

PROPOSAL FOR ENGINEERING AND RELATED SERVICES

IDIQ Contracts for Bridge Maintenance Preservation and Repair Statewide

CONTRACT NO. 4400035210

May 21, 2026

Submitted to:
Louisiana Department of Transportation and Development

Submitted by:
AECOM Technical Services, Inc.

May 21, 2026

Louisiana Department of Transportation and Development (DOTD)
Attn: Mr. Bradley Mistich, Contract Manager (CM)

AECOM

8555 United Plaza Blvd., Suite 300
Baton Rouge, LA 70809

RE: CONTRACT NO. 4400035210, IDIQ CONTRACT FOR BRIDGE MAINTENANCE PRESERVATION AND REPAIR STATEWIDE

Dear Mr. Bradley Mistich and Members of the Project Evaluation Team:

AECOM Technical Services, Inc. (AECOM) understands DOTD's need for a responsive, bridge-focused partner that can move quickly from inspection findings and asset data to practical preservation, repair, and rehabilitation solutions. Through our current DOTD bridge preservation, inspection, emergency repair, movable bridge rehabilitation, and asset management experience, we understand the importance of extending bridge service life, prioritizing limited maintenance dollars, and delivering task orders efficiently without sacrificing quality. AECOM offers the Louisiana leadership, bridge preservation experience, asset management expertise, and technical depth needed to help DOTD extend service life, prioritize investments, and deliver practical bridge preservation and repair solutions statewide. The following attributes highlight the benefits we bring to this IDIQ contract:

ASSET MANAGEMENT AND PRIORITIZATION EXPERTISE. AECOM brings national experience through the Colorado Bridge Enterprise Asset Management and Illinois Tollway Asset Management programs, allowing our team to translate inspection data, field findings, historical records, and lifecycle considerations into clear preservation, rehabilitation, or replacement recommendations. Our approach helps agencies move from condition assessment to actionable work plans by identifying deficiencies, prioritizing needs based on risk and service life, evaluating lifecycle costs, and aligning recommended improvements with available funding. This gives DOTD a defensible framework for making maintenance and preservation decisions across a statewide bridge inventory.

PROVEN DOTD BRIDGE PRESERVATION AND REPAIR LEADERSHIP. Our team is led by professionals already delivering bridge preservation, inspection, repair, rehabilitation, and asset management services for DOTD. **Project Manager Daniel Boyd, PE** and **Deputy Project Manager Gary Maji, PE** bring direct DOTD bridge preservation management and design experience through AECOM's ongoing Bridge Preventative Maintenance IDIQ and DOTD's Movable Bridge and Complex Bridge Inspection contracts. Their experience includes field inspections, load ratings, repair plan development, bridge design, rehabilitation scoping, post-design construction support services, and DOTD coordination.

DIRECTLY RELEVANT BRIDGE EXPERIENCE. AECOM's qualifications align closely with the scope of work presented in this IDIQ. Our relevant experience DOTD's Bridge Preventative Maintenance Services, Complex Bridge Inspection and Movable Bridge IDIQ contracts, along with numerous State DOT On-Call Bridge Maintenance contracts. This background gives DOTD a team that understands both planned preservation and urgent repair needs. Just as important, it provides the capacity to support multiple active task orders at once, with scalable bridge design, inspection, asset management, load rating, repair, scour, MOT, and construction support resources available to respond quickly without delaying delivery.

RESPONSIVE TASK ORDER DELIVERY. AECOM understands that DOTD may have multiple task orders active at once. Our approach provides responsive task order scoping, right-sized staffing, proactive schedule and budget tracking, and structured QA/QC. With 800+ bridge professionals across AECOM and Huval offices nationwide, our team brings comprehensive, efficient and, cost-effective solutions that will extend the life of Louisiana's bridge assets.

A PROVEN TEAM. We have assembled a team of trusted, DOTD-experienced subconsultant partners that deepen our design bench in support of this DOTD Bridge Maintenance Preservation and Repair IDIQ Contract. Our consultant partners and their roles are noted below:

- **Huval & Associates, Inc.** is one of the largest Louisiana-based firms. They specialize in complex bridge design, rehabilitation and repair for DOTD's most challenging projects.
- **Bridge Diagnostics, Inc.** are leading experts and focused on structural non-destructive testing / evaluation, load testing, monitoring, and evaluation services.
- **Ardaman and Associates, Inc.** will perform required geotechnical services, including shallow and deep soil borings, soil analysis, settlement determinations, and other construction-related analyses.
- **T. Baker Smith, LLC** is a multidisciplinary design firm specializing in topographic survey and subsurface utility engineering investigations.
- **Vectura Consulting Services, LLC** is a DBE firm specializing in transportation planning, traffic engineering, and MOT design solutions.
- **ELOS Environmental, LLC** will preform environmental planning, permitting, cultural resources, and regulatory compliance.

The AECOM team is committed to delivering quality services for DOTD's Bridge Maintenance Preservation and Repair IDIQ Contract, while meeting the contract challenges and exceeding DOTD's requirements. If you have any questions, please contact me directly at 225-328-5076 or daniel.boyd1@aecom.com.

Sincerely,

AECOM Technical Services, Inc.



Daniel Boyd, PE
Project Manager
T: 225-328-5076
E: daniel.boyd1@aecom.com



Jonathan McDowell, PE
Associate Vice President / Sr. Project Manager
T: 504.450-9904
E: jonathan.mcdowell@aecom.com

“As Contract and Project Manager, I will continue to serve as the point of contact for this contract. I currently serve as AECOM's Louisiana Bridge Leader and Deputy Project Manager for AECOM's DOTD Bridge Preventative Maintenance IDIQ. I bring 20 years of bridge and structural design and IDIQ preservation experience and am 100% committed to supporting this important DOTD bridge IDIQ contract. I will have the full support of the AECOM team to deliver quality designs and responsive task order support for DOTD's Bridge Maintenance Preservation and Repair Statewide IDIQ Contract.”



In-depth NBIS inspection of Complex Bridges, DOTD

Relevance to DOTD Bridge Maintenance

Preservation and Repair IDIQ: Bridge
Inspection, Condition Assessment/Load Rating,
Preventative Maintenance and Repair



Bridge 040431 -
US 80 over KCS RR



Bridge 033730 - LA 82
over Superior Canal



Bridge 059482 - LA 22
over Tchefuncte River

Sections

1-13

DOTD FORM: 24-102

(Revised August 11, 2025)

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	IDIQ Contract for Bridge Maintenance Preservation and Repair Statewide
2. Contract Number(s) as shown in the advertisement	4400035210
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	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.002331
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	Daniel Boyd, PE Project Manager 225-328-5076 daniel.boyd1@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 / Senior Project Manager 504.450.9904 jonathan.mcdowell@aecom.com

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

Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

Signature
(shall be the same person listed in Section 9)



Date: May 21, 2026

N/A

12. DISCIPLINE TABLE

Discipline(s)	% of Overall Contract	AECOM Technical Services, Inc.	Huval & Associates, Inc.	T. Baker Smith, LLC	Ardaman & Associates, Inc.	ELOS Environmental, LLC	Vectura Consulting Services, LLC	Bridge Diagnostics, Inc.	Totals
Road	15.00%	100.00%							100%
Bridge	66.50%	68.00%	30.50%					1.50%	100%
Traffic	5.00%	60.00%					40.00%		100%
Geotech	3.00%				100.00%				100%
Survey	5.00%			100.00%					100%
Environmental	3.00%					100.00%			100%
Other - SUE Services	2.50%			100.00%					100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.									
Percent of Contract	100.00%	63.22%	20.28%	7.50%	3.00%	3.00%	2.00%	1.00%	

13. FIRM SIZE

Firm Name	DOTD Job Classification	Number of Personnel Committed to this Contract	Total number of personnel available in this DOTD Job Classification (if needed)
AECOM Technical Services, Inc.	Principal	1	2
	Supervisor-Eng	5	10
	Supervisor-Other	2	8
	Engineer	9	16
	Engineer Intern	4	10
	Engineer-Other	4	12
	Environmental Manager	1	5
	Biologist/Wetlands	1	3
	Historian	1	5
	Administrative	1	5
	Senior Technician	3	10
Huval & Associates, Inc.	Principal	1	1
	Supervisor - Eng	2	5
	Engineer	6	20
	Engineer Intern	3	5
	Senior Technician	1	1
	Technician	1	1
	CADD Technician	2	4
	CADD Drafter	2	4
T. Baker Smith, LLC	Engineer	1	10
	Senior Technician	2	4
	Surveyor	2	4
	Party Chief	2	4
Vectura Consulting Services, LLC	Supervisor - Eng	2	2
	Engineer	3	5
	Engineer Intern	2	2
	Inspector	0	2
	Supervisor – Other	1	1
	Clerical	1	1
ELOS Environmental, LLC	Environmental Manager	2	5
	Environmental Pro	3	10
	Inspector	1	1
	Archaeologist	1	2

13. FIRM SIZE CONT.

Firm Name	DOTD Job Classification	Number of Personnel Committed to this Contract	Total number of personnel available in this DOTD Job Classification (if needed)
Ardaman & Associates, Inc.	Administrative	1	1
	CADD Technician	2	2
	Clerical	1	2
	Engineer	1	6
	Engineer Intern	3	6
	Principal	2	3
	Senior Technician	8	9
	Supervisor - Eng	3	3
	Supervisor - Other	3	4
	Technician	11	15
Bridge Diagnostics, Inc.	Accountant	2	3
	Administrative	1	1
	Clerical	2	2
	Computer Analyst	3	3
	Engineer Aide	3	3
	Engineer Intern	3	8
	Engineer	3	3
	Engineer Other	3	7
	Principal	1	2
	Professional	2	4
	Senior Technician	4	4
	Supervisor - Eng	2	2
	Supervisor - Other	4	12
	Technician	3	5

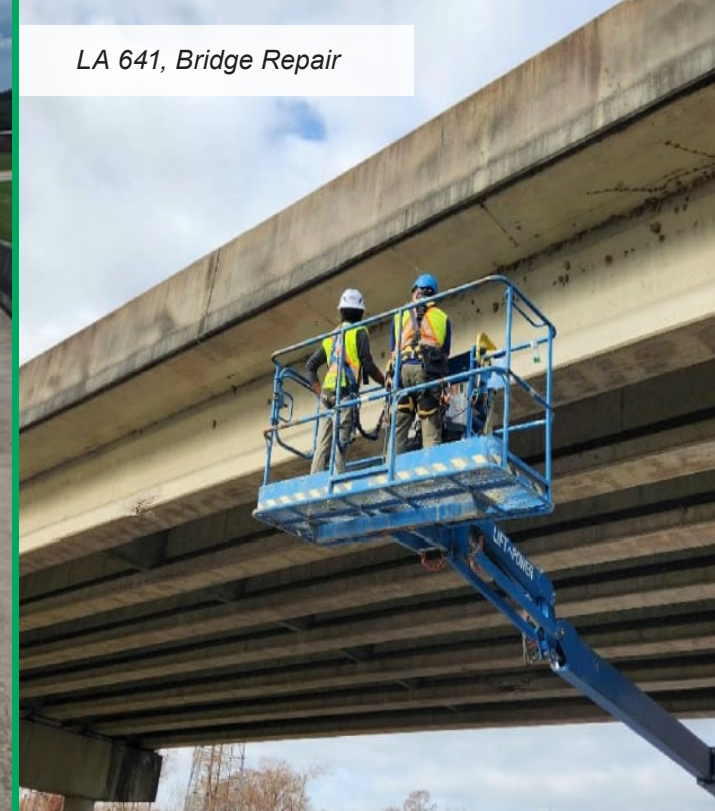
IDIQ Contract for Bridge Preventative Maintenance, DOTD

**Relevance to DOTD Bridge
Maintenance Preservation
and Repair IDIQ:** Bridge
Rehabilitation, Repair and
Design

LA 3032, Bridge Resurfacing



LA 641, Bridge Repair



LA 561, Bridge Replacement



LA 6, Bridge Rehabilitation

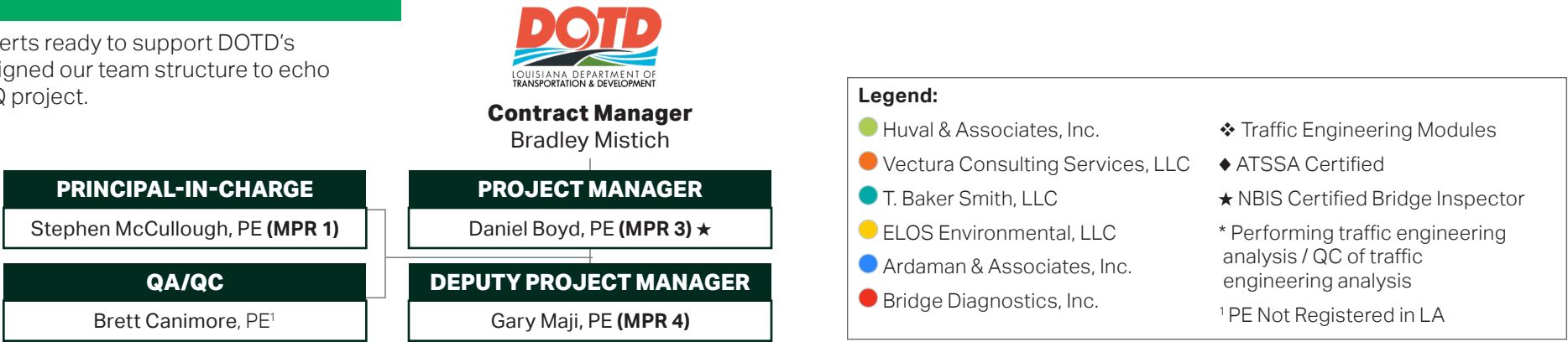


Sections

14-16

14. ORGANIZATIONAL CHART

AECOM has assembled a team of experts ready to support DOTD's Bridge Maintenance team. We have aligned our team structure to echo the DOTD's scope of work for this IDIQ project.



