOM is coordinating and collaborating with LADOTD and the City-Parish of East Baton Rouge in the development of the operational and safety analyses. A full and complete TEPR compliant Traffic Study will be submitted for this project.

Team Members: Jonathan McDowell, Louis Costa, Gregory Trahan, Daniel Boyd, Corey Serigne, Oscar Avila, William Fullilove, Sreeni Bollu, Greer Kenney, Louis Costa, Avery Prevot. **Subconsultants-** Marrero, Couvillon & Associates, LLC, Terracon and Vectura



Firm Name	 AECOM Technical Services, Inc. (AECOM)		Past Performance Evaluation Discipline(s)		Other-Project Management, Road, Bridge, Traffic, Geotech		
Project Name	Relocation of LA 39 and Louisiana International Terminal Access Road Interchange with LA 46 Preliminary Design, St. Bernard Parish, LA				Firm Responsibility		Prime
Project Number	WO12000		Owner's Name	Port of New Orleans			
Project Location	St. Bernard Parish		Owner's Project Manager		Chris Gilmore		
Owner's Address, Phone, Email		1350 Port of New Orleans Place, New Orleans, LA 70130 • 504.528.3305 • chris.gilmore@portnola.com					
Services Commenced by This Firm		10/2020	Total Consultant Contract Cost (\$1,000's)				\$8,996
Services Completed by This Firm		12/2023	Cost of Consultant Services Provided by This Firm (\$1,000's)				\$6,931

AECOM is the lead designer for the preliminary design of modifications to two state highways in association with the development of a 2 Million TEU capacity container terminal along the Mississippi River below Violet in St. Bernard Parish.

The scope of the LA 39 highway improvements included the relocation of a two lane highway with 8 foot shoulders so the highway can reroute under the wharf access ramp structures. The relocation also includes a highway overpass over the lead yard railroad tracks which also has to route under the southernmost wharf ramp. A portion of the existing highway is maintained for access to the Violet community. The proposed alignment and profile of the highway and the parallel railroad improvements were aligned to minimize impacts to the community south of the LIT property.

The improvements for LA 46 include raising the existing four lane highway through the Port property and constructing a proposed highway overpass across the intersecting LIT access road and railroad spur. Interchange ramps will connect LA 46 to the LIT Access Road. Physical constraints included to not modify the Violet bridge and to make sure the highway overpass is complete north of residential neighborhood just south of the LIT property. A parallel set of box culverts will be built under LA 46 to route the internal drainage of the facility to the Forty Arpent levee where a pump station will pump water into the wetlands.

The LIT terminal project includes the 1,200 acre terminal, a 3,600 ft long wharf to accommodate three ship berths and intermodal railyard, a rail storage yard, miscellaneous facility buildings, a new drainage pump station, a terminal access road with a proposed interchange at Judge Perez Drive, and relocations of St. Bernard Highway and the Norfolk Southern railroad track.

The project began with a Basis of Design report along with confirmation of the project layout. Upon selection of a program manager, the design team coordination with the Port and other stakeholders to revise the site layout of the terminal, the wharf, and the rail and road access provisions. The layout was used to develop a preliminary budgetary cost estimate and progress to a level between 30% and 60% Preliminary Plans.

Team Members: Jonathan McDowell, Gregory Trahan, Daniel Boyd, Will Fullilove, Oscar Avila, Corey Serigneau, John Volk



Relevance to DOTD

- Preliminary Road and Bridge Design of St. Bernard highway relocation
- Road and Bridge Design of the Wharf Ramps
- Preliminary and Final Plan Preparation
- Intersection Design
- Interchange Design
- Hydraulic Analysis and Design
- Railroad Coordination
- Road Design Services During the Environmental Process

Firm Name	 FORTE & TABLADA Forte & Tablada, Inc.		Past Performance Evaluation Discipline(s)		Survey
Project Name	US 90/I-310 Interchange			Firm Responsibility	Prime
Project Number	S.P. No. H.010753.5	Owner's Name	Louisiana Department of Transportation and Development		
Project Location	St. Charles Parish, LA	Owner's Project Manager	Stanley Ard		
Owner's Address, Phone, Email	1201 Capitol Access Road, Baton Rouge, LA 70802-4438 • 25-379-1292 • stanley.ard@la.gov				
Services Commenced by This Firm	01/2017	Total Consultant Contract Cost (\$1,000's)			\$ 495.5
Services Completed by This Firm	01/2018	Cost of Consultant Services Provided by This Firm (\$1,000's)			\$ 484.7

Forte and Tablada, Inc. was responsible for topographic surveying and 3-D laser scanning at the intersection of US-90 and I-310 in St. Charles Parish. This project will allow for improvements for safety and efficiency. The complete topographic survey includes all utilities with depths and all drainage required along with finish floor elevations of all buildings that fall within the survey limits. This project displays Forte and Tablada's ability to use advanced technology such as lidar scanning to conduct topographic surveys on bridge projects for LADOTD.

Team Members: Joey Coco, P.E., MBA, Will Fontenot, P.L.S., Jerry Middleton, Jr., P.L.S., Ross Wilson, P.L.S.



Relevance to DOTD

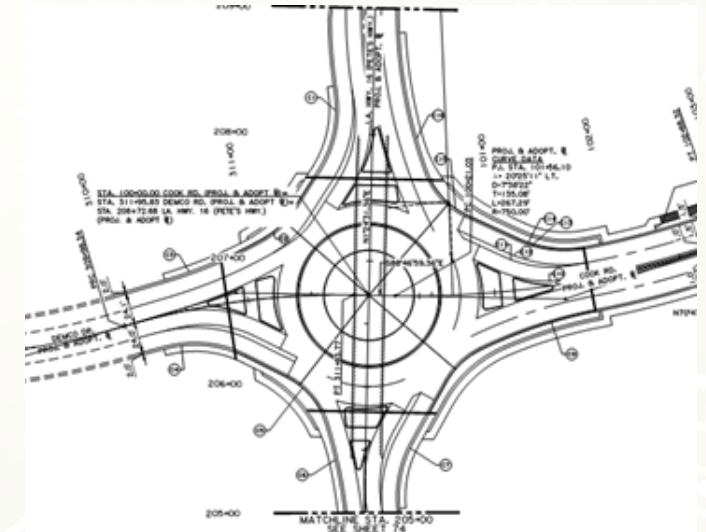
- DOTD Project
- Survey
- Experience with Project Site



Firm Name	 FORTE & TABLADA Forte & Tablada, Inc.		Past Performance Evaluation Discipline(s)		Survey, Road, Bridge
Project Name	Cook Road Improvements			Firm Responsibility	Prime
Project Number	H.012308	Owner's Name	Livingston Parish Council		
Project Location	Livingston Parish, LA		Owner's Project Manager	Layton Ricks, Parish President	
Owner's Address, Phone, Email	P.O. Box 427, Livingston, LA 70754 • 225-686-2266 • lricks@lpgov.com				
Services Commenced by This Firm	01/2012	Total Consultant Contract Cost (\$1,000's)			\$ 2,833
Services Completed by This Firm	Present	Cost of Consultant Services Provided by This Firm (\$1,000's)			\$ 2,833

Forte and Tablada performed comprehensive engineering and surveying services for this project that designed improvements to an existing section of two-lane roadway and an unimproved area with the construction of a four (4) lane boulevard section from LA Hwy 16 (Pete's Hwy) to LA Hwy 1026 (Juban Road), along with several bridges. The project typical section included a grass median (including turn lanes) with lighting and sidewalks on both sides of the road. Due to other projects and anticipated growth in the project area, this project also includes a multi-lane roundabout at the intersection of Cook Road and Pete's Hwy. This project included 2 180' long reinforced concrete span bridges. A HEC-RAS hydraulic model was created to evaluate the bridge's performance. A no-rise certificate was also required for this project. The structures were analyzed in accordance with LADOTD Hydraulics Manual. Services provided for this project include project management, a Line and Grade Study, Topographic Surveying, Environmental Services, Property Surveying, Right-of-Way Mapping, Title Take Offs, Design Engineering, Construction Engineering, and Resident Project Representative Services for the proposed construction. The engineering design was completed January 2022, and construction phase is currently underway.

Team Members: Chad Bacas, P.E., Allison Schilling, P.E., Kresten Brown, P.E., Tyler Branch, P.E., Mark Kessler, Joffrey Easley, P.E., Ross Wilson, PLS



Relevance to DOTD

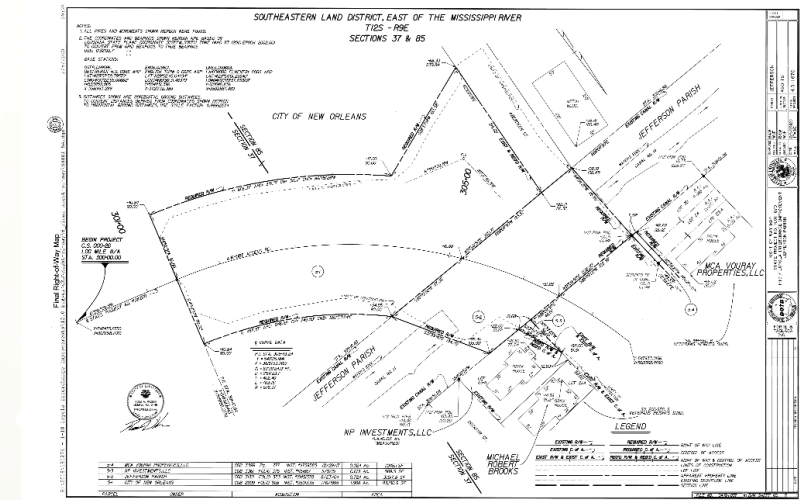
- Topographic Survey
- ROW Mapping
- Hydraulic Design
- Construction Support



Firm Name	 Forte & Tablada, Inc.		Past Performance Evaluation Discipline(s)	Survey	
Project Name	I-10/Loyola Interchange Improvements			Firm Responsibility	Subconsultant
Project Number	H.011670	Owner's Name	Louisiana Department of Transportation and Development c/o Gilchrist Construction Co.		
Project Location	Kenner, LA		Owner's Project Manager	Tim Nickel, P.E.	
Owner's Address, Phone, Email	1201 Capitol Access Road, Baton Rouge, LA 70802-4438 • 225.379.1292 • timothy.nickel@la.gov				
Services Commenced by This Firm	08/2019	Total Consultant Contract Cost (\$1,000's)			\$ Unknown
Services Completed by This Firm	Present	Cost of Consultant Services Provided by This Firm (\$1,000's)			\$ 552

Forte and Tablada, Inc. is a subconsultant to Gilchrist Construction Company to provide topographic surveying and right-of-way mapping services for the I-10/Loyola Interchange Improvements. Right-of-way mapping services provided include performing title take-offs, field investigations to survey property boundary evidence, boundary analysis, existing right-of-way location determination and right of way mapping. Additional services include preparing exhibit maps for an act of transfer between the City of Kenner and the Airport for property along Aberdeen St and 27th St. so that a cooperative endeavor agreement can be reached between interested parties. All right-of-way maps were produced in accordance with state regulations and LADOTD requirements as outlined in Addendum A of the Location and Survey Manual.