15. MINIMUM PERSONNEL REQUIREMENTS

MPR No. <i>Do not insert wording from ad</i>	Personnel being used to meet the MPR <i>(Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)</i>	Firm employed by	Type of license and discipline meeting MPR/ certification & number	State of license	License/certification expiration date
1.	Stephen McCullough, PE	AECOM	PE / Civil / PE.0050503	LA	03-31-2028
2.	Jonathan McDowell, PE	AECOM	PE / Civil / PE.0030508	LA	03-31-2027
3.	Daniel Boyd, PE	AECOM	PE / Civil / PE.0036728	LA	03-31-2028
4.	Gary Maji, PE	AECOM	PE / Civil / PE.0043044	LA	03-31-2027

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Stephen McCullough, PE Title: VP, Deputy Division Lead		Years of relevant experience with this employer	16
		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		ME / 2010 / Structural Engineering; BS / 2006 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.0050503 / LA / 03-31-2028 Additional active licenses in AR, TX	
Year Registered		2011	Discipline Civil Engineer
Contract Role(s) / Brief Description of Responsibilities		MPR 1; Principal-in-Charge. Stephen will provide executive oversight, technical guidance, and QA/QC leadership for DOTD task orders involving structure asset maintenance planning, bridge preservation project development, and post-design construction support. He will support the Project Manager in confirming the right staff are assigned to each task order, monitoring delivery quality, resolving technical issues, and maintaining responsiveness to DOTD.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
01/18 – 06/18	DOTD, Red River Bridge at Jimmie Davis Highway, Bossier and Caddo Parishes, LA. Structural Engineer. Performed structural evaluation of bridge superstructure alternatives over the Red River, including steel stringers, transverse floor beams, bridge slab, substructure, and deep foundations. Completed structural analysis and cost estimates to support DOTD decision-making. Relevant to structure evaluation, preservation or replacement recommendations, and planning-level cost estimating.		
09/23 – Ongoing	TxDOT, I-35 NEX Design-Build Project, San Antonio, TX. Lead Verifier. Led bridge and retaining wall verification for a 4.5-mile corridor expansion with elevated lanes, direct connectors, and 300+ prestressed concrete girder spans. Managed structural QA/QC workflows and directed a 10–15-person verification team. Relevant to quality oversight, technical review, and delivery of multiple concurrent task orders.		
12/21 – Ongoing	TxDOT, Southeast Connector Design-Build Project, Fort Worth, TX. Structural Discipline Lead / Engineer of Record. Led structural delivery and coordinated more than 120 structural engineering and CADD staff for bridges, widenings, creek crossings, railroad overpasses, foundations, and complex staging. Coordinated with the contractor, owner, and railroad reviewers to support constructible plan development. Relevant to bridge preservation design, MOT/staging, constructability, and post-design support.		
12/19 – Ongoing	TxDOT, LBJ East Design-Build Project, Dallas, TX. Structural Discipline Lead / Engineer of Record. Led structural design for 61 bridges and coordinated 18 structural teams across multiple locations. Scope included direct connectors, bridge widenings, viaducts, creek crossings, steel and prestressed girders, reinforced concrete substructures, and foundations. Relevant to principal-level oversight, interdisciplinary coordination, constructability, and QA/QC.		
01/17 – 12/17	MDOT, SR 57 Red Creek Bridge Replacement, Perkinston, MS. Structural Designer. Led substructure and foundation design for a 472-foot spliced girder bridge over Red Creek, including cast-in-place abutments, bent caps, H-piles, and drilled shafts. Addressed challenging foundation conditions and developed practical structural solutions. Relevant to structural assessment and constructible bridge repair or replacement recommendations.		

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Jonathan McDowell, PE Title: Associate Vice President / Sr. Project Manager		Years of relevant experience with this employer	23
		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 / 03-31-2027; PE.18686 / MS / 12-23-26; PE.19772 / AR / 12-31-26; ATSSA Traffic Control Supervisor–LA State Specific (2023); DOTD Traffic Process and Report Parts 1, 2 and 3 (2018); NEPA and Transportation Decision Making (2011; AASHTO Highway Safety Manual (2013)		
Year Registered	LA PE: 2003; MS PE: 2008; AR PE: 2020	Discipline	Civil Engineer
Contract Role(s) / Brief Description of Responsibilities	MPR 2; Roadway Design Task Lead; MOT / Construction Phasing; Cost Estimating/Project Specifications; RFIs / Clarifications. Jonathan will play a lead role in roadway design, benefitting from over 23 years' experience as a Project Engineer and Project Manager for a wide variety of transportation and public infrastructure projects, including the development and review of signing plans. His roles have included feasibility planning, NEPA Environmental studies, design, contract administration, and construction engineering and inspection for all modes of transportation projects. Through his experience, he understands the project delivery process required to bring a transportation project from an idea to a built reality. His computer skills include AutoCAD Land Development Desktop, Civil3D, Microstation, Inroads, MS Office, MS Project, HECRAS, STAAD, ArcView, and various other design software platforms.		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
04/25-Ongoing	DOTD Bridge Preventative Maintenance IDIQ (Bridge Bundle), Statewide. Project Manager responsible for design services for the replacement of (11) bridges in central and southeastern LA within Districts 08, 61, and 62. The (11) bridge replacements were bundled into (4) construction packages and delivered using a staggered preliminary and final design scheduling approach. With the goal of delivering the four (4) bundled construction packages within a 9 to 10 month duration, Jonathan identified multiple design teams and led roadway tasks for each project to manage and expedite the design development for each bundled package.		
05/13-07/15	DOTD (H.001779), Red River Bridge at Jimmie Davis Highway (LA 511) Environmental Assessment, Bossier and Caddo Parishes, LA. Lead Roadway Design Engineer to design geometric layout alternatives to improve the capacity and accommodate pedestrian and bicycle access for the bridge crossing of the Red River along Jimmie Davis Highway. Tasks included the development of the purpose and need statement, the project design criteria, and the line and grade alternatives of the bridge, interchange ramps on each side of the bridge, and roadway approaches. Developed a median U-turn concept (super street) for LA 511.		
07/23-Ongoing	DOTD (H.001970), LA 561 Boeuf River Bridge near Hebert, Caldwell & Richland Parishes, LA. Road Design Lead Engineer for the replacement of a truss bridge with a new precast girder bridge along the same alignment. Designed line and grade for updated hydraulic design criteria and reduce right-of-way acquisition. Designed line and grade for a gravel local road to serve adjacent residences. Assisted with drainage design and utilities coordination. Developed sequence of construction plans.		

11/04-12/07	DOTD (State Highway Project No. 700-92-0016), Florida Avenue Bridge over IHNC, New Orleans, LA. Deputy Project Manager and Project Engineer. Responsible for the geometric design of a high-level bridge with 158 ft vertical clearance and associated interchange ramps and approach roadways. Coordinated with utility companies and railroad agency for proposed relocations of a 48" water main, a 54" sewer force main, a 72" sewer force main, an electrical duct bank, a temporary railroad relocation, and several other utilities that were affected by the construction of the bridge. Proposed modifications to the site layout and parking area for an operator house associated with the existing adjacent draw bridge and a drainage pump station located under the proposed bridge. Prepared cost estimates for the main span and approach bid packages. Assisted in PM duties.
10/20-Ongoing	City of Baton Rouge / Parish of East Baton Rouge, College Drive Improvements (Perkins Road to Bawell), Baton Rouge, LA. Project Manager and Task Manager. Responsible for the Urban Road Design and Complete Streets improvements to College Drive. The project include 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. Developed line and grade for road relocations and extension, performed line and grade study for alternative to modify the interstate ramps. Supporting real estate acquisition and utility relocation processes.
09/17-12/23	State Project No. BA-0153: Mid Barataria Sediment Diversion, Coastal Restoration and Protection Authority of the State of Louisiana, Plaquemines Parish, LA. Task Manager and Lead Engineer. Responsible for the relocation of LA 23 and the NOGC Railroad tracks across the proposed sediment diversion. Developed line and grade for the highway relocation and the rail crossing. Supported the drainage design and utilities relocations tasks. The railroad bridge crossing of the diversion channel which will feature a moveable span bridge, 10,000 feet of new railroad track, and a railyard to support construction. The highway improvements will include a 2,300-foot-long precast LG girder bridge that will carry two lanes in each direction with shoulders. Roadway improvements include converting the existing southbound lanes for access roads on each side of the diversion channel and a relocated alignment of the rural divided highway to provide for better horizontal geometry on the bridge structure.
02/07-11/09	City of Baton Rouge / Parish of East Baton Rouge, Siegen Lane Improvements (Highland Road to Perkins Road), Baton Rouge, LA. Project Manager and Road Task Manager for the design of corridor improvements to Siegen Lane to upgrade the two lane suburban road to a four lane urban boulevard. Performed road line and grade, developed 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.
05/13-07/15	New Orleans Regional Transit Authority, Loyola / Rampart Streetcar Rail Expansion, New Orleans LA. Project Manager and Road Infrastructure Task Leader to prepare two sets of contract plans and specifications on an accelerated schedule to reconfigure the streetscape to include streetcar tracks in a shared traffic lane. Designed the roadway typical section in accordance with the City of New Orleans Complete Streets Ordinance. Led utility coordination effort and test hole program to locate all underground utilities to resolve utility conflicts. Led the road design, MOT during construction. Performed construction support services.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Daniel Boyd, PE Title: Louisiana Bridge Practice Leader / Project Manager		Years of relevant experience with this employer	7
		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		BS / 2006 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.0036728 / LA / 03-31-2028; PE.133235 / TX / 12-31-26; PE.26117 / MS / 12-31-2027	
Year Registered		2011	Discipline Civil Engineer
Contract Role(s) / Brief Description of Responsibilities		MPR 3; Project Manager; Bridge Design Task Lead; Cost Estimating/Project Specifications; RFI's / Clarifications. Daniel has nearly 20 years of structural engineering experience in the transportation industry, specializing in bridge design and structural discipline management. His DOTD work includes serving as Project Manager for the ongoing US 190: Opelousas Overpasses project, Deputy Project Manager on the Bridge Preservation IDIQ and Movable Bridge Inspection projects, and inspector on Complex Bridge Inspection IDIQ. His technical experience encompasses design of bridges crossing navigable waterways, steel girder design, precast/prestressed concrete girder design, structural steel design, structural concrete design, retaining walls, and drilled shaft and driven pile foundations design. Daniel has also completed DOTD's Historic Bridge Training and is an NHI certified bridge inspector. He has a thorough working knowledge of AASHTO and Louisiana DOTD Standards, and through his project experience, understands the project delivery process required to guide a transportation project from an idea to a constructed reality.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
02/23-Ongoing	DOTD, Bridge Preventative Maintenance IDIQ, Statewide, LA. Deputy Project Manager. Served as a Deputy Project Manager and structural task manager for multiple Task Orders as part of AECOM's ongoing Bridge Preservation IDIQ contract. Engineer of Record in Responsible Charge for final bridge design of a replacement bridge structure project (H.015603) for LA 10 Bridge over Bayou Carron, providing design and calculations, as well as oversight and discipline coordination, for the entirety of the structural scope of the project. For LA 561 Bridge over Boeuf River (H.001970), provided preliminary bridge and foundation design, discipline coordination, and coordination with DOTD. Engineer of Record in Responsible Charge for LA 641 Bridge over I-10 (H.015603), performed bridge inspection services, load ratings, and bridge repair details and calculations to mitigate damage by equipment impact to the bridge.		
05/25-Ongoing	DOTD, Movable Bridge Rehabilitation Contract #1, Orleans, Cameron, Iberia, Terrebonne, and St. Tammany Parishes, LA. Deputy Project Manager and Structural Discipline Leader for Fixed Spans. Team lead for inspections of fixed spans, developing site work safety plans for each of the five bridges, review of inspection reports prior to submittal, and coordination with load rating team members on all five bridges. Coordinating with other disciplines to develop scopes of work, cost estimates, and schedules for repair and rehabilitation for each of the five bridges. Completed DOTD's Historic Bridge Training as required for this project.		
04/25-Ongoing	DOTD, US 190: UPRR Overpass Near Opelousas, St. Landry Parish, LA. Project Manager and Structures Discipline Leader in Responsible Charge for this multi-discipline project that is currently providing preliminary and final design services for resurfacing and/or reconstruction and widening US 190 east of the I-49/US 190 Interchange near Opelousas, LA. This project includes bridge replacements over Little Teche Bayou and UPRR and retaining walls near the UPRR tracks, roadway design, supplemental design survey, and bridge hydraulic design and analysis. Extensive railroad coordination will be required for the bridge replacements crossing the UPRR tracks. This coordination is currently in progress with DOTD's Rail Coordinator, Shawn Luke.		

07/25-Ongoing	DOTD, IDIQ Contract for In-Depth Bridge Inspection, Statewide, LA. Structural Inspector. Performed emergency inspection of the Bayou Dularge Bascule Bridge (H.009730.5) following DOTD observations of bascule rocking during bridge operation. Worked closely with team to develop repair plans and provide construction coordination. Also participated in multiple routine structural inspections and weathering steel patina inspections.
01/20-Ongoing	TxDOT, LBJ East Design-Build Project, Dallas, TX. Structural Task Leader / Engineer of Record in Responsible Charge (01/2020 – 02/2021) for the design of Ancillary 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 drilled shaft foundations for each structure. Serving as the bridge structural task leader in Responsible Charge (03/2022 – present) during Design Services During Construction (DSDC) phase serving as Engineer of Record on drawing and/or calculation revisions, answering RFI's, developing solutions to field/construction issues, etc. Requires extensive coordination with other disciplines and the construction contractor to provide timely, efficient solutions to maintain construction schedules.
10/20-04/25	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 (OSCO) phase to answer RFI's, resolve field issues, review shop drawings, and perform calculations necessary for changes made during construction. Task leader in Responsible Charge and EOR for the final as-built Load Ratings for all new bridges on the project (03/24 – 06/24).
03/21-06/24	TxDOT, Oak Hill Parkway, Austin, TX. Design Engineer. Design engineer for one bridge package, providing analysis and design for multiple substructures and drilled shaft foundations, Independent Design Check (IDC) engineer for the design of three prestressed bridge packages, and IDC engineer for all Overhead Sign Structures and Toll Gantry 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 DSDC phase to answer RFI's, resolve field issues, and review shop drawings. Provided layout, design, and calculations necessary for Retaining Walls and drilled shaft foundations that were modified during DSDC phase. Task leader and EOR for the final as-built Load Ratings for all new bridges on the project.
04/20 - 11/20	Port of Gulfport, Port of Gulfport Connector, Gulfport, MS. Deputy Project Manager and Structures Discipline Leader in Responsible Charge for preliminary structural design. The project performed a preliminary layout and design for a new bridge structure to carry 30th Ave. across Hwy. 90 to provide direct trucking and heavy haul access to the Port of Gulfport. Performed geometric layout, preliminary structural design for prestressed concrete girders and steel plate girder superstructures, and preliminary substructure design for the new bridge.
04/21 - 09/23	City of Austin, William Cannon RR Overpass, Austin, TX. Structures Discipline Leader in Responsible Charge . Provided engineering design to support the rehabilitation and preservation of the existing William Cannon RR Overpass bridge. Structural scope included retaining wall repair utilizing soil nails to stabilize existing wall movement, barrier and sidewalk moment slab reconstruction, bridge joint repair, and new fencing on the bridge meeting RR specifications.
10/06 - 08/11	DOTD, US 71/165 Fort Buhlow Bridge/KCS Railroad Overpass, Alexandria, LA. Structural Design Engineer. Performed design of 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.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Gary Maji, PE Title: Vice President, Sr. Project Manager		Years of relevant experience with this employer	27
		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 / 03-31-2027 Additional active licenses in CO, UT	
Year Registered		2018	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		MPR 4; Deputy Project Manager; Cost Estimating/Project Specifications; Bridge Preservation. Gary will support Daniel Boyd, PE in task order scoping, staffing, schedule and budget tracking, DOTD coordination, and QA/QC. His management and design experience includes bridge repair plans, superstructure inspection, load rating, rehabilitation alternatives, steel and concrete girder bridge design, railroad coordination, utility coordination, environmental coordination, cost estimating, and preparation of bridge plans and special provisions. His current DOTD project management experience on LA 641 over I-10, LA 561 over Boeuf River, Grand Ecore Bridge Rehabilitation Study, and I-49 Connector makes him directly relevant to this IDIQ's focus on structure asset management, preservation project development, and post-design support.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
01/25 – Ongoing	DOTD, LA 641 Bridge over I-10, Gramercy, LA. Project Manager. Gary provided project management for the site assessment, superstructure inspection, bridge load rating, and repair plan development for this 1,584-foot, multi-span pretensioned concrete girder bridge. The work was initiated after an over-height equipment trailer impacted a portion of the bridge over the westbound I-10 travel lanes. Gary is leading the technical effort to document damage, evaluate load-carrying capacity, develop girder repair plans, improve the bridge load rating, and extend the structure's service life. This experience is directly relevant to this IDIQ's anticipated needs for emergency response, condition assessment, load rating, repair recommendations, preservation design, and cost-effective service life extension.		
02/23 – 10/24	DOTD, LA 561 Bridge over Boeuf River, Hebert, LA. Project Manager. Gary provided project management preliminary and final roadway and bridge design for replacement of an existing three-span truss bridge over the Boeuf River in Richland and Caldwell Parishes. He coordinated closely with the DOTD project manager and district staff to advance the replacement of a structurally deficient bridge and develop a practical bridge solution. Bridge design efforts included a pretensioned girder alternative supported on structural bearings, concrete pile bents, and pile-supported abutment footings. This experience is relevant to structure evaluation, bridge replacement planning, alternatives development, DOTD coordination, and preservation-versus-replacement decision-making.		
07/25 – Ongoing	DOTD, Grand Ecore Bridge Rehabilitation Study, Grand Ecore, LA. Project Manager. Gary serves as Project Manager for the development and evaluation of rehabilitation alternatives for the LA 6 bridge over the Red River. The existing structure is approximately 1,875 feet long with main spans up to 375 feet. Gary is helping guide the evaluation of superstructure and substructure rehabilitation alternatives based on initial cost, durability, constructability, traffic impacts, and long-term performance. This experience is directly relevant to this IDIQ's focus on lifecycle-based rehabilitation planning, preservation recommendations, planning-level cost comparisons, constructability review, and development of practical bridge improvement strategies.		

16. STAFF EXPERIENCE | GARY MAJI, PE CONTINUED

03/18 - 06/18	CDOT, Colorado Bridge & Tunnel Enterprise (BTE), CO 59 Bridge over I-70, Seibert, CO. Structure Quality Manager. Responsible for the bridge staffing, quality management, and project delivery of this emergency bridge replacement project along the I-70 Eastern Corridor. When an semi-truck hit and partially collapsed a 3-span CIP concrete beam bridge, AECOM provided alternative design services using CMAR delivery protocols to provide design and post-design services for a new bridge replacement and upgraded interchange. Gary provided structural oversight and quality reviews of the bridge submittals for this alternative delivery project.
05/20 – 09/21	El Paso County, South Academy Boulevard over BNSF Rehabilitation, El Paso County, CO. Structure Lead. Gary served as structure lead and was in responsible charge for the rehabilitation design of an 800-foot, six-span steel plate girder bridge over BNSF tracks. His team conducted nondestructive testing to evaluate the existing deck condition, performed fatigue assessment and load rating analysis, developed retrofits for fatigue-prone details, and identified expansion joint and bearing repair and replacement details to extend the bridge's service life. The project also required railroad coordination and design submittals in accordance with UPRR/BNSF grade separation guidelines. This experience is highly relevant to bridge preservation, structural assessment, load rating, fatigue retrofit, bridge repair design, and coordination for bridges over active transportation corridors.
03/18 – Ongoing	DOTD, I-49 Connector, Lafayette, LA. Structure Manager. Gary serves as Structure Manager for the conceptual and preliminary design of this seven-mile reconstruction of I-49 through downtown Lafayette. Duties required managing a team of more than 10 members through project scoping, design and development, and project delivery of the structure submittals. The project includes approximately 20 bridges spanning interchanges, the Vermilion River, BNSF and LDRR railroads, and the roadway grid through the Lafayette Central Business District. Gary's responsibilities include structural alternatives evaluation, bridge type studies, coordination of conceptual and preliminary railroad submittals, and multidisciplinary coordination for complex bridge and roadway interfaces.
01/22 – 06/23	TxDOT, Southeast Connector, Dallas, TX. Structures Quality Manager. Gary provided quality oversight for the design and details associated with 60 bridges and retaining walls on the \$1.6 billion Southeast Connector corridor reconstruction and widening program. He supported development of technical design approach documents, task protocols, quality procedures, and project-specific quality documentation for the SEC Quality Manual. His role required coordination with structural teams to confirm design consistency, technical compliance, and quality delivery across numerous concurrent bridge elements. This experience is relevant to QA/QC leadership, bridge design review, task order protocols, multi-structure delivery, and maintaining consistent quality across a large bridge program.
07/21 - 09/25	SDDOT, West River Bridges, South Dakota, Western Counties. Project Manager for the multi-disciplinary design services for the replacement of 13 local agency bridges in Tripp, Meade, Butte, Pennington, Lawrence, and Perkins Counties in western South Dakota. Gary led this \$14M project , provided multi-agency coordination and environmental permitting for all federal and state agency clearances and approvals. All projects required survey and environmental investigations, ROW plan development, hydraulic, water quality, roadway, traffic, and bridge replacement design services.
12/20 - 11/23	CDOT Region 4, Eastern Timber Plains Bridge Replacements, Eastern Colorado. Project Manager leading the multi-disciplinary engineering design services for replacement of ten (10) timber bridges in eastern Colorado. Bridges are located along US 34, US 36, SH 40, and SH 61 and are being delivered using a CM/GC delivery methodology. As part of this \$36M project , AECOM provided survey, utility coordination, roadway, traffic and SMWP design, and bridge detailing services while CDOT R4 staff led ROW, hydraulics and bridge design efforts. In addition to identifying cost-effective bridge solutions, this project implemented resurfacing and reconstruction roadway and safety improvements (e.g., shoulder widening, approach guardrail, etc.) and drainage improvements.
01/10 - 12/12 (Phase III) 06/24 - Ongoing (Phase IV)	CDOT Region 4, I-76 Corridor Design, Fort Morgan, CO. Project Manager and Structures Task Manager. Responsible for the service on-call contract to improve 16-miles of rural interstate in Morgan County. Services have included overall corridor management; environmental clearances in the form of documented categorical exclusions; comprehensive agency involvement with local towns, FHWA, state agencies, and federal resource agencies; preliminary and final design services; design of over 30 bridges including hydraulics studies; and project packaging. The \$45M Phase III project consisted of 6.2-miles of interstate reconstruction and (13) bridges, while the \$75M Phase IV segment included 1.2-miles of interstate reconstruction and four bridge replacements.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Dion Allicock, PE Title: Sr Bridge Engineer/Manager		Years of relevant experience with this employer	4
		Years of relevant experience with other employer(s)	31
Degree(s) / Years / Specialization	MS / 1991 / Hydrotechnical Engineering; MS / 1999 / Structural Engineering; MBA / 2004 / Strategy & Finance		
Active Registration Number / State / Expiration Date	0051340 / LA / 09-30-2026; 12872 / AR / 12-31-2026; 92529 / TX / 09-30-2026		
Year Registered	LA: 2026; AR: 2008; TX: 2003	Discipline	Civil Engineering
Contract Role(s) / Brief Description of Responsibilities	Bridge Design / Repair. <i>Dion has 35 years of civil/structural engineering experience in the mining and transportation industries, with extensive experience in bridge design, leadership, project and quality management on projects ranging from large alternative delivery to small projects. He has served in senior technical and quality roles on major transportation projects across Texas and the United States, helping to deliver accurate, constructable projects, compliant with agency requirements. Dion has led multidisciplinary structural teams distributed across multiple offices in Texas, the United States, and Europe, coordinating complex design efforts while maintaining rigorous QA/QC procedures. He has extensive knowledge of AASHTO LRFD Bridge Design Specifications, ACI, and AISC standards and has successfully integrated these requirements into project-wide QA/QC protocols. As Bridge Task Lead on major bridge design and rehab projects, such as the US 75/SH 121 Multi-level Interchange, IH35E/IH35W Multi-level Interchange, and the TxDOT Forth Worth FUAs, Dion has lead large teams and been responsible for the delivery of dozens of bridges and related structures, ensuring technical consistency and high-quality plan and calculation development. His work has included oversight of complex bridge types such as multi-level direct connectors, post-tensioned straddle bents, railroad overpasses, creek crossings, widenings and repair works. Dion's experience in design/project leadership, including interdisciplinary coordination, enables him to effectively manage and deliver complex transportation infrastructure projects.</i>		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
09/23 - 09/25	TxDOT, CEC (FUA), FTW District, TX. Bridge Task Lead. Dion served as the Bridge Task Lead, Lead Inspector and Plan Reviewer of four Follow-Up Action (FUA) Work Authorizations (WA) encompassing over 34 bridges. He reviewed the relevant Brinsap and Inspection Reports, identifying deficient items in need of repair. He then led the team performing the Condition Assessment (CA) of the designated structures, which included bridges, culverts and walls. After the CA phase he coordinated with TxDOT in determining the issues that required attention. He also reviewed the repair plans and quantities, while providing guidance in their preparation. The repairs covered: cracks, spalls and delamination of bridge approach, deck, superstructure and substructure; joint cleaning and replacement; jacking and shoring of girders to replace bearings; establishing drain holes in steel members to drain condensation; cleaning and painting steel members; armoring of channel to arrest scour and erosion; and riprap repair. Dion also provided construction support during construction. At the time of writing, 2 of the WA were constructed and generated no RFIs. So far on the third there has only been one RFI. The repairs confirmed to TxDOT guidance and were in accordance with the TxDOT Concrete Repair Manual.		

07/21 - 08/22	TxDOT - Dallas District, IH 20/IH 35E Multi-level Interchange. Bridge Task Lead. Dion served as the Bridge Task Lead, Lead Inspector and Plan and Quantity Reviewer for the rehab of 14 bridges at this interchange, including 10 Direct Connectors and four overpasses. He reviewed the relevant Brinsap and Inspection Reports, identifying deficient items in need of repair. He then led the team performing the Condition Assessment (CA) bridges. He also reviewed the repair plans and quantities. The repairs covered: header joint repair; full-depth repair of approach slab; penetrating concrete surface treatment; hydro demolition and partial/full depth deck repair; cracks, spalls and delamination of deck, superstructure and substructure; joint cleaning, sealing and replacement; mill and concrete overlay of deck; multilayer polymer overlay; rail retrofit; armor joint replacement; and riprap repair using flowable fill.
09/19 - 03/20	North Tarrant Expressway 3C, Fort Worth, TX: Bridge Task Lead. Dion served as the Bridge Task Lead the Condition Assessment of 17 prestressed concrete beam overpass bridges, including their load rating. He led the inspection of the bridges, followed by the preparation of a report, including a matrix detailing the recommended repairs.
4/17 - 12/17	TxDOT- FTW District, Dallas-Fort Worth (DFW) Connector DB Project Final Configuration. Bridge Task Lead. Dion served as the Bridge Task Lead, Lead Inspector and Plan Reviewer for the Condition Assessment and Rehab of four RR overpasses. The joints at all four bridges had failed and the superstructure had "walked", with bearing pads all being displaced. To address these issues it was necessary to execute the following: remove both approach slabs and introduce ones with sleeper slab; demolish a strip of deck at the abutments to introduce wider sealed expansion joints and replace the abutment backwalls; jack and replace all bearings; demolish a strip of deck at midspan to introduce sealed expansion joints; use flowable fill to repair riprap and introduce toe walls. The structure was also load rated.
01/15 - 06/16	Dallas Southern Gateway Design-Build, Dallas, TX. Bridge Task Lead. Dion served as the Bridge Task Lead, Lead Inspector and Plan and Quantity Reviewer for the rehab of 19 bridges on US 67, along with the development of detailed recommendations/plans for rehabilitation, including asbestos & paint mitigation. He reviewed the relevant Brinsap and Inspection Reports, identifying deficient items in need of repair. He then led the team performing the Condition Assessment (CA) of these bridges, after which a detailed matrix of repair was prepared. The repairs covered: cracks, spalls and delamination of bridge approach, deck, superstructure and substructure; joint cleaning and replacement; jacking and shoring of girders to replace bearings; cleaning and painting steel members; and riprap repair.