Team Members: Joey Coco, P.E., MBA, Ross Wilson, P.L.S., Gerald Middleton, P.L.S.



Relevance to DOTD

- LADOTD Project
- Property Survey
- ROW Mapping



Firm Name	 Marrero, Couvillon & Associates, LLC	Past Performance Evaluation Discipline(s)	Road	
Project Name	Bluebonnet Blvd. Roadway Lighting		Firm Responsibility	Subconsultant
Project Number	19-CP-HC-0034	Owner's Name	East Baton Rouge Parish/City of Baton Rouge	
Project Location	Baton Rouge, LA	Owner's Project Manager	Kate Brady Prejean, P.E.	
Owner's Address, Phone, Email	10000 Perkins Rowe, Suite 640, Baton Rouge, LA 70810 • 225.368.2818 • kbprejean@hntb.com			
Services Commenced by This Firm	07/2020	Total Consultant Contract Cost (\$1,000's)		\$ Unknown
Services Completed by This Firm	12/2020	Cost of Consultant Services Provided by This Firm (\$1,000's)		\$ 59

The scope of work includes additional lane capacity in each direction. Bluebonnet Boulevard is two lanes in each direction currently. Pedestrian facilities are interspersed throughout the corridor and there is commercial development abutting the entire corridor. The project will add an additional travel lane in each direction and provide for connected pedestrian facilities throughout the corridor. Lighting and electrical design is ongoing, and provides new low-mast lighting utilizing LED fixtures on aluminum poles with breakaway bases, and will cover the entire stretch of roadway from Perkins Road to Picardy Ave. All photometric analysis was performed using Agi32 and approved by MoveBR. The lighting levels were determined from the traffic analysis and supported the increased pedestrian and bicycle traffic anticipated with the installation of new sidewalks and bike lanes. Kimball Schlafly and Chris Schade provided the electrical design, and Mr. Schlafly provided project management.

Relevance to DOTD

► Roadway Lighting



Team Members: Kimball Schlafly (Sr. Electrical Engineer); Chris Schade (Sr. Electrical Engineer)

Firm Name	 Marrero, Couvillon & Associates, LLC		Past Performance Evaluation Discipline(s)	Road
Project Name	I-10 and Pecue Lane - Lighting		Firm Responsibility	Subconsultant
Project Number	09-CS-US-0041	Owner's Name	East Baton Rouge Parish/City of Baton Rouge/LADOTD	
Project Location	Baton Rouge, LA	Owner's Project Manager	Gary McClure (Shread-Kuyrkendall)	
Owner's Address, Phone, Email	13016 Justice Ave, Baton Rouge, LA 70816 • 225.296.1335 • gmccclure@skaengr.com			
Services Commenced by This Firm	07/2017	Total Consultant Contract Cost (\$1,000's)		\$36,000
Services Completed by This Firm	02/2021	Cost of Consultant Services Provided by This Firm (\$1,000's)		\$ 131

The civil work consisted of adding new access points to I-10, and new overpasses expanded to three lanes. Lighting design included areas along Pecue Lane, as well as the new overpasses and entrance and exit ramps, utilizing LED fixtures mounted on both high mast and low mast poles. Lighting design also required the establishment of new electrical services and secondary controllers for all of the new lighting. John Hamm provided the design, Chris Schade provided the construction administration. Kimball Schlafly provided the project management.

Relevance to DOTD

- Roadway Lighting
- LADOTD Project



Team Members: Kimball Schlafly (Sr. Electrical Engineer); Chris Schade (Sr. Electrical Engineer)



Firm Name	<div><div>Marrero, Couvillon & Associates, LLC</div></div>	Past Performance Evaluation Discipline(s)	Road	
Project Name	DOTD I-10 Widening, LA73 to LA 30		Firm Responsibility	Subconsultant
Project Number	DOT22009.801	Owner's Name	Louisiana Department of Transportation	
Project Location	Baton Rouge, LA	Owner's Project Manager	John Raymond	
Owner's Address, Phone, Email	1201 Capitol Access Road, Baton Rouge, LA 70802-4438 • 225.296.1335 • jraymond@skaengr.com			
Services Commenced by This Firm	09/2022	Total Consultant Contract Cost (\$1,000's)		\$ Unknown
Services Completed by This Firm	01/2024	Cost of Consultant Services Provided by This Firm (\$1,000's)		\$ 186

MCA scope of services is to modify the existing high mast lighting at LA73 interchange, as needed to accommodate the widening of I-10. This required a photometric analysis to be performed on the existing conditions, and again on the proposed relocation for the high mast poles to accommodate the added travel lanes and new bridge construction over LA73. The high mast poles shall be re-used, with new LED light fixtures and lowering devices provided. Design was completed by Chris Schade. Kimball Schlafly is providing the project management. Project is currently awaiting bid by LADOTD.

Team Members: Kimball Schlafly (Sr. Electrical Engineer); Chris Schade (Sr. Electrical Engineer)



Relevance to DOTD

- Roadway Lighting
- LADOTD Project



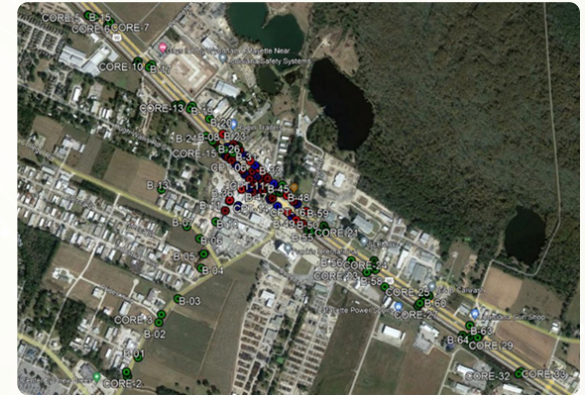
Firm Name	 Terracon Consultants, Inc. (Terracon)		Past Performance Evaluation Discipline(s)	Geotechnical	
Project Name	I-49 South at Verot School Road			Firm Responsibility	Subconsultant
Project Number	H.011235	Owner's Name	Louisiana Department of Transportation and Development		
Project Location	Lafayette Parish	Owner's Project Manager	Corey Landry		
Owner's Address, Phone, Email	1201 Capitol Access Rd., Baton Rouge, LA 70802 • 225.379.1889 • corey.landry@la.gov				
Services Commenced by This Firm	06/2018	Total Consultant Contract Cost (\$1,000's)			\$442
Services Completed by This Firm	02/2022	Cost of Consultant Services Provided by This Firm (\$1,000's)			\$482

Terracon was the geotechnical subconsultant to Huval and Associates. Terracon performed 30 deep borings, 67 shallow borings, including 33 located within the existing roadways, 15 CPT soundings, lab testing, installed and monitored piezometer, and prepared 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 necessary due to changes in the design.

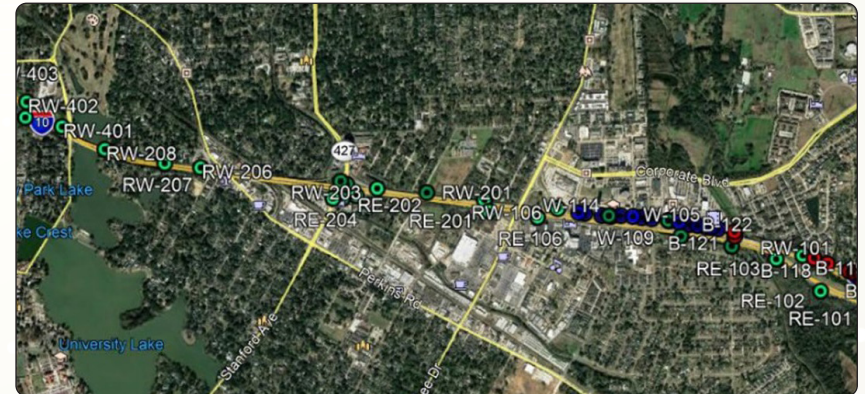
Team Members: Lynne Roussel, P.E., Steve Greaber, P.E., Ryan Poindexter, P.E., Matthew Minton, Brian Alexander



Firm Name	 Terracon Consultants, Inc. (Terracon)		Past Performance Evaluation Discipline(s)	Geotechnical	
Project Name	I-10 Widening (I-10/I-12 split to Washington Street)			Firm Responsibility	Prime
Project Number	H.004100	Owner's Name	Louisiana Department of Transportation and Development		
Project Location	Baton Rouge, Louisiana		Owner's Project Manager	Kristy Smith, P.E.	
Owner's Address, Phone, Email		1201 Capitol Access Road, Baton Rouge, LA • 225.379.1387• Kristy.Smith2@la.gov			
Services Commenced by This Firm		06/2019	Total Consultant Contract Cost (\$1,000's)		\$285
Services Completed by This Firm		03/2020	Cost of Consultant Services Provided by This Firm (\$1,000's)		\$285

Terracon provided geotechnical services for the widening of I-10 from the I-10/I-12 split to Washington Street from two to three lanes in each direction. We provided soil borings, lab testing, soil surveys and boring logs for planned retaining wall, flyover, and widened roadway. Traffic control and lane closures were required as part of this project.

Team Members: Lynne Roussel, P.E., Steve Greaber, P.E., Ryan Poindexter, P.E., Matthew Minton, Brian Alexander



Relevance to DOTD

- LADOTD Project
- Traffic Control
- Geotechnical Field Work
- Geotechnical Analysis



Firm Name	 Terracon Consultants, Inc. (Terracon)		Past Performance Evaluation Discipline(s)	Geotechnical	
Project Name	Nelson Road Extension and Bridge			Firm Responsibility	Prime
Project Number	H.009481	Owner's Name	Louisiana Department of Transportation and Development		
Project Location	Lake Charles, LA	Owner's Project Manager	Kristy Smith, P.E.		
Owner's Address, Phone, Email	1201 Capitol Access Road Baton Rouge, LA 70802 • 225.379.1387 • Kristy.Smith2@la.gov				
Services Commenced by This Firm	07/2018	Total Consultant Contract Cost (\$1,000's)			\$364
Services Completed by This Firm	06/2021	Cost of Consultant Services Provided by This Firm (\$1,000's)			\$364


Terracon provided soil borings, lab testing, boring logs, and engineering for a planned roadway extension and bridge. Provided pile nominal capacity calculations and recommendations for resistance factors for design. Provided design support for impact dolphins to be placed in front of the bridge to protect the superstructure from impact by large ships from the adjacent Port of Lake Charles.

Team Members: Lynne Roussel, P.E., Steve Greaber, P.E.,
Ryan Poindexter, P.E., Matthew Minton, Brian Alexander



Relevance to DOTD

- LA DOTD Project
- Geotechnical Field Work
- Geotechnical Analysis
- Geotechnical Design

Firm Name	 Vectura Consulting Services, LLC (Vectura)	Past Performance Evaluation Discipline(s)	Traffic	
Project Name	Belle Chasse Bridge & Tunnel Replacement PPP		Firm Responsibility	Subconsultant
Project Number	H.004791	Owner's Name	Louisiana Department of Transportation and Development	
Project Location	Belle Chasse, LA	Owner's Project Manager	Nicholas J. Olivier, PE	
Owner's Address, Phone, Email	1201 Capitol Access Road Baton Rouge, LA 70802 • 225.379.1133 • nicholas.olivier@la.gov			
Services Commenced by This Firm	04/2019	Total Consultant Contract Cost (\$1,000's)		Unknown
Services Completed by This Firm	Present	Cost of Consultant Services Provided by This Firm (\$1,000's)		\$211.890

Vectura is providing the traffic engineering services for the Belle Chasse Bridge & Tunnel Replacement Project for improvements along LA 23. Vectura is responsible for the following tasks:

- ▶ Providing preliminary and final traffic studies
- ▶ Providing temporary and final traffic signal plans
- ▶ Assisting the Prime with the Traffic Management Plan (TMP)
- ▶ Creating response to request for information (RFIs)
- ▶ Providing as-built plans for the traffic signals

Relevance to DOTD

- ▶ DOTD project
- ▶ Alternative delivery
- ▶ Traffic studies
- ▶ Signal plans



Team Members: Brin Ferlito, Laurence Lambert, and Reece Rodriguez

Firm Name	 Vectura Consulting Services, LLC (Vectura)		Past Performance Evaluation Discipline(s)	Traffic	
Project Name	I-12: US 61 Bridges Girder Repairs			Firm Responsibility	Subconsultant
Project Number	H.014591.5	Owner's Name	Louisiana Department of Transportation and Development		
Project Location	Baton Rouge, LA	Owner's Project Manager	Carl Gaudry		
Owner's Address, Phone, Email	1201 Capitol Access Road Baton Rouge, LA 70802 • 225-379-1075 • Carl.Gaudry@la.gov				
Services Commenced by This Firm	04/2023	Total Consultant Contract Cost (\$1,000's)			Unknown
Services Completed by This Firm	10/2023	Cost of Consultant Services Provided by This Firm (\$1,000's)			\$27,633

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

- ▶ Safety strategy that included a CAT Scan,
- ▶ LOS determination utilizing Citrix data,
- ▶ Lane closure recommendations based on a queue analysis,
- ▶ Cost estimate,
- ▶ Public information strategies.

Relevance to DOTD

- ▶ DOTD project
- ▶ Traffic management plans



Team Members: Laurence Lambert, Brin Ferlito, Reece Rodrigue, & Kristen Farrington (100% performed in Louisiana)

Firm Name	 Vectura Consulting Services, LLC (Vectura)		Past Performance Evaluation Discipline(s)		Traffic
Project Name	I-20: LA 544 Overpass Replacement			Firm Responsibility	Subconsultant
Project Number	H.010616	Owner's Name	Louisiana Department of Transportation and Development		
Project Location	Baton Rouge, LA		Owner's Project Manager	Jacob Fusilier	
Owner's Address, Phone, Email	1201 Capitol Access Road Baton Rouge, LA 70802 • 225-379-1185 • Jacob.Fusilier@la.gov				
Services Commenced by This Firm	04/2023	Total Consultant Contract Cost (\$1,000's)			Unknown
Services Completed by This Firm	10/2023	Cost of Consultant Services Provided by This Firm (\$1,000's)			\$131,973

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

- ▶ Preliminary and final traffic studies
- ▶ Temporary and final traffic signal plans
- ▶ Traffic Management Plan (TMP)
 - » Safety strategy that included a CAT Scan,
 - » LOS determination utilizing Citrix data,
 - » Lane closure recommendations based on a queue analysis,
 - » Cost estimate,
 - » Public information strategies.

Relevance to DOTD

- ▶ DOTD project
- ▶ Alternative delivery
- ▶ Traffic studies
- ▶ Traffic management plans



Team Members: Laurence Lambert, Brin Ferlito, Reece Rodrigue, & Kristen Farrington (100% performed in Louisiana)

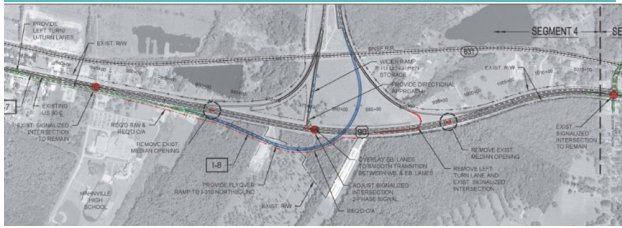
Section 18

I-10 ITS Scott to Lake Charles, I-10 (District 07)

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

- ▶ Safety strategy that included a CAT Scan,
- ▶ LOS determination utilizing Citrix data,
- ▶ Lane closure recommendations based on a queue analysis,
- ▶ Cost estimate,
- ▶ Public information strategies.

Experience



AECOM has a long history of work within this corridor and specifically working on the early stages of the I-310/US 90 improvements. AECOM originally completed an Environmental Impact Statement (EIS) for the proposed I-49 corridor from Raceland to the Westbank Expressway, a 38.6 mile segment of US 90, which is the future I-49 South. The I-310 interchange was a middle point which allowed the project to be Split into two independent Segments of Utility. FHWA's decision to require the whole length of the interstate to be on structure ultimately made the alternatives in the original EIS cost prohibitive. AECOM was selected by LADOTD to develop interim improvements to improve safety and mobility along the corridor that could be compatible with a less expensive freeway alternative. Within that project, AECOM developed several alternatives that allowed the interchange to be constructed in various phases. The first phase of the selected alternative was an eastbound US 90 to northbound I-310 flyover ramp. This interim project was developed further where AECOM was tasked by the New Orleans Regional Planning Commission (RPC) to complete an Interchange Modification Report (IMR) and an Environmental

ADVANTAGE

- Design, risk management, and project management engineering services with experience in delivering creative, cost effective, and implementable solutions.
- Leadership that knows LADOTD's processes and procedures and various contracting methods including fixed-price/variable scope, CMGC, and P3.
- Local and national experience with alternative delivery working for both the Owner and Design-Builder.
- Specialty partners that are known to LADOTD.



Assessment. During the Environmental Assessment it was determined that the flyover ramp was too expensive and had potential environmental mitigation issues with the landfill within the interchange. A new alternative was developed where the westbound US 90 would be rerouted under the existing I-310 ramps. ROW and landfill impacts were just as significant, but AECOM was able to successfully complete and submit all documents to the Federal Highway Administration (FHWA) in accordance with the National Environmental Policy Act (NEPA). LADOTD decided to reconsider the alternative in house as traffic volumes changed around the time of COVID. The new alternative is now moving to Preliminary Plans. Yet, even with the current alternative, there is potential for impacts to the landfill if the bridge is widened though it is not currently anticipated. This can be mitigated with a signalized intersection where the two ramps from US 90 meet to eliminate the need for the bridge widening. The current alternative provides for an additional eastbound turn lanes onto I-310 by widening the eastbound US 90 lanes to the south. There are also some potential right-of-way and access impacts along westbound US 90 near Paul Mallard Road.

Most recently, Forte and Tablada was tasked by LADOTD to perform topographic survey for the project. AECOM believes both firms bring the experience from their previous tasks that provide continuity to the project.

Our Subconsultant Team: AECOM brings LADOTD a full-service team that can fulfill all required services. We have partnered with the firms below, which have worked with AECOM and/or LADOTD, to fulfill the needs of this contract:

Firm	Services
Forte and Tablada, Inc	Survey/ROW Maps
Marrero, Couvillon & Associates, LLC	Traffic Lighting
Terracon, Inc	Environmental Field Sampling and Mitigation
Vectura Consulting Services, LLC	Traffic Engineering, Analysis, and Safety; ITS; Traffic and ITS Construction Support

Approach

Understanding: AECOM is clear in the understanding of what LADOTD wants to progress and is ready to support LADOTD to perform Preliminary Plans and perform the geotechnical investigations for the current alternative. We understand as the work progresses and the environmental concerns are mitigated, the LADOTD will direct the consultant to complete Final Plans and to procure a Contractor to construct the project within a timely manner. AECOM will provide construction documents that will allow for LADOTD to construct a dual left turn lane from US 90 onto the northbound travel lanes of I-310. Current conditions allow for a single lane to make a left turn from US 90 onto I-310 northbound. The additional lane required will impact both the east and westbound traffic lanes of

US 90. In addition to the dual left turn lanes on the eastbound movement of US 90, two additional lanes will be added to the westbound lanes of US 90 between LA 52 (Paul Mallard road) and the I-310 interchange. The existing condition allows for a single right turn lane from southbound LA 52 (Paul Mallard Road) onto US 90 that becomes a weaving lane on US 90. The modifications to the intersection of US 90 at LA 52 (Paul Mallard Road) may require an updated traffic analysis to ensure impacts are limited as not cause further delays on southbound LA 52 (Paul Mallard Road). During prior geometric and traffic analysis, LADOTD was trying to avoid impacts to the rail line north of the US 90 and LA 52 (Paul Mallard Road) intersection. Other impacts that will have to be mitigated are the closing of the median opening to allow for U-turners on US 90. Currently several businesses have a left turn lane from US 90 to allow access to their business. To allow the travel lanes of US 90 to merge back to the US 90/LA 52 (Paul Mallard Road) intersection, these businesses may lose this access. Furthermore, the businesses may lose right-of-way as an additional lane will be added to the eastbound of US 90.