16. STAFF EXPERIENCE

	Firm AECOM	
	Name: Peter Bakhit, PhD., PE, PTOE	
	Title: Senior Traffic Engineer	
Degree(s) / Years / Specialization		PhD / 2018 / Civil Engineering; MS / 2015 / Civil Engineering; BS / 2012 / Civil Engineering, Cairo University
Active Registration Number / State / Expiration Date		PE.0049303 / LA / 03-31-2027; PE.143705 / TX / 12-31-2026; PTOE 5713 / 7-9-2027; DOTD Traffic Process and Report Parts 1, 2 and 3 (2019)
Year Registered		PE LA: 2024; PE TX: 2022 PTOE: 2024
Contract Role(s) / Brief Description of Responsibilities		Discipline Civil Engineering
		TMP. Peter will support TMP development through traffic analysis, lane closure analysis, work zone safety review, and evaluation of construction impacts. His experience includes DOTD freeway lane closure analysis, TMP development for I-10 widening, interchange studies, traffic modeling, crash analysis, warrant analysis, and development of improvement alternatives for interstate and corridor projects across Louisiana.
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).	
04/19–Ongoing	DOTD, Pete's Highway Interchange Alternatives and Environmental Assessment, Denham Springs, LA. Traffic Engineer. Performed traffic and safety analysis to develop interchange improvement alternatives. Responsibilities included traffic data collection, warrant analysis, traffic modeling, safety analysis, and development of conceptual layouts.	
04/18–05/19	DOTD, Freeway Lane Closure Analysis, Major Metropolitan Areas, Baton Rouge and New Orleans, LA. Traffic Analyst. Developed and calibrated FREEVAL models to evaluate freeway lane closure scenarios and assess work zone safety and operational impacts on interstate corridors.	
06/19–12/19	DOTD, US 61 Corridor Study (Airline Highway), Baton Rouge, LA. Traffic Analyst. Conducted corridor safety and operational analysis including traffic data collection, crash analysis, traffic projections, and evaluation of access management strategies including Superstreet concepts using HCM methodologies.	
04/18–02/20	DOTD, I-10 (LA 73 to LA 429) IMR and IJR Study, Ascension Parish, LA. Transportation Engineer. Supported data collection, traffic analysis, and development of improvement alternatives for evaluation of an existing interchange and configuration of two proposed interchanges along the I-10 corridor.	
11/20–Ongoing	DOTD, I-10 CMAR Widening (LA 415 to Essen Lane), East Baton Rouge Parish, LA. Traffic Engineer. Developed permanent signing plans, interchange modification reports, and transportation management plans supporting widening of Interstate-10 and associated interchange improvements.	
01/25 - Ongoing	WSDOT, SR 520, I-5 To Montlake I/C And Bridge Replacement, Seattle, WA. Design Engineer Lead. Responsible for illumination design, photometric analysis and electrical calculations, developing illumination plans and schedules for preliminary, Final, and RFC stages. Work also included coordination with different design teams, Client, Contractors and vendors during the project to ensure constructibility of the illumination design	
02/21–01/22	East Baton Rouge Parish, Lee Drive Corridor Study (Highland Rd to Perkins Rd), Baton Rouge, LA. Traffic Engineer. Performed crash analysis, traffic data collection and processing, existing and no-build operational analysis, and evaluation of corridor improvement alternatives.	
09/22–Ongoing	TxDOT, I-820 Schematic and Environmental Study, Fort Worth, TX. Traffic Engineer. Conducted safety analysis, traffic data collection, and traffic modeling supporting development and evaluation of corridor improvement alternatives.	

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Brett Canimore, PE Title: Vice President / Sr. Project Manager / Bridge Inspection Practice Leader		Years of relevant experience with this employer	26
		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		MS / 2009 / Engineering Management; BS / 1994 / Civil Engineering Technology	
Active Registration Number / State / Expiration Date		PE053513E / PA / 09-30-27; Additional active license: MI, MD, GA, DE, MT, NJ, NY	
Year Registered		1999	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		QA/QC; Bridge Condition Assessments Task Lead. <i>Brett has more than 34 years of experience in bridge inspection, rehabilitation and design and has been a Certified Bridge Safety Inspector since 1995. He has served as project manager, project engineer and lead structural engineer on a variety of projects. Brett has been involved in more than 15,000 routine and in-depth NBIS and underwater inspections. His activities in bridge inspections encompass field investigations, analysis and ratings, streambed evaluations, technical reports, studies and recommendations. Training: Bridge Safety Inspector Training Course; 1995, PA; Bridge Safety Inspection Training Refresher Courses; 1997 through 2022, PA; NHI Course No. 130078 - Fracture Critical Insp. Techniques for Steel Bridges; 2002 & 2018.</i>	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
05/25 – Ongoing	DOTD Contract No. 44-29684 State Project No. H.009730.5, IDIQ Contract for In-Depth Bridge Inspection of Complex Structures, Statewide, LA. Project Manager for this five-year retainer contract to perform in- depth bridge inspections of assigned complex structures. Assigned bridges in 2025 include the routine NBIS, NSTM and in-depth mechanical and electrical inspection of movable bridges LA 82 over Superior Canal in Cameron Parish, LA 22 over Tchefuncte River in Tammany Parish and LA 315 over Bayou Dularge in Terrebonne Parish. The project also included an emergency inspection, and repairs of the trunnion support towers at the LA 315 twin bascule bridge over the Bayou Dularge.		
02/23 - Ongoing	DOTD Contract No. 44-21593, IDIQ for Bridge Load Rating Services, Statewide, LA. Project Manager for this ongoing load rating analysis of 140 bridges throughout Louisiana, including superstructure and substructure analysis; developed proprietary calculation tools for influence-based analysis of bent caps and timber piles; provided recommendations for mitigation and repair of deficient structures.		
12/12 - 06/18	DOTD Contract No. 44-02687 State Project No. H.009730.5, In-Depth Inspection of Complex Structures, Statewide, LA. Project Manager for the four-year retainer contract to perform in- depth bridge inspections of assigned complex structures. Assigned bridges include the Gramercy Bridge (2013), US 190 EB and WB Structures over the Atchafalaya River (2014), I-210 Lake Charles Bridge (2014), Louisa Bridge (2015), Vicksburg Bridge (2015), Mississippi River Gulf Outlet Bridge (2015), Miller's Bluff Bridge (2016) and the Greater New Orleans Bridge (2016). Assigned work also included the design to reset the rocker nest truss bearings of the US 190 WB Structure over the Atchafalaya River		
04/24 - Ongoing	Delaware River Port Authority (DRPA), Betsy Ross Bridge over Delaware River 2024 Biennial Inspection, PA and NJ. Project Manager for the biennial inspection that included a close visual "hands-on" inspection of all fracture critical and fatigue sensitive details including the main truss bridge, the approach truss spans, the approach girder spans, and numerous approach structures. This project included an underwater inspection of the channel piers and inspection. The results of the inspection were presented in a structural inspection report. Bridge data was updated for NJDOT and PennDOT reporting. An executive briefing was also prepared and delivered to DRPA.		

05/21 - Ongoing	PennDOT District 6-0, Agreement E05073, NBIS Inspection of 429 State Owned Bridges in Philadelphia County, PA. Project Manager for the 2-cycle contract focusing on structures within the high ADT I-95, US Route 1, and I-76 corridors. Some of the bridges, particularly on I-95 where several viaducts extend over one mile in length, are much longer than bridges in other areas of the state. The assigned bridges typically require specialized access, traffic control, railroad coordination, non-destructive testing, and mechanical and electrical inspection of movable bridges. Due to the high traffic volume roadways, construction projects, and number of railroad crossings, there is an elevated level of coordination of planned inspection activities required. This demanding project included fracture critical inspections, in-depth inspections, routine NBIS inspections, interim inspections, emergency on-call services, element inventory and element level inspections.
01/21 - Ongoing	PennDOT District 4-0, Agreement E04957, NBIS Inspection of Large / Complex Bridges. Project manager for the 3-cycle bridge inspection and load rating contract of 160 assigned structures in D4-0. The assigned bridges are non-fracture critical, large and complex requiring specialized access, traffic control, railroad coordination, and non-destructive testing. Project included in-depth inspections, routine NBIS inspections, interim inspections, emergency on-call services, load ratings analyses, element inventory and element level inspections.
05/20 - Ongoing	Puerto Rico Highway and Transportation Authority (PRHTA), NBIS Safety Inspection of In-Service Bridges in Puerto Rico (2020-2026). Project Manager for the professional services agreement to provide NBIS bridge safety inspection services of assigned bridges throughout Puerto Rico. Inspection work was completed in accordance with PRHTA's Bridge Inspection Procedures and Policies Manual, NBIS, FHWA, and AASHTO. Currently, AECOM has completed more than 1,000 inspections including routine, fracture critical and special inspections. Some bridges required the use of traffic control for safe work zones and access equipment to gain hands-on access of the non-redundant steel tension members (NSTM). This contract included tunnel inspections (NTIS) of three tunnels for one of the task orders and the development of the tunnel inspection manual. Other task orders included using drones (unmanned aerial systems) to inspect several bridges including the Antirantado Jesús Izcoa Moure cable stayed bridge in Naranjito, development of the PRHTA Tunnel Safety Inspection Manual, and the development of the PRHTA Standard Operating Procedure – Bridge Safety Inspection Manual. Reports were prepared for each inspection including condition assessments and element level reporting.
04/22 - 04/24	Delaware River Port Authority (DRPA), Commodore Barry Bridge over Delaware River 2022 Biennial Inspection, PA and NJ. Project Manager for the biennial inspection that included a close visual "hands-on" inspection of all NSTM and fatigue sensitive details including the three-span, cantilevered through truss main span, deck truss spans and steel stringer spans. This project included ultrasonic testing of the pins and electro-slag A514 steel welds on the bridge. Inspectors also visually inspected a select number of vibration dampers. The project also included the inspection of the sign structures, the US130 over pass structures and the toll and maintenance buildings. The results of the inspection were presented in a structural inspection report. Bridge data was updated for NJDOT and PennDOT reporting. An executive briefing was also prepared and delivered to DRPA.

16. STAFF EXPERIENCE

	Firm AECOM		
Name: Derek Chisholm, AICP, ENV SP, LEED GA Title: Associate Vice President		Years of relevant experience with this employer	11
		Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization	MPA / 1997 / Environmental Planning; BS / 1994 / Organizational Management		
Active Registration Number / State / Expiration Date	American Institute of Certified Planners (AICP) Leadership in Energy and Environmental Design, Green Associate; (LEED GA) Envision Sustainable Professional (ENV SP) DOTD Traffic Process and Report Parts 1, 2 and 3 (2021)		
Year Registered	N/A	Discipline	N/A
Contract Role(s) / Brief Description of Responsibilities	Public Outreach & Stakeholder Strategies Task Lead. <i>Derek is a senior-level transportation professional with three decades of experience in planning and delivery of bridge projects. He has lead the NEPA and communications processes for many bridges, in several states, and is focused on streamlining processes and foreseeing impediments in the process. Derek was contributing writer for two books including ASCE's Engineering for Sustainable Communities. Derek's projects have won national, state, and local awards for public involvement and sustainability. Most recently, a project he lead for the Port of New Orleans won the Award of Excellence from the American Association of Port Authorities, for, Stakeholder Involvement. His work on the I-49 Virtual Meeting room was key to DOTD winning a national award from TransComm, AASHTO's Communication Committee.</i>		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
10/16 – Ongoing	DOTD, I-49, Lafayette Connector Project, Lafayette, LA. Derek started work on the I-49 Connector as an environmental advisor and now leads the NEPA process that will publish a DSEIS this summer. He was also the Context Sensitive Design lead for this \$2B project consisting of 5.5 miles of interstate and local roadway improvements, including over four miles of elevated structure.		
03/19 - 08/21	Gordie Howe International Bridge, Detroit, MI to Windsor Canada. AECOM delivered the longest span bridge in North America, crossing between the United States and Canada. Derek was asked to assist the project based on his previous experience working on sustainable design and construction issues for similar projects pursuing both LEED and ISI Envision certification for the bridge and portals.		
11/17– 06/18	DOTD, Jimmie Davis Bridge Supplemental EA - Bossier and Caddo Parishes, LA. Derek served as a Senior NEPA Advisor on this project, providing quality control review and assisting on complex issues related to bicycling connectivity, Section 4(f) and the final FHWA comments on the preliminary, draft Supplemental Environmental Assessment.		
03/06 – 02/13	Columbia River Crossing – Portland, OR. This project included multi-modal improvements between Portland Oregon and Vancouver Washington, including the extension of the Portland Light Rail Transit system. As the Consultant Environmental Team Manager, Derek worked with the design and construction teams to prepare an environmental documentation, plan amendments, and numerous impact analyses.		
05/10-8/13	Clackamas River-Springwater Road Bridge – Clackamas, OR. This project developed and evaluated alternative river crossings in the core of Carver, Oregon. Derek led the public involvement discussions and aspects of the alternatives analysis. He also led the NEPA process.		
07/08-09/10	Willamette River Bridge (Tilikum Crossing). Portland OR: Derek supported the built environment analysis for this project, assisted with the design (elements related to complete streets and the approaches).		