PROJECT MANAGEMENT

Jonathan McDowell, PE. will lead our team. Jonathan has 20+ years experience in project management, design, and construction of small to large, complex urban infrastructure projects throughout Louisiana. His project experience includes multiple delivery methods including traditional DBB, DB, and CMAR.

established trusted relationships. These relationships will help foster quality work that can be completed in a timetable that is favorable to LADOTD.

Project Management: **Jonathan McDowell, PE** will serve as the AECOM Project Manager. Jonathan has been with AECOM for 23 years and was a Deputy Project Manager for the original I-49 study. He has seen this project develop since it inception and has worked closely with LADOTD and local municipalities to see the Project go through the Environmental stage. During his time at AECOM, he has worked on numerous projects with LADOTD and other municipalities that require the following of the LADOTD design process.

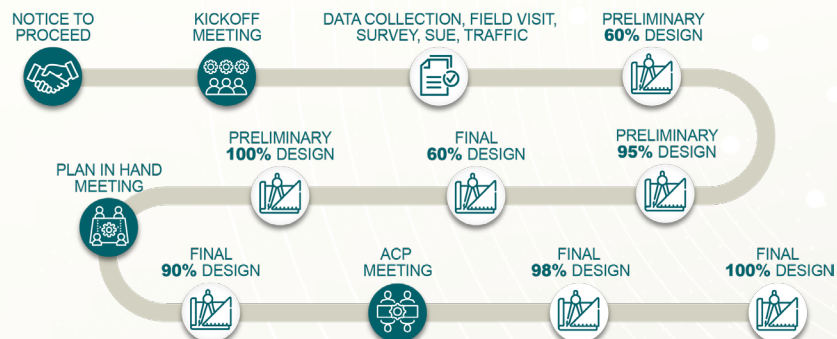
Jonathan will be closely supported by Gregory Trahan, PE, RSP1 and Louis Costa. Both Gregory and Louis worked closely with Jonathan on the I-310/US 90 EA and IMR phase. Louis Costa was the Project Manager for the EA and IMR phase. He prepared the Environmental Document that was approved by FHWA and assisted in the development of alternatives that were presented to LADOTD. Gregory worked with Jonathan to develop alternatives, geometric layouts, and safety improvements as part of the IMR.

Methodology

1. Roadway Design and Hydraulic Engineering Services

Roadway and Hydraulic Engineering: After the kickoff meeting, AECOM will begin to collect data completed by LADOTD after AECOM completed the EA and IMR. During this data collection phase, AECOM will begin to work on the 30 % Preliminary Plans as outlined in the Road Design Manual. While AECOM is working on the 30% Preliminary Plans, Terracon will be working on the field work to gather the geotechnical data and Vectura will be collecting any required traffic data. The traffic data collection will vary on the time of year, depending on if school is in session or not. In the 60% Preliminary Design Phase, AECOM is expected to be incorporating geotechnical data from Terracon and any design modifications that may come due to traffic analysis. The 95% Preliminary Plans will incorporate all comments from the 60% Preliminary Plans. These Plans will also be used for the Plan-In-Hand (PIH) meeting. The PIH meeting will be coordinated by AECOM and inclusive of all necessary district and technical staff as well as any community stakeholders as LADOTD requires. The 100% Final Plans will include all comments received from the 95% Plan submittal, including comments received from the PIH meeting.

The Final Plan Development will begin when the LADOTD PM gives AECOM the notice. At this point AECOM will work to develop 60% Final, 95% Final, 98% Final, and 100% Final Plans. The submittal stages will be completed much like the



LADOT Procedures: AECOM will follow the LADOTD Road Design Manual and other associated manuals that clearly identifies the LADOTD Plan Delivery process. See the flowchart as it will be the process we follow to deliver a high-quality plan set.

The AECOM Team has many years of experience working and gaining the trust of the staff with LADOTD. The team has all worked together before and has

Prime consultant firm name: **AECOM**

GEOTECHNICAL



Our subconsultant Terracon will lead geotechnical engineering tasks which may include field investigations, lab analysis, or engineering analyses. Lynne Roussel, PE will lead the geotechnical services and Meets MPR No. 6.

Oversight will be provided by AECOM's John Volk, PE, who served as the lead geotechnical engineer for the Mid Barataria Sediment Diversion CMAR.

Preliminary Phase, but with a more emphasis on refining construction plans sheets and hydraulic design, along with the completion of any and all required permits and design exceptions.

2. Geotechnical Engineering Services: Geotechnical site conditions are considered a significant project risk. It is important to understand the potential risk for the construction plans of US 90 at I310. Our team will first provide a Geotechnical Investigation Plan that will formulate a plan for approval of the soil boring locations and coordinate with the local district office about when work will be done and provide a traffic control plan for approval.

Analysis from the subsurface investigations will be furnished in a detailed final Geotechnical Data Report (GDR). In addition to the GDR, the AECOM Team will provide a Geotechnical Interpretation Report (GIR) that details all assumptions, design methodologies, and final recommendations.

3. Traffic Engineering and Design

Services: AECOM is known leader in traffic engineering. We have also partnered with Vectura to assist AECOM in all traffic tasks. Both AECOM and Vectura are very familiar with LADOTD TEPR process and the related EDSM. The AECOM Team will work with LADOTD to determine any traffic restrictions, minimum lane requirements, allowable ramp, lane, or bridge closure times, and associated user delay costs. Our team will then evaluate the associated user delay costs using traffic modeling software which best meets the project's specific needs (e.g., Syncro, Vissim, CO3). This information will then be used to develop construction plan.

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

Traffic Engineering Analysis: Vectura has an experienced staff of transportation engineers that are well versed in the traffic models used by LADOTD to analyze complex alternatives. Brin and Laurence have worked with LADOTD for over the

past 20 years, including TranPLAN, TransCAD, CORSIM, VISSIM to name a few. Laurence and Brin developed models to compare alternatives for LADOTD. On a more microscopic level, Brin, Laurence and the Vectura staff are proficient in HCS, Synchro and Sidra to analyze intersection alternatives. All our staff have taken the LADOTD Traffic Engineering Process and Report course and understand how to format the study to LADOTD's standards.

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

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

4. Surveying: Forte and Tablada is known for their accurate and reliable survey data by other consultants, LADOTD and other local municipalities. is provided within the procurement documents, pre-award designs and cost estimates are more informed and robust.

5. Bridge Design Services: It is expected that some bridge design may be required on the On-Ramp of northbound I-310. Items such as bridge location, lane, shoulder and sidewalk width, minimum lateral and vertical clearance, bridge hydraulics for early permitting, foundation investigation, retaining wall type, retaining and noise wall locations, and structure repair recommendations may need to be investigated and determined for inclusion in the procurement documents. This is done in concert with the road design efforts.

AN EXPERT TRAFFIC TEAM

Laurence Lambert, PE, PTOE, and Brin Ferlito, PE, PTOE of Vectura will lead the traffic team with oversight from AECOM's Kordel Braley, PE, PTOE. *Both meet MPR No. 5*

SURVEY CONSULTANTS

Forte and Tablada are experienced in performing survey services for DOTD and with which AECOM has partnered with successfully with in the past.



TRUSTED DOTD BRIDGE EXPERTS

AECOM's bridge design team will be led by AECOM Daniel Boyd, PE. Adding to our capacity, Forte and Tablada will provide additional resources for bridge design if required.

Our bridge design group is a nationwide practice with local resources. We can design any kind of structure from a standard LG girder to the most complex of bridge spans. Our bridge group's LADOTD experience includes Florida Avenue Bridge, I-49 Connector, Jimmie Davis Bridge, LA 561, LA 10, LA 23 over Mid Barataria, and I-10/Loyola Interchange as part of a DB proposal.

6. Quality Control Reviews and Peer Reviews: AECOM's Quality Management System (QMS) is certified to the ISO 9001:2015 standard. For each deliverable, we conduct a discipline review (separate from the originator), an interdisciplinary review, and an independent design review. Sign-off is also required by lead verifiers and the Project Quality Manager to confirm that quality reviews have been completed and that the deliverable meets the project technical approach and documented client requirements.

Independent technical reviews (ITRs) are assigned to senior SMEs not involved with the project. These reviewers verify technical interpretations, conclusions,

and recommendations. ITRs are documented within AECOM's management information system using a Technical Quality Review Record (TQRR). The TQRR contains the original draft deliverable, comments from reviewers, resolution of comments, and approvals from the Lead Verifier, the Quality Manager, and Project Manager. The Project Manager is responsible for assigning an approved Lead Verifier for each deliverable. AECOM's Quality Manager supports that position by providing reviewers with access to Standards of Procedure (SOPs) and work instructions and circulating lessons learned to continuously improve technical performance.

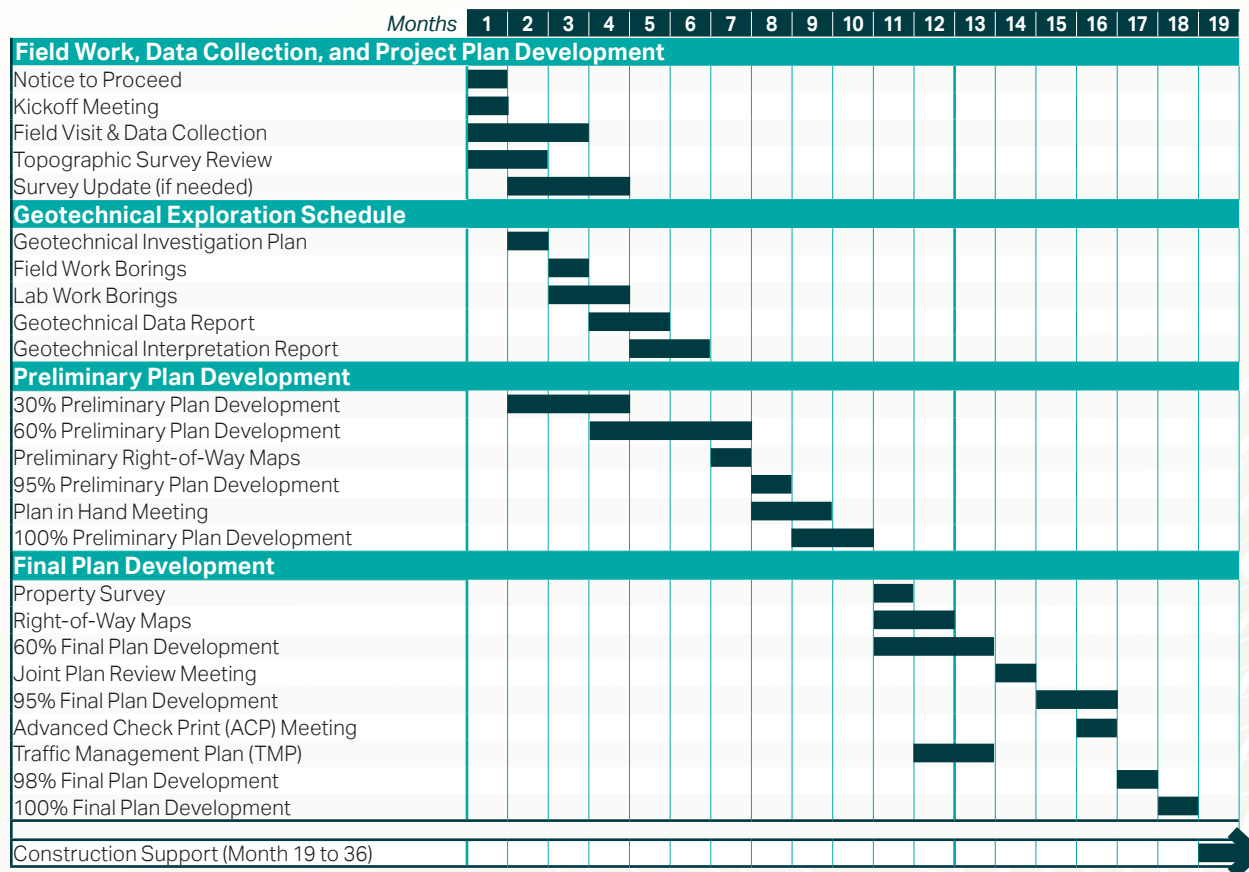


**QUALITY ASSURANCE/
QUALITY CONTROL**

The AECOM Team includes



Janice Williams, PE as part of our QA/QC team. Janice provides through reviews of construction plans for quality industry standards along with conformance to LADOTD standards and guidelines. Her experience as Chief Engineer of LADOTD uniquely qualifies her to perform QA/QC activities for LADOTD Design projects.



7. Plan Development and Letting Support

Services: During the RFQ and RFP processes, there are opportunities for a collaborative dialogue between LADOTD and proposers in the form of proposer questions and answers, one-on-one meetings, and through the ATC process.

AECOM will generate initial responses to proposer questions, coordinate with LADOTD to develop final responses, prepare official response documents for distribution to individual proposers, and revise notice to bidders (NTBs) for sharing public questions and answers among all proposers via the LADOTD Alternative Delivery process.

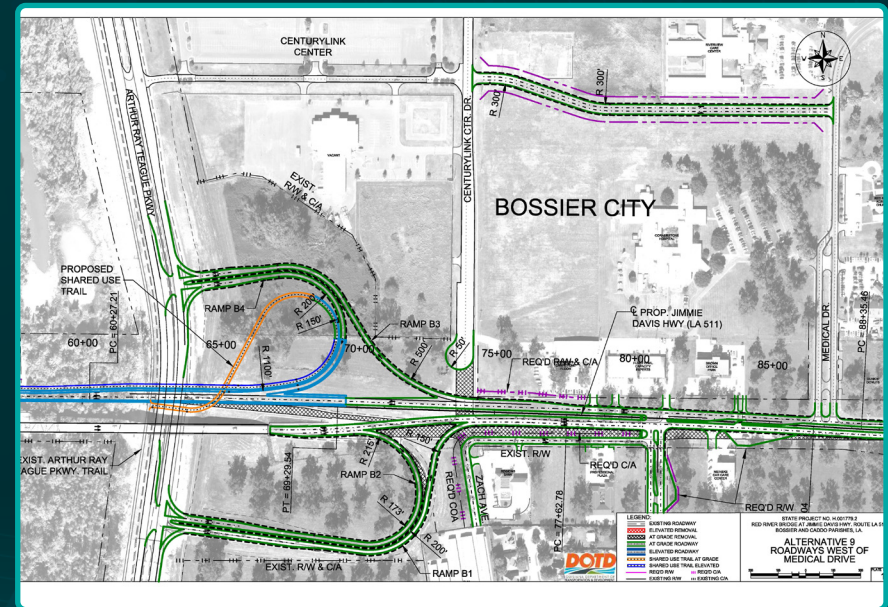
Schedule: It is estimated that it will take 18-months to complete geotechnical analysis and design plans. The AECOM team has developed an initial schedule to complete the entire project within the estimated 3 years time frame. This schedule can be used to help make planning decisions by identifying key time frames, submittal and other milestones. The AECOM Team is also dedicated to condensing the schedule down in order to fast track the design.

Jimmie Davis Bridge/Barksdale Hwy EA and Preliminary design, Shreveport, LA.




AECOM initially prepared a Stage 0 Feasibility Study to investigate providing additional capacity to the Red River Bridge at Jimmie Davis Highway (LA 511). The feasibility study, including an environmental inventory, is the first step of the DOTD Project Delivery Process. Beginning in 2013, they prepared an Environmental Assessment (EA) that obtained a Finding of No Significant Impact (FONSI) from the FHWA. In 2017, the DOTD initiated a Supplemental Environmental Assessment (SEA) to identify a new preferred alternative that will satisfy the purpose and need of the project.



The project includes providing a full interchange of the Arthur Ray Teague Parkway that parallels the Red River in Bossier City with LA 511, improvements to Jimmie Davis Highway and other roadways in the immediate area, and a bicycle/pedestrian trail across the Red River to connect the existing trails on each side of the river. Tasks included environmental data collection, purpose and need statement, development of design criteria, traffic analysis, noise analysis, and preparation of NEPA documents as well as roadway and bridge design. Designs and Outreach efforts.

Since the existing 2-lane Jimmie Davis Bridge is eligible for the National register of Historic Places and it is not beyond repair, it cannot be demolished. Although its use as the alignment of the trail has been studied, that would require that a third party take responsibility for its maintenance, and no third party has been identified. Therefore, the 2015 Selected Alternative and the 2019 Preferred Alternative both provide a new westbound bridge with 2 vehicular travel lanes and the trail. The eastbound traffic would continue to use the existing bridge, which is scheduled to be rehabilitated under another contract.



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
	Bridge	4400021593, H.009859.5	Bridge Load Rating	\$1,721,219
	Planning	4400004128, H.004273.5	I-49 Connector	\$538,438
	Traffic			\$34,207
	Road			\$14,923
	Bridge			\$150,446
	Environmental			\$136,980
	Bridge	4400023921, H.011993.5	LA 10 Bayou Carron	\$1,383
	Bridge	4400023921, H.001970.5	LA 561 Boeuf River Bridge	\$2,092
	Bridge	4400021594, H.009859.5	Task Order No. 1 - Load Rate Selected Statewide Bridges	\$165,129
	Bridge, Survey	4400021594, H.011965.6	Task Order No. 2 - IWGO Bridge Rehabilitation (Drone Flyover)	\$52,359
	Bridge	4400021594, H.000303.6	Task Order No. 3 - Danziger Bridge Rehabilitation	\$5,681
	Bridge	4400021594, H.009730.5	Task Order No. 4 - In Depth Bridge Inspection T-1 Steel Weld Assessment	\$562
	Bridge	4400021594, H.015228.5	Task Order No. 5 - LA 70: Sunshine Bridge Emer Truss Repair	\$123
	Bridge	4400021594, H.009859.5	Task Order No. 6 - Load Rate Selected Statewide Bridges	\$2,171,019
	Bridge	4400021594, H.009730.5	Task Order No. 7 - In-Depth Bridge Inspections	\$92,522
	Bridge	4400021594, H.009730.5	Task Order No. 8 - In-Depth Bridge Inspections	\$173,672
	Bridge, Survey	4400024589, H.014990.5	OSBR S. Tiger Bend Rd & East Achord Rd Bridges	\$49,265
	Bridge, Survey	4400013387, H.013137.5	OSBR Ouachita	\$23,249
	Bridge, Survey	4400019864, H.014318.5	OSBR Gurney Road Bridges	\$94,154
	Bridge	4400025037, H.014994.5	OSBR Bonne Idee Rd over Bonne Bayou	\$70,902
	Road, Bridge	4400024641, H.005734.5	LA 447 Corridor	\$180,226
	CE&I/OV	4400023837, H.013090.6	Gretna Downtown Pedestrian Improvements	\$55,022
	CE&I/OV	4400023837, H.009290.6	LSU Laboratory School SRTS Project	\$53,040
	Survey	4400021532, H.013537.5	LA 93: Ditch Bridge	\$21,405
	Survey	4400025029, H.015341	D61(EBR) IIJA Off-System Bridge	\$83,332
	Survey	4400025029, H.015341	D61(EBR) IIJA Off-System Bridge - SA 3	\$47,004
	Survey	4400004128, H.004273.5	I-49 Connector	\$35,942
	Road	H.015052	I-20 Widening Overlay	\$342,658