02/08-12/11	Neighborhood Cohesion Calculator, EPA/ FHWA, Nationwide. The Neighborhood Cohesion Calculator helps participating communities conduct an audit of the assets in neighborhoods. The calculator can be used to evaluate how major projects may impact neighborhoods. The Calculator and the methods behind it were the focus of a EPA Community Involvement Training and was showcased at the National Neighborhood USA Conference in 2009.
10/05-04/07	Oregon DOT, Bridges Visual Performance Standards– Oregon Statewide. Derek led a team of ODOT project management specialists, engineers, visual specialists, and others in preparing the visual performance standards (VPS) for the Oregon Transportation Investment Act (OTIA) III State Bridge Delivery Program. The VPS established context sensitive, performance-based and programmatic aesthetic guidelines and standards for bridge repair or replacement projects.

16. STAFF EXPERIENCE

	Firm AECOM	
	Name: Barry Colford, PE	
	Title: Bridge Asset Management Maintenance/Preservation	
Years of relevant experience with this employer		35
Years of relevant experience with other employer(s)		12
Degree(s) / Years / Specialization	BS /1978 / Civil Engineering	
Active Registration Number / State / Expiration Date	PE.105607 / NY / 7-31-2027; PE.697900 / NJ / 04-30-2028; PE.092017 / PA / 09-30-2027; PE.24617 / DE / 6-30-2026	
Year Registered	2017	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities	Structural Life Cycle & Deterioration Model. Barry brings 40 years of experience in bridge design, inspection, asset management, preservation, rehabilitation, and strengthening of steel and concrete highway structures. He has specialized expertise in steel structure inspection and testing, deck rehabilitation, protective systems, painting, cathodic protection, high-strength tension elements, joints, bearings, load ratings, and risk-based prioritization. As lead of AECOM's North America Bridges and Tunnels Asset Management Group, Barry supports bridge owners with preservation strategies, lifecycle planning, risk-based inspection methodologies, and capital program prioritization.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).	
07/18 -12/21	MTA/TBTA, Strategic Plan for Service Life Extension of Bridges and Tunnels, New York, NY. Technical Lead. Led development of a risk-based asset management methodology to extend the service life of major bridge and tunnel assets, including four long-span suspension bridges, one large truss bridge, two long-span girder bridges, and two tunnels. Responsibilities included peer review of consultant proposals, prioritization of 20-year capital program spending, development of criticality and vulnerability ratings, deterioration curves, risk-based inspection recommendations, and state-of-good-repair planning.	
01/23 – Ongoing	MTA C&D, Verrazzano Narrows Bridge Rehabilitation, New York, NY. Project Director / Technical Lead. Serves as Project Director and Technical Lead for a \$250 million rehabilitation of the suspension system on the Verrazzano Narrows Bridge. The project includes main cable dehumidification design, main cable internal inspection, acoustic monitoring, cable band bolt replacement, suspender replacement, new socket design, and related structural, electrical, mechanical, controls, and IT coordination.	
02/21 – 11/21	NYC DOT, Brooklyn Queens Expressway Preservation Panel, New York, NY. Peer Review Panel Member. Served as one of three experts selected by NYC DOT to evaluate preservation strategies for the Brooklyn Queens Expressway. Reviewed alternatives to full replacement and helped establish preservation strategies intended to maintain the corridor's primary highway elements for 20 to 30 years. Strategies included patching, deck sealants and overlays, cathodic protection, chloride extraction, deck waterproofing, monitoring, and operational/maintenance procedure changes.	
08/20 - 12/23	MassDOT, Bridge Deterioration Modeling, MA. Technical Lead. Led AECOM's work to develop deterioration curves for MassDOT's bridge inventory using historical biennial inspection data, NBI/NBE data, AASHTO BrM, Markov modeling, and Weibull distribution. The work supported optimization of preservation, rehabilitation, and replacement interventions for MassDOT's capital program and Transportation Asset Management Plan.	
09/21- 04/22	Skyway Concession Company, Chicago, IL. Bridge Technical Lead. Led bridge technical support for development of the Chicago Skyway asset management system and long-term lifecycle cost planning for the bridge inventory. Work included deterioration curves, Markov modeling, intervention strategies, cost profiles, and 30- to 40-year lifecycle cost analysis.	
01/22–09/22	NYC DOT, Analysis of Deicing Road Salt Effects on Bridge/Road Lifecycles, New York, NY. Technical Lead. Led study evaluating the impact of deicing salts on concrete bridge decks and other bridge elements. Work included evaluation of alternative anti-icing/deicing measures, lifecycle impacts, unit treatment costs, capital costs, societal impacts, and preservation methods such as deck sealing to reduce deterioration.	

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Rob Dean, PE Title: Vice President, Civil Sr Manager		Years of relevant experience with this employer	30
		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 1993 / Civil Engineering; MS / 1995 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.0046730 / LA / 09.30.2026; Additional active licenses: VA	
Year Registered		2022	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Bridge Preservation. Rob is a licensed professional civil engineer who serves as a Bridge Engineer in the Roanoke, Virginia office. His professional experience encompasses a wide range of projects for public and private clients, involving design of new bridge structures, as well as the inspection, rehabilitation, and renovation of existing structures. His responsibilities include condition assessment, rehabilitation alternatives, computation and checking of design calculations, preparation of plans, specifications, and cost estimates. Rob is a nationally certified Bridge Inspection and Tunnel Inspection Team Leader.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
07/25 - Ongoing	DOTD, Project No. H.013832, Grand Ecore Bridge Rehabilitation Study, Grand Ecore, LA. Senior Bridge Engineer for development and evaluation of bridge rehabilitation alternatives. DOTD has commissioned AECOM to perform preliminary study of rehabilitation alternatives for the bridge carrying LA 6 over the Red River (Grand Ecore Bridge). The existing structure is 1875 feet long with main spans up to 375 feet. AECOM is evaluating bridge superstructure and substructure rehabilitation alternatives for multiple service life scenarios based on initial cost, durability, constructability, and impacts to traffic.		
04/20 - 04/24	VDOT, Rehabilitation of Interstate 77 Bridges over Clear Fork Creek, Bland County, VA. Task Manager for rehabilitation of four steel bridges on Interstate 77 in Bland County, Virginia. AECOM developed a program for assessment of the existing structure condition, including sampling of the superstructure concrete to test for chloride content, depth of the chloride front, compressive strength and petrographic examination. Based on the results of our investigation, we developed plans for deep hydro-demolition and concrete deck overlay, elimination of deck expansion joints, structural steel repairs, and substructure rehabilitation.		
11/20 - 06/23	VDOT, Route 360 Corridor Evaluation of 22 Structures, Fredericksburg District. Task Manager with responsibility for coordinating the collaboration of a multi-discipline team on this task to evaluate rehabilitation needs for 22 structures along the Route 360 corridor. Structures range in length up to 500 feet and include both concrete and steel superstructures. Our assessment of the existing structures including infrared thermography, 3D GPR, and digital image mapping, all performed at traffic speeds. The analysis results supported our data-driven process for rehabilitation recommendations and budget prioritization.		
08/15 - 11/20	VDOT, Route 685 over Craig Creek (Phoenix Bridge), Botetourt County, VA. Task Manager with responsibility for bridge design and construction plans. AECOM was commissioned by VDOT to provide engineering services for this project to rehabilitate two 120-year-old historic steel truss spans over Craig Creek to extend the service life, improve the condition ratings, and increase the live load capacity. This single-lane bridge with a length of 267 feet is the only means of access and emergency service for dozens of residences, so AECOM developed unique modular construction details to allow major rehabilitation of floor beams and complete replacement of all stringers and bracing members in very short windows of road closure.		

16. STAFF EXPERIENCE | ROB DEAN, PE CONTINUED

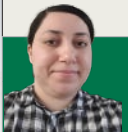
01/16 - 11/20	VDOT, Rehabilitation of 34 Structures in Salem District, VDOT Salem District, VA. Task Manager with responsibility for guiding the work of multiple design teams for this task to replace superstructures for 34 bridges throughout the VDOT Salem District. New structure types included concrete and steel superstructures. Staged construction details were developed to maintain traffic during construction. Where staged construction was not feasible, plan details were developed to permit rapid replacement within a 12-hour road closure. Bridge rehabilitation plans were prepared and bundled in multiple advertisement packages.
04/17 - 02/24	VDOT, Rehabilitation of Five Structures in the Lynchburg District, VDOT Lynchburg District, VA. Task Manager with responsibility for oversight of five design teams to make field assessments, site survey, develop sequence of construction, bridge engineering, maintenance of traffic, utility relocations, cost estimating, and specifications. AECOM was commissioned by VDOT to provide engineering services for this project for rehabilitation of five structures. Structures ranged in length up to 650 feet. The scope of rehabilitation included concrete deck replacement, deck hydro-demolition and overlay, structural steel repairs, bearing replacement, substructure repairs, and structural steel painting.
02/18 - 08/20	VDOT, Route 683 and Route 730 Bridges, Virginia DOT Lynchburg District. Task Manager for this task and performed quality control review of superstructure and substructure design calculations and bridge construction plans. AECOM provided engineering services for this project for complete replacement of two bridges using prestressed concrete beams. The project was designed on an aggressive schedule because the original bridges were both washed out during a flood, leaving both bridges closed to traffic.
05/18 - 03/19	VDOT, Route 3 Bridge over Rappahannock River, Middlesex/Lancaster County, VA. Task Manager with responsibility for coordinating the collaboration of a multi-discipline team for this task to study bridge rehabilitation and replacement alternatives for the Route 3 over the Rappahannock River bridge. The existing bridge is two miles long with a span length of 650 feet over the navigation channel. The study evaluated eight bridge replacement alternatives and provided
04/11 - 05/11	VDOT, I-81 over Reed Creek Bearing Replacement, Wythe County, VA. Senior Bridge Engineer for this project with responsibilities for field assessment, design of emergency bearing repairs, and preparation of construction plans. AECOM was commissioned by VDOT to perform emergency inspection and prepare emergency repair plans for tilted steel rocker bearings.
02/17 - 09/21	VDOT, Route 58 over NS Railway, Norton, VA . Senior Bridge Engineer and Engineer of Record for this task to rehabilitate the superstructure of this steel girder bridge with a total length of 570 feet and a width of 76 feet. Rehabilitation plans included fatigue cracking retrofit, concrete deck overlay, bearing replacement, and substructure repair.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Bonnie Dial, PE, PTOE		Years of relevant experience with this employer	19
Title: Traffic / ITS Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2006 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.108550 / TX / 03-31-2027; PTOE.3577 / 11-20-2028	
Year Registered		PE TX: 2011; PTOE: 2013	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		TMP. Bonnie will support TMP development for task orders involving temporary traffic control, signals, signing, pavement markings, ITS, pedestrian accommodations, and construction-phase traffic operations. She brings traffic task lead experience on TxDOT and municipal corridor projects, including signal design, safety analysis, access management, traffic control plans, PS&E packages, and coordination with roadway teams, agencies, utilities, and contractors.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
9/20 – 4/24	TxDOT Houston District, US 90 Greens Bayou, Houston, TX. Traffic task lead. Bonnie served as the Traffic task lead for the proposed intersection of US 90 at Purple Sage/Beaumont Place which included traffic signal warrant analysis, traffic signal design, signing and pavement markings, and TxDOT's Safer by Design intersection tool. Bonnie incorporated traffic studies for multiple truck maintenance facilities to model the signal timing and determine the approach lanes using Synchro. The design incorporated SUP and sidewalk pedestrian ramps and signals to cross the intersection. During design, Bonnie coordinated with the roadway team for a cohesive intersection design to verify truck turning paths and sight distance adjacent to proposed retaining walls.		
07/18–02/22	City of Austin, Slaughter Lane Improvements, Austin, TX. Traffic Task Lead. Led traffic engineering services for 10 miles of roadway improvements including sidewalks, shared-use paths, bike lanes, and capacity enhancements. Managing traffic projections and safety analysis and overseeing signal design and signing and pavement marking plans for more than 20 traffic signals across multiple PS&E and IDIQ submittals. Coordinating with City staff, agencies, and utilities to maintain consistent design across project phases.		
02/23–Ongoing	City of El Paso, Traffic Management Center Upgrades, El Paso, TX. Deputy Project Manager. Supporting feasibility study and PS&E development for modernization of approximately 700 traffic signals and conversion of the communications network from analog to ethernet. Leading ITS inventory development and preparation of ITS and signal modification plans consistent with TxDOT standards.		
08/20–Ongoing	TxDOT Laredo District, US 59 Reconstruction, Laredo, TX. Traffic Task Lead. Leading design of ITS, temporary and permanent traffic signals, and signing and pavement markings for approximately 6.5 miles of corridor improvements. Designed ITS systems including dynamic message signs, CCTV, and wrong-way detection systems and coordinated signal design, signing, and pavement marking plans across multiple consultant teams.		
07/19–05/20	TxDOT, IH 45 Reconstruction, Harris County, TX. Traffic Task Lead. Led design of signing, signals, pavement markings, high-mast illumination, and ITS for the corridor from south of the Texas City Terminal Railroad to north of the Galveston Causeway near SH 6. Performed quality control for signing, pavement marking, and ITS design deliverables.		
03/19–12/19	TxDOT Houston District, FM 1488 Access Management Study and Traffic Signal Design, Montgomery County, TX. Project Manager. Managed access management study and design of traffic signals along a 14-mile corridor with 19 signalized intersections. Conducted crash and level-of-service analyses and developed short-, mid-, and long-term mobility and safety improvements including raised medians, intersection improvements, pedestrian crossings, and signal upgrades.		

16. STAFF EXPERIENCE | BONNIE DIAL, PE, PTOE CONTINUED

09/21–09/22	FedEx, West Road at FedEx Drive Traffic Signal Design, Houston, TX. Traffic Design Lead. Led design of a traffic signal meeting Harris County standards including signal warrant analysis, sight distance evaluation, and coordination with Harris County and CenterPoint Energy to establish electrical service.
11/20–01/21	City of Austin, Traffic Engineering Staff Augmentation, Austin, TX. Project Manager. Managed multiple traffic engineering projects including HSIP-funded safety improvements, signal design, traffic control plans, pedestrian ramp improvements, and corridor lighting improvements. Delivered PS&E packages and coordinated design with City staff, utilities, and consultants.
01/19–03/21	TxDOT Houston District, SH 146 at North Alexander Drive Traffic Signal Study, Baytown, TX. Traffic Engineer. Performed signal warrant and all-way stop analyses and developed traffic control modifications associated with construction of the SH 146 mainlane overpass.
11/19–01/20	Confidential Client, Planning-Level Traffic Impact Analysis, Lake Charles, LA. Project Manager. Led traffic impact analysis for development of a major industrial facility including traffic counts, growth rate projections, level-of-service analysis, and identification of roadway network improvements.
03/19–10/19	Confidential Client, Industrial Traffic Study, Gregory, TX. Project Manager. Performed traffic operations analysis for a large industrial facility including intersection analysis in Synchro, freeway modeling in VISSIM, and development of recommended roadway improvements and construction cost estimates.
01/18–12/18	TxDOT, SH 3 Access Management Study, Harris County, TX. Traffic Engineer. Developed corridor access management strategies including raised medians, intersection improvements, pedestrian facilities, and traffic signal recommendations based on traffic analysis.
01/17–12/17	TxDOT, SH 105 Access Management Study, Montgomery County, TX. Traffic Engineer. Developed short-term safety and mobility improvements for a suburban corridor planned for expansion to six lanes. Conducted traffic analysis and prepared conceptual improvement recommendations and cost estimates.
06/16–10/16	Harris County, Traffic Signalization of Hollyhock Road and Greenhouse Road, Katy, TX. Technical Lead. Led design of a new traffic signal including signing and pavement markings, pedestrian facilities, and turn lane improvements.

Firm AECOM			
	Name: Sarah Elsawah, PE		Years of relevant experience with this employer
	Title: Bridge Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MASc / 2018 / Civil Engineering; BEng / 2016 / Bridge Engineering	
Active Registration Number / State / Expiration Date		PE.0046814 / LA / 09-30-2026	
Year Registered		2022	Discipline Civil Engineer
Contract Role(s) / Brief Description of Responsibilities		Bridge Design / Repair. Sarah will support bridge design and repair task orders, including structural analysis, load ratings, repair recommendations, design calculations, plan development, and quality reviews. Her DOTD experience includes bridge replacement design, movable bridge inspection and rehabilitation support, damaged girder load ratings and repair evaluations, complex bridge load ratings, bridge load testing, finite element modeling, and rehabilitation studies for steel and prestressed concrete structures.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
10/25–Ongoing	DOTD, US 190 Overpass Near Opelousas Engineering, Preliminary and Final Design, Opelousas, LA. Task Leader. Led bridge design tasks in accordance with AASHTO LRFD, BDEM, and project-specific design standards. Performed and reviewed structural calculations to support design accuracy, quality, and constructability. Managed task scope, schedule, and budget, tracking progress against design hours and identifying risks early. Oversaw preparation of design submittals in alignment with contract scope, BDEM requirements, and milestones. Coordinated with roadway, geotechnical, hydraulics, and CADD teams to integrate design packages.		
10/25–Ongoing	DOTD, Moveable Bridge IDIQ 2025 – Ted Hickey Bridge (H.011969), Orleans Parish, LA. Bridge Engineer. Supporting engineering services for movable bridge inspection, evaluation, and rehabilitation recommendations. Assisting with structural assessment, analysis of bridge components, and development of repair strategies to extend bridge service life.		
01/25–03/25	DOTD, Bridge Preservation IDIQ 2022–2027 – LA 641 Bridge Load Rating and Repair, St. James Parish, LA. Bridge Engineer. Calculated load ratings for the existing bridge condition and prepared comprehensive load evaluation reports. Determined post-repair load ratings and developed as-designed load rating reports for damaged prestressed concrete girders.		
01/25–Ongoing	Modjeski and Masters, Bridge Load Rating Task Order #1, New Orleans, LA. Bridge Engineer; Checker. Developed load rating templates for multi-girder spans using LEAP modeling and quality review of load rating analyses for 140 bridge structures.		
05/19–06/19	DOTD, LA 1 Bridge Load Testing over Lockport Canal, Lafourche Parish, LA. Project Engineer. Developed finite element bridge models using MIDAS software, evaluated field load testing data, and updated BrR models to assess bridge performance and determine whether load posting restrictions could be removed.		
01/19–08/19	DOTD, Load Rating of 27 Complex Bridges, Statewide, LA. Project Engineer. Performed bridge load ratings using AASHTOWARE BrR, RC-Pier, and Mathcad for multiple bridge types including prestressed girders, steel plate girders, truss bridges, and swing spans, and prepared detailed load rating reports.		
07/19–10/21	DOTD, Load Rating of 617 Off-System Bridges, Statewide, LA. Project Engineer. Led load rating analyses for slab bridges and performed quality reviews of load rating models and reports for various bridge types including precast slabs, concrete slabs, prestressed quad beams, and swing span bridges.		
03/20–06/20	DOTD, Job Number 44-17310 Bridge Load Testing, Statewide, LA. Project Engineer. Developed 3-D finite element bridge models using MIDAS software, evaluated field load testing results, and prepared reports demonstrating bridges could safely carry higher loads than previously estimated.		

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Caden Germann, EI		Years of relevant experience with this employer	2
Title: Civil Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2024 / Civil Engineering	
Active Registration Number / State / Expiration Date		EI.0035776 / LA / 09-30-2026	
Year Registered		2024	Discipline Civil Engineer
Contract Role(s) / Brief Description of Responsibilities		Data Collection & Assessments; Road Geometrics. Caden will support data collection, assessments, and roadway geometrics for bridge preservation and repair task orders. His experience includes roadway modeling, horizontal and vertical alignments, typical sections, quantity takeoffs, cost estimates, plan sheets, and field/site assessment support for bridge replacement, roadway, port, and corridor improvement projects. He brings practical Civil3D/CAD experience supporting geometric design, drainage coordination, and construction documentation.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
04/24 – Ongoing	Port of New Orleans, Louisiana International Terminal, Violet, LA. Civil Engineer. AECOM is designing a new container terminal including rail and roadway access infrastructure. Responsibilities include development of typical sections for the EJP interchange, Maintenance and Bike Path corridor design, and levee overbuild design.		
06/23 – 06/24	DOTD, LA-561 Bridge Replacement, Hebert, LA. EI. Project involves replacement of the LA-561 Bridge over the Boeuf River and geometric modifications to Womack Road. Assisted with drainage structure calculations, quantity takeoffs, and cost estimate preparation.		
04/24 – 08/24	New Orleans Public Works Department (NOPWD), School Zone Sign Replacement and Installation, New Orleans, LA. Engineering Intern. Prepared plan sheets using AutoCAD for school zone signage replacement and installation across multiple schools and assisted in developing specifications for signage placement.		
06/23 – Ongoing	MOVEBR, College Drive Corridor Enhancement, Baton Rouge, LA. Engineering Intern. Project includes access management, signalization, and capacity improvements along College Drive. Responsibilities include CAD roadway modeling and assisting with quantity calculations and cost estimation.		
04/25 – Ongoing	Port of Houston Authority, Terminal 3 Planning, La Porte, TX. Civil Engineer I. Project includes planning and design of roadway infrastructure to support a new container terminal. Responsibilities include using Civil3D to develop alternative roadway horizontal and vertical alignments in accordance with TxDOT design guidelines.		

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Jonathan Giardina, PE		Years of relevant experience with this employer	7
Title: Roadway Design / Alternatives Development & Conceptual Engineering		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		BS / 2019 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.0049081 / LA / 09-30-2026	
Year Registered		2024	Discipline Civil Engineer
Contract Role(s) / Brief Description of Responsibilities		Road Geometrics. Jonathan will support roadway geometrics for bridge preservation, replacement, and repair task orders, including horizontal and vertical design, roadway modeling, plan production, quantity calculations, and cost estimating. His experience includes DOTD bridge replacement and roadway improvement projects, drainage coordination, temporary traffic control support, CAD modeling, and development of preliminary and final roadway plans for bridge and corridor projects across Louisiana.	

Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
03/23 – Ongoing	DOTD, LA 561 Boeuf River Bridge Replacement Near Hebert, Caldwell and Richland Parishes, LA. Roadway Design Support. Jonathan supports preliminary design including roadway and drainage layout, roadway modeling, design calculations, and plan production. Project includes replacement of a 700-ft through truss bridge with a prestressed concrete girder bridge and roadway upgrades to current standards.
03/25 – Ongoing	DOTD, Maurepas Swamp Diversion Road Design, St. John Parish, LA. Roadway Design Support. Jonathan supports horizontal and vertical roadway design and roadway modeling for LA 44 and US 61. Project includes roadway and drainage adjustments to support access improvements for the Maurepas Swamp Diversion.
07/25 – Ongoing	DOTD, US 190 UPRR Overpass Near Opelousas, St. Landry Parish, LA. Roadway Design Support. Jonathan supports preliminary plans including conceptual layouts, horizontal and vertical roadway design, and roadway modeling. Bridge replacement over the UPRR railroad with associated roadway improvements.
09/20 – 01/23	City of Baton Rouge / Parish of East Baton Rouge, Feasibility Study and Report / TEPR – College Drive, Baton Rouge, LA. Roadway Design / CADD Design. Jonathan supported roadway design, cost estimates using DOTD Bid Tabs, and plan development. Study evaluated access management, signalization, and capacity improvements along College Drive including a proposed I-10 westbound flyover ramp.
01/22 – 01/23	City-Parish of East Baton Rouge, MOVEBR Program – Airline Highway / Jones Creek Road TEPR Study, Baton Rouge, LA. Traffic Engineering Support. Supported the Traffic Engineering Process and Report for the Jones Creek Road Extension connecting Tiger Bend Road and Airline Highway. Work included intersection analysis, queue and unmet demand counts, and traffic study documentation.
01/21 – Ongoing	City of Baton Rouge, College Drive Enhancements (Perkins Rd. to I-10, Phase 1 Concord Extension and Bennington Connector), Baton Rouge, LA. Roadway Designer. Planning and design of pedestrian and vehicular mobility improvements along a 1-mile segment of College Drive. Jonathan supported 30% preliminary plans through roadway design calculations, corridor modeling, and plan production.
06/18 – 12/23	Coastal Protection and Restoration Authority, Mid-Barataria Sediment Diversion (SPN BA-0153), Plaquemines Parish, LA. Roadway Design / Engineering Support. \$1.5B CMAR project creating the Mid-Barataria Sediment Diversion Channel. Jonathan contributed to roadway design calculations, plan development, guardrail design, temporary traffic control plans, geometric details, cost estimating, and traffic report preparation.

01/19 – Ongoing	City of New Orleans Department of Public Works, Milan Group A Reconstruction, New Orleans, LA. Design / Construction Administration Support. Roadway restoration including milling and overlay, pavement patching, sidewalk repairs, drainage improvements, and ADA ramps. Jonathan supported plan development, quantity takeoffs, cost estimates, RFI, invoice quantities, and progress meetings.
11/19 – 02/23	City of New Orleans Department of Public Works, Broadmoor Neighborhood Reconstruction, New Orleans, LA. Design Support. Reconstruction of 22 neighborhood blocks including roadway, sidewalks, curbs, waterlines, and stormwater infrastructure. Jonathan assisted with roadway and waterline design, cost estimating, quantity takeoffs, plan preparation, and client coordination.
03/25 – Ongoing	City of Biloxi Public Works, Cedar Lake Bridge Conceptual Design, Harrison County, MS. Roadway Design Support. Replacement of the Cedar Lake Draw Bridge with a fixed bridge structure. Jonathan supported conceptual alternatives by preparing horizontal and vertical roadway design and developing quantity and cost estimates.
11/22 – 06/23	Mississippi Department of Transportation (MDOT), Directional Medians for US 49, Harrison County, MS. Roadway Design Support. Highway improvements including installation of directional medians. Jonathan performed J-turn analysis and design, roadway design calculations, and conceptual plan development.
09/18 – 05/19	Jefferson Parish Department of Public Works, Mounes Street Drainage Improvements, Jefferson Parish, LA. Traffic Control / Design Support. Designed traffic control plans and specifications for drainage improvements. Jonathan supported temporary traffic control design, quantity tabulation, and plan drafting.
08/17 – 09/19	Port of New Orleans, Nashville Avenue Wharf Improvements, New Orleans, LA. Design Support. Wharf upgrades to accommodate larger rail-mounted cranes. Jonathan assisted with waterline design, plan development, site visits, invoicing, and document control.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Josh Guitreau, EI Title: Structural Engineer II		Years of relevant experience with this employer	4
		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 / 09-30-2026	
Year Registered		2022	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Data Collection & Assessments; Shop / Working Drawings. Josh has 4 years of experience in structural and bridge engineering across multiple transportation projects. His work has included preliminary and detailed bridge design, reinforced deck design, and substructure analysis for state DOTs including DOTD, TxDOT, and SDDOT, as well as bridge load rating evaluations, field assessments, and site visits for DOTD, with one year focused on analyzing existing structures to assess capacity and inform maintenance or load decisions. His project experience spans bridge replacement and rehabilitation, box culvert and wingwall design, and construction and quality support for major highway projects. Josh has demonstrated proficiency with AASHTO LRFD design specifications, reinforced concrete bridge components, and preliminary structural analysis, contributing to the successful execution of projects across multiple states.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
05/23 - Ongoing	DOTD, LA-561 Boeuf River Bridge Replacement Project, Hebert, LA. Structural Engineer. 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 DOTD to assess condition of current bridge and determine new bridge design parameters.		
08/23 - Ongoing	DOTD, LA-10 Bayou Carron Bridge Project, Washington, LA. Supported geotechnical analysis efforts by determining bridge service loads used in foundation design. Assisted with plan development and coordination to maintain consistency between structural and geotechnical design elements.		
10/23 - 08/25	DOTD, Bridge Load Rating, Multiple Locations, LA. Performed substructure analysis for a series of multi-span concrete slab bridges as part of a statewide load rating effort, assessing existing conditions and structural capacity to deliver recommendations supporting effective maintenance and rehabilitation planning.		
11/22 - Ongoing	EBR Parish, College Drive, Baton Rouge, LA. Structural Engineer. Performed design verification and structural analysis for box culverts and headwalls to ensure compliance with design standards and structural integrity.		
07/22 - Ongoing	TxDOT, I-635 LBJ East Design Build Project, Dallas, TX. Structural Engineer. Performed construction support activities such as responding to RFI's, shop drawing review, plan revisions, and quality support/quality assurance tasks for multiple bridge structures throughout project.		
11/22 - 12/22	SDDOT, West River Bridges, Prairie City, SD. Structural Engineer. Performed structural design for box culvert wingwalls and completed quantity calculations to support project estimation and planning.		