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
	Geotech	4400019014, H.003931.5-2	I-10: Calcasieu River Bridge Additional Borings	\$89,799
	Geotech	4400019014, H.002868	I-49 Frontage Road Bridges PDA Testing	\$193,157
	Geotech	N/A H.014274	Hanks Dr. Landis Dr Ped Improvements	\$14,458
	Geotech	4400025027, H.015442 – 015449	IIJA Off System Bridge Program	\$164,859
	Geotech	4400025026, H.015338	IIJA Off System Bridge Program	\$180,000
	Geotech	4400025023, H.015335- 015517	IIJA Off System Bridge Program	\$285,000
	Geotech	4400025024, H.015518-.015336	IIJA Off System Bridge Program	\$216,000
	Geotech	N/A, H.011645	LA 3002 Access Control State Project	\$2,400
	Environmental	4400012893 (SA1), H.004273.5	Lafayette Urban Section (I-49 Lafayette Connector) Phase II ESA, Lafayette Parish	\$22,751
	Geotech	4400025023, H.015510	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03, Phillip Street Over Drainage Bayou	\$177,050
	Geotech	4400006191, H.005967	Nelson Road Extension and Bridge	\$196,089
	Geotech	N/A, H.011670.6	Loyola Interchange Design-Build	\$355,338
	Geotech	4400019014, H.012048.5	Caster Creek and Relief Bridges	\$246,956
	Geotech	4400019014, H.012537.5	LA 154, LA157 – Red Chute BYU & Flat RVR BRS	\$74,888
	Traffic	4400017293, H.010616	I-20: LA 544 Overpass Replacement	\$74,429
	Traffic	4400005484, H.005168.2	New Orleans Rail Gateway Avondale EA	\$71,607
	CE&I/OV	4400020018, H.007160	EBR Computerized Traffic Signal, Ph VB	\$78,510
	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	\$14,740
	Traffic	4400021519, H.012030.5	KCS RR Overpasses HBI	\$572
	Traffic	4400023075, H.013522	S. Lewis Street Widening	\$7,499
	ITS	4400016364, H.015136.4	Northshore Regional ITS Architecture Update	\$11,421
	ITS	4400017922, H.012845.1	C/AV Team and Working Group Support	\$9,482
	ITS	4400017922, H.014515.5	SEA ATMS and 511 System	\$12,868
	ITS	44000020058, H.011507.1	Monroe Phase 3 SEA	\$29,217
	Traffic	4400018271, H.014746.5	LA 383 Stage 0 Corridor Study	\$20,146

(Add rows as needed)

DO NOT SUM

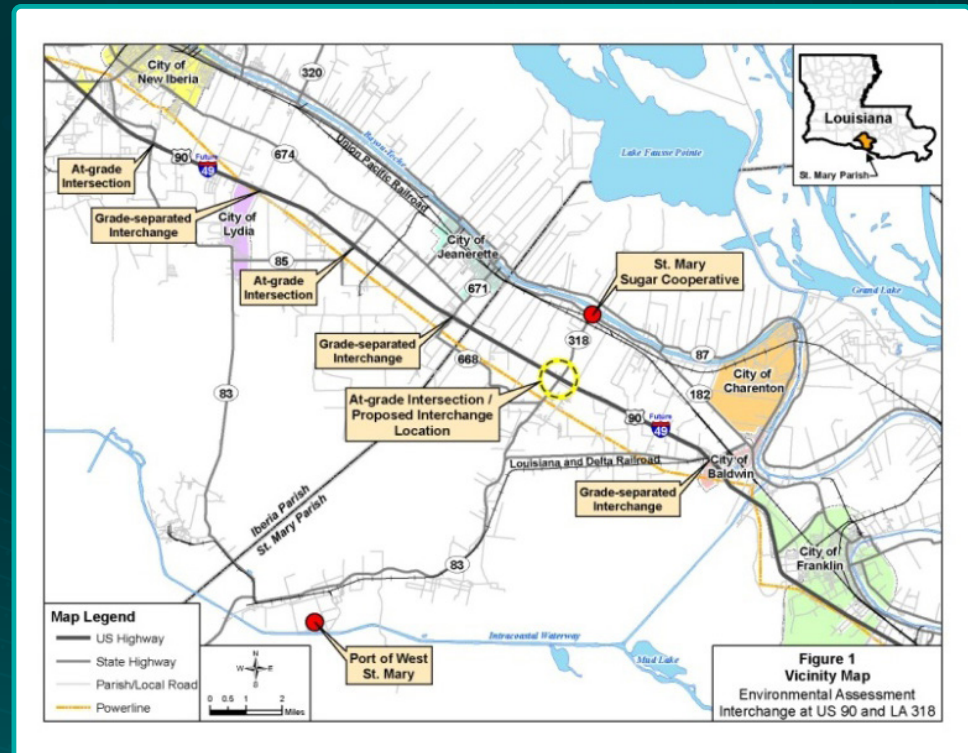
* The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

** Round to the nearest dollar. Do not round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

Section 20

US 90/LA 310 Design Build Supplemental Environmental Assessment

AECOM lead the development of an expedited Supplemental Environmental Assessment for an Alternative Technical Concept (ATC). To meet schedule requirements AECOM had to complete the SEA with a FONSI in 120 days. Through close coordination with DOTD and FHWA AECOM met the highly expedited schedule.



20. Certifications/Licenses:

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

AECOM

CERTIFICATIONS



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jonathan G McDowell
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

5/19/2023 to 5/19/2027
Training Valid Through

New Orleans, LA
Location

Don M. Clark
Vice President of Education and Technical Services

Shawn Teshker
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

 American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Gregory Trahan
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

5/19/2023 to 5/19/2027
Training Valid Through

New Orleans, LA
Location

Don M. Clark
Vice President of Education and Technical Services

Shawn Teshker
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

 American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Peter Bakhit
has attended
Traffic Control Technician-LA State Specific
Training Course

9/7/2021 to 9/7/2025
Training Valid Through

Baton Rouge, LA
Location

Ramona Smith
Director of Training

Shawn Teshker
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

 American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Peter Bakhit
has attended
Traffic Control Supervisor-LA State Specific
Training Course

9/8/2021 to 9/9/2025
Training Valid Through

Baton Rouge, LA
Location

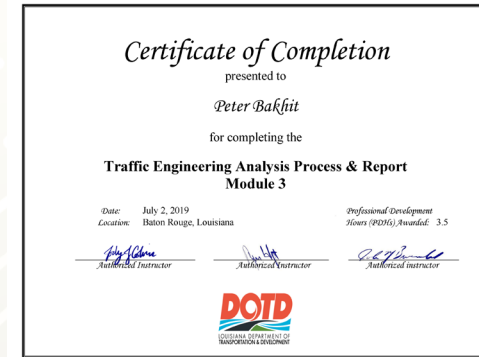
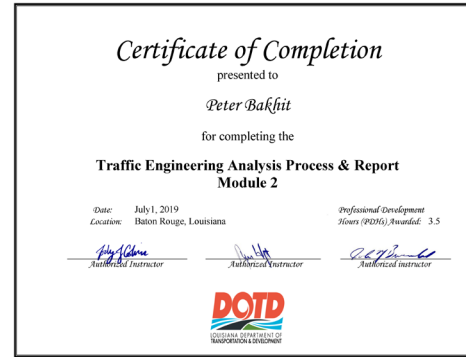
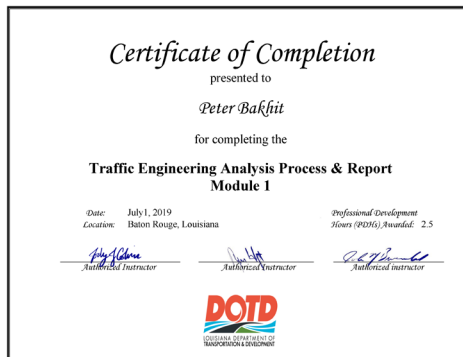
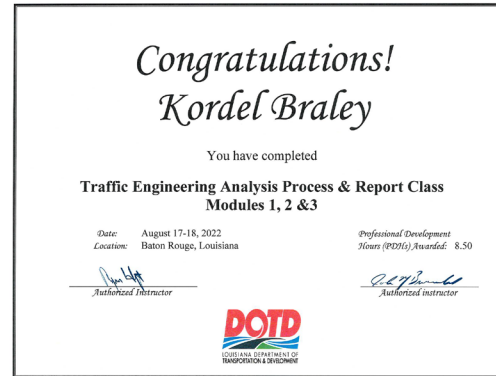
Ramona Smith
Director of Training

Shawn Teshker
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

 American Traffic Safety Services Association ATSSA.com







The Transportation Professional Certification Board

Certifies that

Dr. Peter Bakhit, P.E., PTOE

successfully renewed the Professional Traffic Operations Engineer® certification

Original Certification Date: 7/9/2024

Certification Valid Through: 7/9/2027

Jeffrey F. Paniati,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 5713



The Transportation Professional Certification Board

Certifies that

Gregory Dale Trahan, P.E., RSP1

successfully renewed the Road Safety Professional® (Level 1) certification

Original Certification Date: 3/14/2022

Certification Valid Through: 3/14/2025

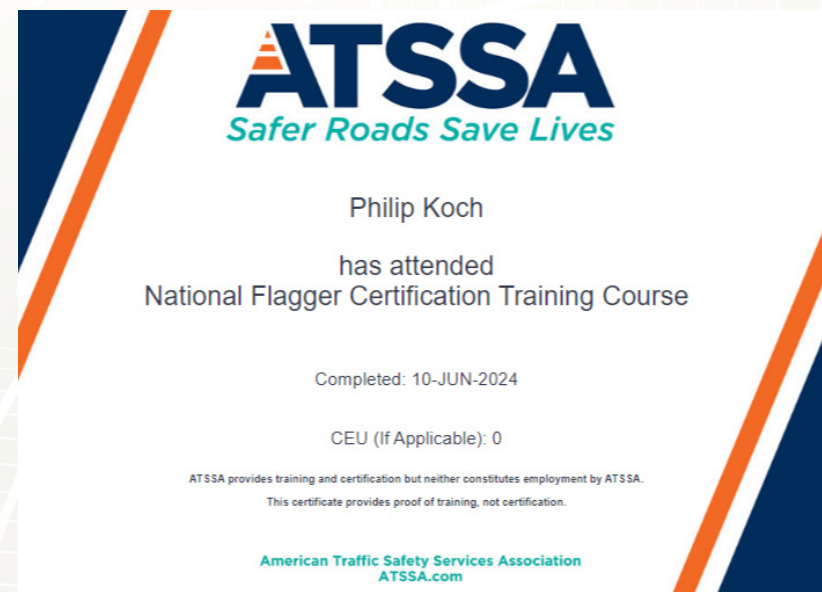
Jeffrey F. Paniati,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair


Certification Number: 833



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FORTE & TABLADA CERTIFICATIONS



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ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Bradley Scott Holleman


License/Certificate Type - Number	Expiration Date
PE.0047165	03/31/2025
Status: Active	



LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Jeremy Jude Cormier


License/Certificate Type - Number	Expiration Date
PLS.0005342	09/30/2024
Status: Active	



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(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
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Mr. Bradley Scott Holleman

License/Certificate Type - Number	Expiration Date
PLS.0005082	09/30/2024
Status: Active	

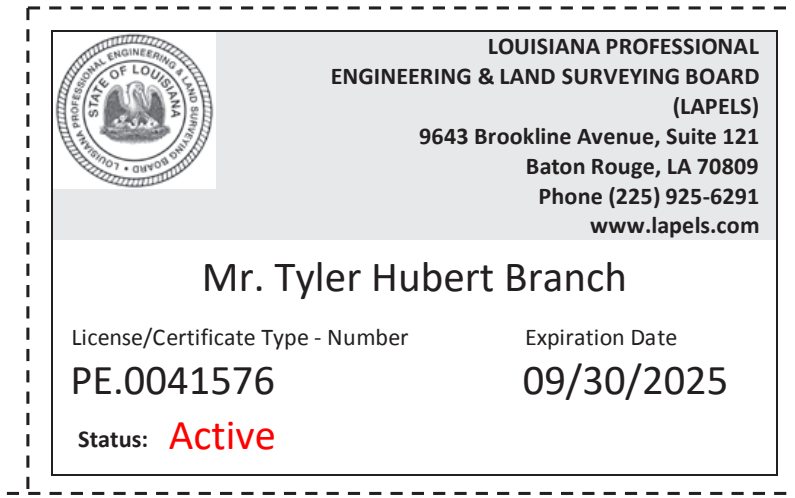


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9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
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Mr. Gerald William Middleton Jr.

License/Certificate Type - Number	Expiration Date
PLS.0004856	09/30/2025
Status: Active	

FORTE & TABLADA CERTIFICATIONS



FORTE & TABLADA CERTIFICATIONS



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ENGINEERING & LAND SURVEYING BOARD
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9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Philip Koch

License/Certificate Type - Number

PLS.0005296

Expiration Date

03/31/2025

Status: **Active**



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(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Ms. Rachel La Pearl Waldroup

License/Certificate Type - Number

PLS.0005277

Expiration Date

09/30/2024

Status: **Active**



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ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Ross Andrew Wilson

License/Certificate Type - Number

PLS.0005148


Expiration Date


03/31/2026

Status: **Active**



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Mr. Christian Stephen Schade	
License/Certificate Type - Number PE.0032483	Expiration Date 09/30/2024
Status: Active	
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
Mr. Maffitt Kimball Schlafly	
License/Certificate Type - Number PE.0027699	Expiration Date 09/30/2024
Status: Active	
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	



CERTIFICATIONS



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City of New Orleans

New Orleans Aviation Board

Hon. Michael G. Bagneris
Chairman

Doug Thornton
Vice-Chairman

Hon. Neil C. Abramson
Todd Francis
Chief Justice (Ret.) Bernette J. Johnson
Ruth Kullman
Joseph Nicolosi, Jr.
Roger H. Ogden
Gary L. Smith, Sr.

Kevin C. Dolliole
Director of Aviation

P. O. Box 20007
New Orleans, LA 70141

P: 504-303-7800
F: 504-303-7566

www.flymsy.com

February 6, 2024

Mr. Carlos Giron
Marrero Couvillon & Associates, LLC
4354 S. Sherwood Forest Blvd., Suite D200
Baton Rouge, LA 70816

Re: 2023 Annual Update

Dear Mr. Giron:

The Louis Armstrong New Orleans International Airport (LANOIA) has received your firm's Disadvantaged Business Enterprise (DBE) and Small Business Element (SBE) annual affidavit. Based on the information which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for only the following, specific service types and work categories that fall under the listed NAICS and/or DOTD Work codes:

Service(s):

ARCHITECTURE & ENGINEERING
AIRPORT CONCESSIONS
CONSTRUCTION CONTRACTORS

Area(s) of Work:

541310 - Architectural Services
541330 - Engineering Services
C02 - Mechanical Engineering
C03 - Drafting
C04 - Architectural Engineering
C05 - Structural Engineering
C07 - Electrical Engineering
C08 - Landscape Architecture
C43 - Computer Assisted Drafting
C88 - Architectural Services

Please, note, per the federal regulations, only 60% of the value of the materials provided by suppliers and 100% of a broker's fees, not the item(s) procured, may count towards goal credit. Also, note, any contractor performing electrical, mechanical and plumbing work in excess of \$10,000, and any other contractor performing work in excess of \$50,000, requires a Louisiana Contractor's License. You may contact the

DBE Office • 504.303.7611 • 504.303.7614 fax • philisti@flymsy.com

/27/23, 3:51 PM

UCP Search Results



UCP SEARCH RESULTS

New Search

Export to Excel

Contractor

Owner
Certifying Agency
Work Type

Marrero, Couvillon & Associates, LLC
4354 S. Sherwood Forest Blvd.
Baton Rouge, LA 70816
Carlos Giron

Louis Armstrong New Orleans International Airport

541330-Engineering Services
541310-Architectural Services
C02-Mechanical Engineering
C88-Architectural Services
C07-Electrical Engineering

Business Type
Minority Type
Phone
E-Mail Address
Service Type

License
FAX

Minority Business Enterprise

225-408-8249
CGIRON@MCA-LLC.COM
ARCHITECTURE SERVICES, ENGINEERING SERVICES,
AIRPORT CONCESSION

Tuesday, June 27, 2023

www8.dotd.la.gov/UCP/UCPResults.aspx

1/2






LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 7/16/2024 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Ryan Ernest Poindexter
7878 LaSalle Avenue, Apt. 22
Baton Rouge, Louisiana 70806



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Ryan Ernest Poindexter

License/Certificate Type - Number	Expiration Date
PE.0046285	03/31/2026

Status: **Active**

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

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Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 7/16/2024 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Ms. Lynne Elizabeth Roussel
15421 Campanile Court
Baton Rouge, Louisiana 70810



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Ms. Lynne Elizabeth Roussel

License/Certificate Type - Number	Expiration Date
PE.0035152	03/31/2026

Status: **Active**

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

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CERTIFICATIONS



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 9/29/2023 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Stephen Eugene Greaber
5048 Bridle Path Lane
Greenville, South Carolina 29615



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Stephen Eugene Greaber

License/Certificate Type - Number	Expiration Date
PE.0026107	09/30/2025
Status: Active	

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

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CERTIFICATIONS



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

Vectura Consulting Services LLC

is Certified-Active as a Small Entrepreneurship with
Louisiana Economic Development's Hudson Initiative.

This certification is valid from 6/18/2024 to 6/18/2025 .

Certification No. 20633


Stephanie Hartman,
Director, Entrepreneurial Services

CERTIFICATIONS

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brin Ferlito
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

4/29/2022 to 4/29/2026
Training Valid Through

Baton Rouge, LA
Location

Ramona Smith
Director of Training

Alana Teshchen
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Laurence Lambert
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

4/29/2022 to 4/29/2026
Training Valid Through

Baton Rouge, LA
Location

Ramona Smith
Director of Training

Alana Teshchen
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Reece Rodrigue
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

3/10/2023 to 3/10/2027
Training Valid Through

New Orleans, LA
Location

Donna M. Clark
Vice President of Education and Technical Services

Alana Teshchen
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

CERTIFICATIONS



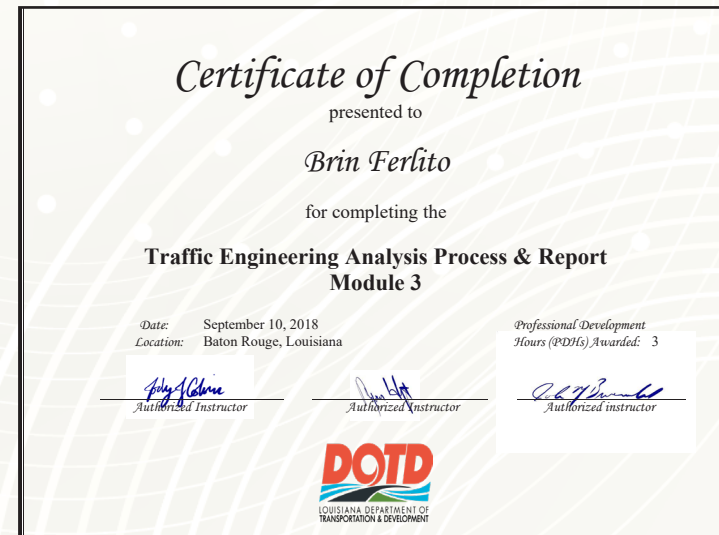
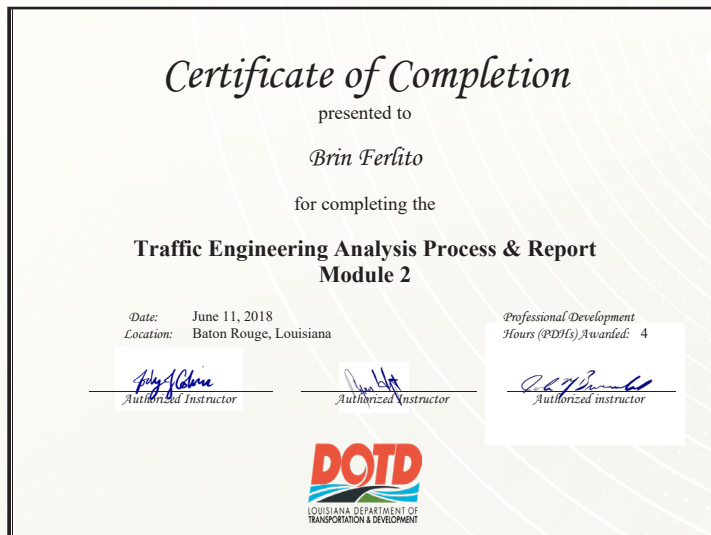
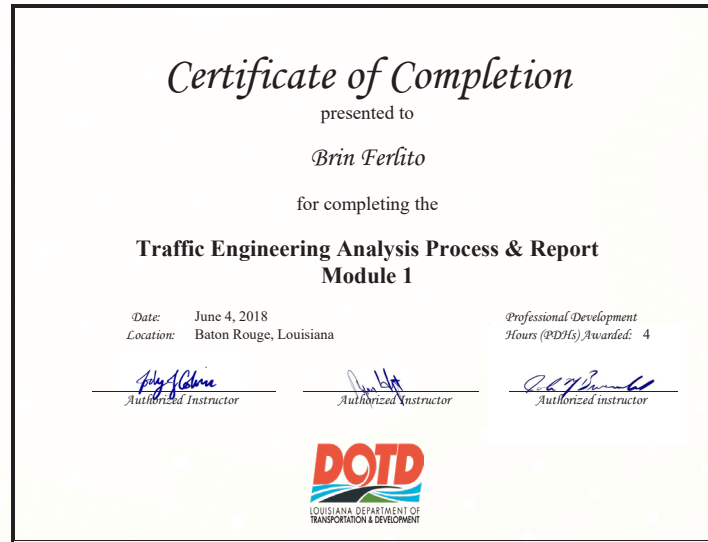
CERTIFICATIONS