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Steven Haynes, PE Title: Bridge Design/Bridge Rehabilitation		Years of relevant experience with this employer	24
		Years of relevant experience with other employer(s)	21
Degree(s) / Years / Specialization		BS / 1978 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.0043319 / LA / 09-30-2026 Additional licenses in: WA, CO, TX	
Year Registered		2019	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		RFIs / Clarifications. Steven is a senior project manager and bridge engineer with extensive experience in analysis, design, and construction management of bridges and other structures. He is knowledgeable in the design procedures adopted by various states, including Louisiana, Washington, Colorado and Texas, and is very familiar with AASHTO LRFD bridge design specifications and AASHTO LRFD bridge construction specifications for steel, precast, and post-tensioned concrete bridges, including the design of complex substructures. Steven has been involved in many design study reports that required evaluating unusual types of structures including arches, tied arches, and tied back structures. He has led engineering design teams whose duties ranged from civil and structural design through the plan, specification & estimate, and construction to completion, for a wide variety of steel, concrete, and timber bridges as well as retaining walls and approach roadways. Steven has designed many complex retaining wall structures higher than 30 feet, some of which involved the design of soil-nail, caisson, and tied-back wall systems.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
07/24 - Ongoing	Brent Spence Bridge Project – Ohio River, Ohio DOT. This project is a progressive design/build project where Steven is the Lead Structural Engineer for 5 bridges in Cincinnati OH. Two of the bridges are double-decked structures approaching the Ohio River Crossing Bridges. One Bridge spans 2 railroad facilities where shoring designs will be required by the Design Team. The bridges consist of fabricated structural steel and prestressed concrete girders up to 140 feet in length.		
07/20-09/21	Repair Assessment of Bridge No. 93.1, I-20 EB to I-55 NB, Mississippi Department of Transportation, Jackson MS. Provided technical support for an in-depth finite-element analysis to generate a bridge load rating analysis and repair recommendations for Bridge No. 93.1 in Rankin County, MS. This bridge is in generally fair condition, however, diagonal cracking of the concrete girders with moderate spalling was noted at the dapped girder ends which weakened the structural integrity of the bridge and warranted a load posting.		
07/19-12/21	TxDOT, I-635 LBJ East, Dallas, TX. Design Engineer for the Quality Control process on the project. The project's scope is for the construction of an approximately 11.2-mile corridor of Highway I-635 LBJ East from US 75 to IH-30 in Dallas County to improve safety, mobility, and relieve congestion in the region. Provided independent design checks and plan verifications (QC) for one prestressed girder bridge and all the sign structures on the project. Currently providing ongoing construction support services for the project, including shop drawing review and plan revisions.		
7/18-Ongoing	TxDOT, Southeast Connector Design-Build, Fort Worth, TX. Structure Engineer and Task Manager for this \$1.6 billion design- build project to reconstruct and widen 16.6 miles of I-820, I-20 & US-287. Steven was EOR for 3 of the bridges on the project and designed pre-stressed concrete girders, bent caps, columns, and foundations for these bridges. Steven designed several of the more complicated post-tensioned straddle bents on the projects requiring limited vertical clearance.		

16. STAFF EXPERIENCE | STEVEN HAYNES, PE CONTINUED

07/20-12/20	El Paso County, South Academy Blvd over BNSF Rehabilitation, El Paso County, CO. Bridge Engineer for the scour mitigation design for a 5-span, prestressed concrete girder bridge over Fountain Creek in Colorado Springs. As part of the bridge preservation efforts, Steve developed bridge foundation strengthening details for the existing piers in the floodplain.
03/18-Ongoing	DOTD (H.004273) I-49 Connector, Lafayette, LA. Task Assignments included the conceptual designs of Signature Bridge Options totaling approximately 840 feet in length and a main span approximately 400' over Johnstown Blvd. Technical Task Leader and for AECOM Denver's portion of this design study report. Mr. Haynes provided QC for the superstructure and design of the substructure elements for this bridge, including straddle bents in excess of 130' in length. AECOM Denver was tasked with the design for Spliced U-Girder Alternative. The viaduct consisted of multiple structures. The study area and was in excess of 15000' long with a number of ramps. Considering the parallel I-49 structures, the overall bridge length studied was in excess of 10,000 feet each and over 120 spans total. Midas and CSiBridge were utilized for the designs of the structures. Designed the structure in accordance with DOTD's Guidelines and AASHTO LRFD requirements.
10/17-12/19	Frederick Douglass Memorial Bridge, Washington DC Department of Transportation, Washington DC. Structural Engineer designing foundations for this 3 span suspended arch bridge crossing the Anacostia River. The bridge is 1445' in length with spans 540' over the main channel. Challenges included designing deep pile foundations in soft soils, including the design of the bridge for active threats, such as ship collisions which could potentially damage several supporting piles at the piers. The design plans comply with Washington D.C's DOT Standards and AASHTO's LRFD Requirements.
09/18-05/19	DOTD (H.011670), I-10 at Loyola Drive Interchange Design-Build Tender Offer, Kenner, LA: Structures Engineer for interchange improvements at the I-10 at Loyola Drive to provide new access ramps to and from the new passenger terminal at Louis Armstrong International Airport. Sean's design tasks included evaluating alternative technical concepts, preliminary design and layouts for prestressed concrete LG girder superstructures, proposal plan development and quantity calculations for estimating and bid.

16. STAFF EXPERIENCE

		Firm	AECOM	
Name: Bridget Malinowski, PE, MIAM Title: Asset Management Practice Lead, Associate Vice President		Years of relevant experience with this employer		26
		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		BS / 1999 / Geological Engineering		
Active Registration Number / State / Expiration Date		PE.062-060472 / IL / 11-2027; PE.143492 / TX / 12-2027; Institute of Asset Management / 6127986		
Year Registered		2008	Discipline	Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Structure Asset Management Plan Development Task Lead. <i>Bridget will lead structure asset management plan development, helping DOTD translate inspection data, maintenance needs, stakeholder input, and lifecycle considerations into actionable bridge preservation strategies. As AECOM's Transportation Asset Management Practice Lead, she brings public-sector transportation experience focused on maintenance, preservation, rehabilitation, reconstruction, and replacement planning.</i>		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
01/04 - 07/17	Illinois State Toll Highway Authority, Systemwide Design Corridor Manager (DCM) – Illinois Tollway Consultant Engineer Services, Northeastern Illinois. Deputy Project Manager responsible for the development and implementation of the Tollway's \$1.58B systemwide repair program with the Tollway's capital programs (both the CRP and MI) all based off of the 50-year asset management plan (AMP) that was created as part of this project. The 50-year AMP was developed by creating life cycles and deterioration for a variety of assets ranging from structural, pavement, safety, and other ancillary assets. For the repair program, she identified repairs and funding requirements, assigned project work to appropriate design firms and followed through into construction to confirm repairs are completed to the Tollway's quality and safety standards. Annual expenditures under her supervision range from \$25 million to \$100 million, based on system needs and funding.			
10/23 - Ongoing	Illinois State Toll Highway Administration, Pavement Management Support, Chicago, IL. Technical lead responsible for overseeing the maintenance and update the Tollway's Pavement Asset Management Plan (PAMP) and the Ramp Asset Management Plan (RAMP) to include Condition Rating System (CRS), Remaining Service Life (RSL), and smoothness (International Roughness (IRI)) values shown over time, and by Mile Post, for Tollway segments. The PAMP is a resource for rehabilitation and reconstruction planning of the mainline pavement and shoulders, while the RAMP focuses on ramp pavement and shoulders. Also responsible for maintaining and using a pavement management system that supports the environmental and economic principles by optimizing the management of pavements, including preservation, maintenance, rehabilitation, and replacement, to maximize service life. This reduces costs, the environmental impacts of construction, and raw material usage. Responsibilities include annual updates to the Tollway pavement management system, which involves updating current construction history, traffic, cost, pavement condition data, CRS, RSL, and IRI in OpenGov (formerly Cartegraph) to document actual performance. This data is utilized for the programming of system-wide projects and to develop a 50-year asset management plan. The Illinois Tollway utilizes the data to plan capital improvement projects, while also identifying efficient ways to package and execute preservation projects.			
09/23 - Ongoing	Colorado Department of Transportation, Bridge and Tunnel Enterprise (BTE) Bridge Program Management, Denver, CO. Asset Management Specialist. Serves as subject matter expert supporting best practices and lifecycle recommendations for more than 200 bridges in the Bridge and Tunnel Enterprise inventory. Work includes stakeholder interviews and recommendations for managing existing bridge assets while allowing for future inventory additions.			

16. STAFF EXPERIENCE | BRIDGET MALINOWSKI, PE, MIAM CONTINUED

03/26 - Ongoing	Ohio Turnpike Infrastructure Commission, Long Term Asset Management Plan, Ohio. Project Manager for a multi asset Long Term Asset Management Plan (LTAMP) for a major transportation tolling authority, directing development of a comprehensive 10 year and 50 year capital investment strategy across 18 infrastructure asset classes. Leading scope, schedule, and budget; coordinated multidisciplinary technical teams; facilitated stakeholder workshops; and oversaw delivery of risk based prioritization, lifecycle cost analysis, capital programming, and executive level reporting aligned with ISO 55000 and FHWA best practices.
09/24 - Ongoing	Kane County Department of Transportation, Asset Management, IL. Project Manager responsible for delivering asset management maturity to the Department of Transportation. Responsibilities include gap analysis and identifying best practices, establishing asset management goals, policies, and objectives, evaluating existing asset inventories, developing reports and dashboard templates, developing performance metrics and standard operating procedures for assets, recommending life cycle standards, developing risk assessment strategies, establishing planning horizons and financial planning strategies, and developing processes to integrate asset management into daily operations. The project is also laying out the framework for the County's transportation asset management plan, developing data dictionaries and data hierarchies, and assisting with process documentation as requested.
09/22 - 03/26	Chicago Skyway Concession Company, Asset Management – Asset Management Assessment and Development, Chicago, IL. Project Manager responsible for helping the SCC identify gaps in their asset management capabilities and provide recommendations for improvement along with an implementation plan. The role also review CAPEX and OPEX expenditures to determine historical cost drivers and identify areas for improvement. Project Manager responsible for reviewing vendor RFP and managing software (AMS) and data collection vendors to build inventory and condition for SCC assets. Vendors include asset management software (OpenGov), traffic speed deflector, LiDAR, digital twin and artificial intelligence for bridge data collection. Responsibilities also include guiding AMS implementation, developing AM guidelines, data dictionaries and hierarchies, AM organization and policies.
10/22 - Ongoing	Cook County Department of Transportation and Highways, Systemwide Pavement Rehabilitation and Asset Management (SPRAM), Northeast Illinois. Project Manager responsible for overseeing all aspects of the contract. Current work orders include updating the current pavement management system including newly collected data and updating the future program based on budget, condition, and stakeholder priorities, extracting assets from data collection efforts and creating data dictionaries and hierarchies so data can be uploaded into Cityworks for Maintenance to use for work orders and contractors to use for installation. Other work orders include developing an internal dashboard to provide stakeholders with pavement program metrics for responding to municipalities and public inquiries.
09/22 - Ongoing	Cook County Department of Transportation and Highways, Engineering Various, Northeast Illinois. Project Manager responsible for overseeing all aspects of the contract. There are currently 18 different work orders varying in scope from survey, pavement management, Phase II bridge repair and rehabilitation design, ITS conceptual design, public outreach, facility concept and study, staff augmentation, asset management software support, construction support, and geometric review.
09/17 - Ongoing	Chicago Metropolitan Agency for Planning, Project Management for Pavement Management Program, Northeastern Illinois. Project Manager managing pavement management implementations for over 90 municipalities located around the Chicago area. Responsibilities include managing schedule, budget, and vendors and municipal expectations. The role includes educating municipalities on the benefits of preservation and asset management and providing support to CMAP staff in managing the various vendors working on multiple municipalities concurrently. Ms. Malinowski was responsible for bringing consistency between vendors and adding excellence to the vendors by sharing challenges and successes between municipalities and vendors. As the program manager over multiple vendors doing data collection, was also responsible for data quality review and plan development consistency.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Myles Martin, EI Title: Structural Engineer II		Years of relevant experience with this employer	4
		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2022 / Civil Engineering	
Active Registration Number / State / Expiration Date		EI.0035305 / LA / 03/31/2028	
Year Registered		2022	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Bridge Design; Shop / Working Drawings. Myles has 4 years of experience in structural engineering. His experience includes the preliminary/ final design and analysis of reinforced and prestressed concrete bridges, culverts and retaining walls for state DOT projects. In addition to design work, Myles has performed bridge inspections, load rating evaluations, and site visits for DOTD, providing condition assessments and engineering recommendations for existing structures. He has experience supporting both Design-Bid-Build and Design-Build projects that regularly collaborate with multidisciplinary teams to facilitate efficient project delivery. Myles has demonstrated proficiency with AASHTO LRFD Bridge Design Specifications and various state DOT design manuals. His technical skills include experience with Bentley software, Microsoft Excel, as well as 2D and 3D CAD platform.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
04/25 - Ongoing	ODOT, Brent Spence Bridge Corridor Project, Kenton County, KY. EIT responsible for developing several retaining walls plans to 100% final design. Performed design and production support for transportation projects by verifying wall elevations and roadway geometry calculations using Excel, developing design models and construction drawings in OpenRoads Designer, and preparing retaining wall quantity calculations using Excel and modeling software.		
01/26 - Ongoing	DOTD, IDIQ Movable Bridge Contract. Supported bridge inspections, condition assessment and rehabilitation planning for movable bridges across Louisiana, key aspects of project include field inspections, documenting structural deficiencies, reviewing plans and specifications, and preparing detailed cost estimates for maintenance and repair projects under the contract.		
04/26-Ongoing	DOTD, No. H.01970: LA-561 Boeuf River Bridge Project, Hebert, LA. EIT responsible for taking the LA-561 Project to 100% final design. Utilizing MicroStation to develop detailed construction drawings, Mathcad for structural calculations, Bentley LEAP Bridge for bridge analysis and design, and STAAD Pro for structural analysis of bridge components in accordance with state DOT requirements.		
04/25-10/25	DOTD, No. H.01560: LA-641 Bridge Insp and Repair, St. James Parish, LA. EIT tasked with assessing the scope of repair work including materials, labor and equipment, to generate accurate cost and quantity estimates, utilizing Microstation to develop bridge plans, girder layout and Girder Repair sheets, using Excel and Microsoft Word to summarize pre-inspection damage, and assisting on bridge inspection to evaluate damage on bridge by use of a boom lift to perform visual and physical examinations to identify wear and damage that could compromise the girders functionality in effort for the overall analysis and design of repair.		
09/23-06/24	DOTD, No. H.011993: LA-10 Bayou Carron Bridge Project, Opelousas, LA. As an EIT responsible for taking the LA-10 Bayou Carron Bridge Project to 100% final design, I supported bridge design efforts involving bridge decks, prestressed concrete girder systems, and substructure components including abutments and bent caps, with emphasis on structural capacity, durability, load distribution, and long-term performance. Utilized MicroStation to develop detailed design models and construction drawings, Mathcad for structural calculations and code verification, Bentley LEAP Bridge for bridge analysis and design, and STAAD Pro for structural analysis of bridge components in accordance with AASHTO and state DOT requirements.		