CERTIFICATIONS

 American Traffic Safety Services Association <small>SAFER. ROADS. SAVE LIVES.</small>	
<p><i>This is to affirm that</i> Bridget Robicheaux</p> <p><i>has satisfied the requirements to be designated as a</i> CERTIFIED FLAGGER ATSSA</p>	
Issue Date <u>5/6/2022</u>	 <i>Lamya Smith</i> Instructor Signature
Exp. Date <u>5/5/2026</u>	
State Issued <u>LA</u>	
A1000060707 <small>Verify at Flagger.com</small>	

CERTIFICATIONS



CERTIFICATIONS

Certificate of Completion
presented to
Laurence Lambert
for completing the
**Traffic Engineering Analysis Process & Report
Module 1**

Date: July 16, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Laurence Lambert
for completing the
**Traffic Engineering Analysis Process & Report
Module 2**

Date: July 23, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Laurence Lambert
for completing the
**Traffic Engineering Analysis Process & Report
Module 3**

Date: October 15, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

CERTIFICATIONS

Certificate of Completion
presented to
Reece Rodrigue
for completing the
**Traffic Engineering Analysis Process & Report
Module 1**

Date: November 5, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Reece Rodrigue
for completing the
**Traffic Engineering Analysis Process & Report
Module 2**

Date: November 26, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Reece Rodrigue
for completing the
**Traffic Engineering Analysis Process & Report
Module 3**

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

Professional Development
Hours (PDHs) Awarded: 3

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

CERTIFICATIONS

Certificate of Completion
presented to
Bridget Robicheaux
for completing the
**Traffic Engineering Analysis Process & Report
Module 1**

Date: July 30, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2.5

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Bridget Robicheaux
for completing the
**Traffic Engineering Analysis Process & Report
Module 2**

Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Bridget Robicheaux
for completing the
**Traffic Engineering Analysis Process & Report
Module 3**

Date: October 18, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

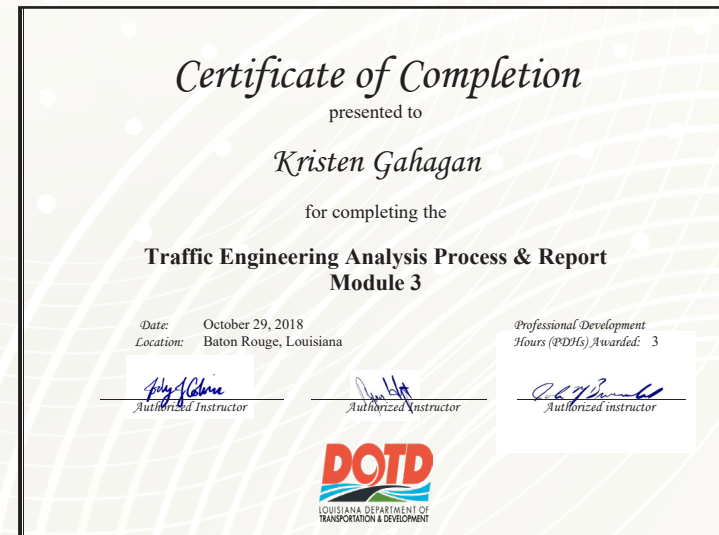
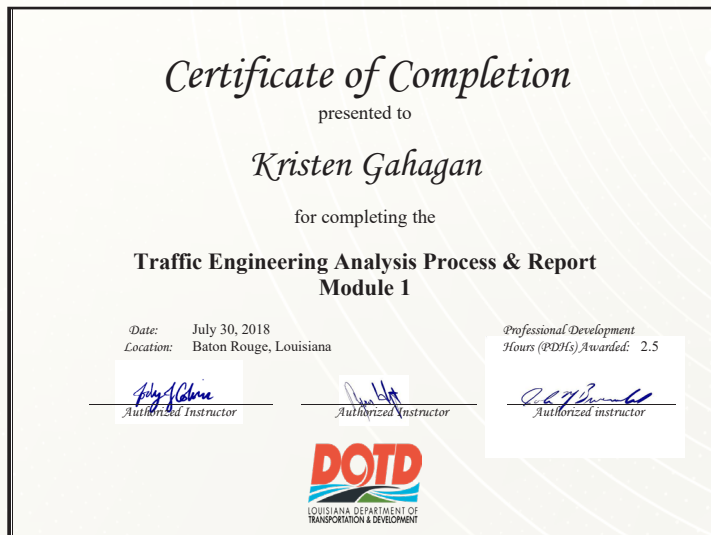
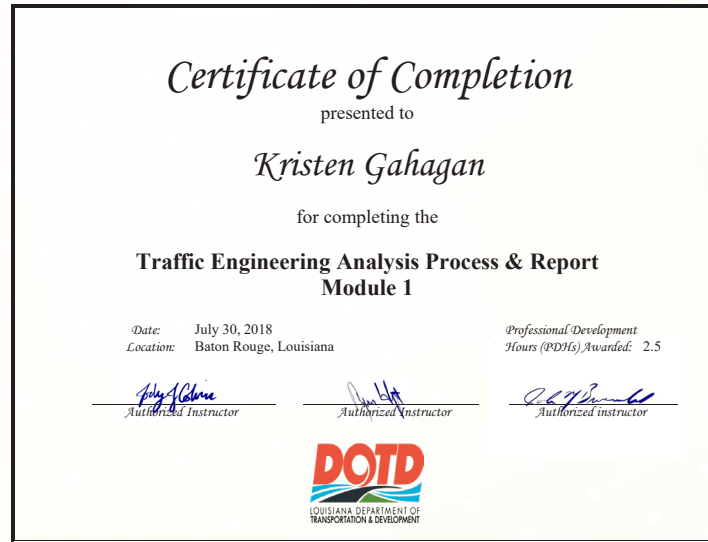
[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

CERTIFICATIONS



CERTIFICATIONS

Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org



Ms. Sheelagh B. Ferlito, P.E., PTOE
Vectura Consulting Services, LLC

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congratulates you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 9/9/2024.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within three-months of your expiration date 9/9/2024. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. <http://www.tpcb.org/PTOE/feeschedule.asp>

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstrate fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of the its certification programs through the tpcb.org website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Deborah L. Snyder, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 500 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org



Mr. Laurence L. Lambert, II, P.E., PTOE, PTP
Vectura Consulting Services, LLC
PO Box 14269
Baton Rouge, LA 70898-4269 USA

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congratulates you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 2/3/2025.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within **three-months** of your expiration date 2/3/2025. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. <http://www.tpcb.org/PTOE/feeschedule.asp>

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstrate fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of the its certification programs through the tpcb.org website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,



Deborah L. Snyder, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

CERTIFICATIONS

Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 550 • Washington, DC 20006 USA • Tel: 202-785-0060 • www.tpcb.org



Mrs. Bridget S. Robicheaux, P.E., PTOE
6410 Louis XIV Street
New Orleans, LA 70124
USA

Dear Mrs. Robicheaux,

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 3/26/2026.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Joseph C. Balskus, P.E., PTOE, RSP1
Chair, Transportation Professional Certification Board Inc.

Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 550 • Washington, DC 20006 USA • Tel: 202-785-0060 • www.tpcb.org



Mrs. Kristen Gahagan Farrington, P.E., PTOE, RSP1
4004 Hastings Street
Metairie, LA 70002
USA

Dear Mrs. Farrington,

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 3/26/2026.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Joseph C. Balskus, P.E., PTOE, RSP1
Chair, Transportation Professional Certification Board Inc.

Sections 21-23

Engineering News-Record Magazine 2024 Ranking

AECOM has been ranked in the top two among *Engineering News-Record* magazine's Top 500 Design Firms since 2010 and No. 1 in Transportation since 2001.



ENR2024

TOP 500
TRANSPORTATION

- 1 Transportation
- 1 Airports
- 1 Highways
- 1 Mass Transit and Rail
- 3 Bridges
- 3 Marine and Port Facilities

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.

(This page intentionally left blank, as instructed per the RFP)

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
Forte and Tablada, Inc.	9107 Interline Avenue Baton Rouge, LA 70809	Russell J. "Joey" Coco, Jr., P.E. jcoco@forteandtablada.com	225.927.9321
Marrero, Couvillon & Associates, L.L.C.	2644 S. Sherwood Forest Blvd., Suite 200 Baton Rouge, LA 70816	Jennifer Glynn jglynn@mca-llc.com	225.408.8249
Terracon Consultants, Inc.	2822 O'Neal Lane, Building B Baton Rouge, LA 70816	Lynne Roussel, P.E. Lynne.Roussel@terracon.com	225.344.6053 225.239.2632 (Direct)
Vectura Consulting Services, LLC	4467 Bluebonnet Blvd, Suite A, Baton Rouge, LA 70809	Sheelagh Brin Ferlito bferlito@vecturacs.com	225.223.6685

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.

(This page intentionally left blank, as instructed per the RFP)

About AECOM

AECOM is the world's trusted infrastructure consulting firm, delivering professional services throughout the project lifecycle – from advisory, planning, design and engineering to program and construction management. On projects spanning transportation, buildings, water, new energy, and the environment, our public- and private-sector clients trust us to solve their most complex challenges. Our teams are driven by a common purpose to deliver a better world through our unrivaled technical and digital expertise, a culture of equity, diversity and inclusion, and a commitment to environmental, social and governance priorities. AECOM is a Fortune 500 firm and its Professional Services business had revenue of \$14.4 billion in fiscal year 2023. See how we are delivering sustainable legacies for generations to come at aecom.com and [@AECOM](https://twitter.com/AECOM).