16. STAFF EXPERIENCE | MYLES MARTIN, EI CONTINUED

07/24 - Ongoing	DOTD Bridge Load Rating IDIQ, 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 - Ongoing	TxDOT, Oak Hill Parkway, San Antonio, TX. Performed construction support activities and quality support/quality assurance tasks for multiple bridge structures throughout project. Tasks commonly done on project include but not limited to: Preparing and review of detailed girder, prestressed concrete panels, box culvert, steel bridge form, retaining wall and sealed expansion joint shop drawings; Coordinating Requests for Information responses to resolve technical issues and clarify design details during construction.
8/23-Ongoing	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. I also supported various engineering and inspection tasks through the preparation and review of shop drawings for girders, prestressed concrete panels, box culverts, steel bridge forms, retaining walls, and sealed expansion joints. Coordinated responses to Requests for Information (RFIs) to address technical issues and clarify design intent during construction and performed plan markups using MicroStation to incorporate design revisions for accurate project documentation.
07/23-Ongoing	TxDOT, Southeast Connector, Dallas, TX. Performed construction support activities and quality support/quality assurance tasks for multiple bridge structures throughout project. I also supported various engineering and inspection tasks through the preparation and review of shop drawings for girders, prestressed concrete panels, box culverts, steel bridge forms, retaining walls, and sealed expansion joints. Coordinated responses to Requests for Information (RFIs) to address technical issues and clarify design intent during construction and performed plan markups using MicroStation to incorporate design revisions and maintain accurate project documentation.
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. AutoCAD was used in bridge design to create detailed 2D, including plans, elevations, sections, and details, ensuring accurate and efficient representation of bridge components for construction and analysis.
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, Kansas. 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 set 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.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Adam Moline, PE, IAM		Years of relevant experience with this employer	3
Title: Asset Manager		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization		BS / 2008 / Civil Engineering,	
Active Registration Number / State / Expiration Date		PE.062-065206 / IL / 2027	
Year Registered		2013	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Dashboarding / Software Support. Adam brings more than 19 years of transportation experience for municipal, state, tolling, and federal clients. He specializes in transportation design, planning, asset management, program management, and decision-support systems. Adam has developed asset management plans, workflows, data structures, dashboards, and reporting tools to support inventory, condition assessment, preservation programming, maintenance planning, and capital investment decisions. As an Asset Manager with AECOM's Global Transportation Asset Management Team, Adam supports asset management implementation, data processing, technical process development, EAMS integration, KPI reporting, and business insights using tools such as Power BI, DAX, Python, and D3.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
2/23 - 10/25	CDOT, Bridge and Tunnel Enterprise Bridge Program Management, CO. Asset Management Specialist / Subject Matter Expert. Supported CDOT's Bridge and Tunnel Enterprise in delivering the state's largest bridge replacement and rehabilitation program. Responsibilities included program management, financial planning, bridge project prioritization, four-year and 10-year program plans, statewide prioritization models, schedule and performance metrics, cash flow forecasting, and financial reporting. Developed a Power BI prioritization tool to calculate and visually communicate bridge needs.		
4/14 - 7/17	Illinois Tollway, Systemwide Design Corridor Manager / Consultant Engineer Services, Northeastern IL. Project Engineer / Data Analyst. Assisted in development and implementation of the Tollway's \$1.58 billion systemwide repair program based on a 50-year asset management plan. Work included lifecycle and deterioration modeling for structural, pavement, safety, and ancillary assets; identifying repairs and funding needs; assigning work to design firms; supporting construction follow-through; and developing 10-year CIP models and executive dashboard reports using D3 and Power BI.		
5/23 - 1/26	Chicago Skyway Concession Company, Asset Management Program Development, Chicago, IL. Asset Management Consultant. Supported development of the Chicago Skyway asset management program by identifying capability gaps, preparing improvement recommendations, reviewing CAPEX and OPEX expenditures, and managing asset management software and data collection vendors. Work included OpenGov implementation, LiDAR, digital twin and artificial intelligence support for bridge data collection, data dictionaries, asset hierarchies, AM policies, KPI reporting, and a Long Term Maintenance Management Plan.		
4/14 - 7/17	Illinois Tollway, Asset Management / Annual General Consultant Services, Northeastern IL. Project Engineer. Supported Trust Indenture services, including inspection of assets across the 292 centerline-mile tollway system. Assisted with implementation of the asset inventory system and inspection software using GIS and EAMS integration. Assets included bridges, retaining walls, noise walls, overhead sign structures, facilities, drainage structures, barriers, ITS, lighting assets, and NPDES outfalls.		

6/25 – Ongoing	Kane County Division of Transportation, Asset Management Program Development, Kane County, IL. Asset Management Consultant. Supports development of KDOT's asset management program. Responsibilities include gap analysis, best practices review, asset management goals and policies, inventory evaluation, reports and dashboard templates, performance metrics, SOPs, lifecycle standards, risk assessment strategies, planning horizons, financial planning strategies, data dictionaries, data hierarchies, and process documentation.
1/23 – Ongoing	CDOT, Transportation Asset Management AIMS Consultant, Denver, CO. Asset Management Consultant. Provided technical oversight to enhance statewide asset management practices across 11 asset classes. Work included condition models, degradation curves, criticality and risk frameworks, performance targets, lifecycle treatment strategies, capital investment tool enhancements, cross-asset optimization, dashboard reporting, QA/QC of asset data, and training for asset owners and decision-makers.
01/26 – Ongoing	KYTC, Statewide Roadside Barrier Inventory and Assessment, KY. Project Manager. Leads statewide inventory and assessment covering approximately 16,000 centerline miles. Responsibilities include scope, schedule, budget, risk management, QA/QC, LiDAR- and imagery-based asset extraction, condition and functional assessments, data governance, dashboard reporting, system integration, stakeholder coordination, executive reporting, and turnover of enterprise-ready datasets.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Hannah O'Rosky		Years of relevant experience with this employer 2.7	
Title: Digital Solutions Business Analyst III		Years of relevant experience with other employer(s) 3	
Degree(s) / Years / Specialization		BS / 2017 / Biological and Physical Sciences	
Active Registration Number / State / Expiration Date		n/a	
Year Registered		n/a	Discipline n/a
Contract Role(s) / Brief Description of Responsibilities		Dashboarding/Software Support. <i>Hannah is a detail driven Digital Solutions Business Analyst III specializing in data systems, analytics, and digital workflows. She translates complex technical information into clear, actionable solutions that strengthen reporting, improve data integrity, and enhance user experience. Her portfolio spans national and global initiatives, including modernizing documentation environments, developing scalable policy standards, and building interactive Power BI dashboards that support data driven decision making. Known for her methodical approach, collaborative communication style, and commitment to system usability, Hannah delivers practical, user centered solutions that improve efficiency and elevate organizational insight. Certification: Data Analytics and Visualizations</i>	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
10/25-Ongoing	Illinois Department of Transportation, Illinois, USA. Integrated statewide bridge data into Power BI to automate reporting and provide real-time visibility into quality control workflows. Designed and implemented interactive dashboards that deliver insights on process efficiency, data quality, regional performance, and forecasting		
10/25-12/25	Cook County Bureau of Asset Management, Illinois, USA. Assisted in developing and designing a Power BI dashboard to unify reporting across multiple portfolios. Created clear, centralized views of key metrics to improve transparency and support agency goals.		
2/26-3/26	Kane County Division of Transportation, Illinois, USA. Developed a demonstrational Power BI dashboard to illustrate how Kane County's bridge inventory and inspection data could be transformed into interactive analytics. Structured and modeled data from existing Access sources to demonstrate potential insights on structural conditions, inspection workloads, and bridge performance, outlining a scalable path toward future SNBI enabled reporting.		
4/25-Ongoing	Commonwealth of Kentucky Transportation Cabinet, Kentucky, USA. Developed a demonstrational ArcGIS Dashboard to illustrate how the roadside barrier study could be visualized in interactive and living analytics. Modeled data using statewide road and milepost data to demonstrate insights on inspection status, guardrail condition, operations metrics, and GIS mapped completion information outlining a scalable path toward data integration into the ArcGIS Dashboard		
5/26-Ongoing	Ohio Turnpike and Infrastructure Commission, Ohio, USA. Assisted in cleaning and structuring asset data to support the development of a long-term asset management plan. Identified data gaps and inconsistencies in client-provided datasets to improve overall data quality. Supported the classification of assets into standardized class levels, enabling roll-up reporting and clear visualization of capital investment distribution within the Capital Investment Program tool.		
06/23-8/25	Project Zeus, High Tech Client, Global. Collaborated with global engineering and project teams to optimize an electronic document management system (EDMS). Led large-scale documentation migration, conducted metadata reviews, and developed policies to improve data integrity and accessibility across thousands of records.		

16. STAFF EXPERIENCE

		Firm AECOM		
Name: Robert Peskin, PhD Title: Senior Consulting Manager		Years of relevant experience with this employer		49
		Years of relevant experience with other employer(s)		0.5
Degree(s) / Years / Specialization		PhD / 1977 / Civil Engineering,; MS / 1975 / Civil Engineering; BS / 1973 / Civil Engineering		
Active Registration Number / State / Expiration Date		n/a		
Year Registered		n/a	Discipline	n/a
Contract Role(s) / Brief Description of Responsibilities		Capital Investment Planning & Economics. Robert will support asset investment planning and economic analysis by assembling and analyzing asset data to identify backlog needs, future annual investment requirements, and the impacts of alternative funding levels on asset performance. His experience includes transit asset management plans, state-of-good-repair decision support tools, lifecycle cost analysis, capital needs forecasting, data quality improvement, and funding scenario analysis for major transit agencies.		
Experience Dates (mm/yy - mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
04/25 - 03/26		Transit Asset Management Plan, Central Florida Regional Transportation Authority (LYNX). Supported updating the LYNX Transit Asset Management (TAM) Plan to meet FTA requirements and to strengthen the agency's ability to manage assets, prioritize capital investments, and maintain state of good repair. Assisted in identifying and assessing systems used to track assets including LYNX's current asset management systems. Supported the assembly of a current inventory of all LYNX assets and updated applicable asset systems to reflect status of rolling stock, equipment and facilities.		
07/24 - 03/25		Sales Tax Reduction Capital Needs Funding Analysis, Dallas Area Rapid Transit, Dallas, TX. Managed an analysis of the potential impacts of reducing the dedicated DART sales tax from 1.00% to 0.75%, a funding action that was advocated by several of DART's member cities. Applied an analytical platform based on a web-based analytical platform originally developed for the New York Metropolitan Transportation Authority. The AECOM State of Good Repair Decision Support Tool (SGR Tool) was applied to emulate capital programming decisions based on facts known and quantification of investment policy.		
10/23 - 01/25		Sepulveda Corridor Heavy Rail Alternative Asset Inventory and Life Cycle Cost Analysis, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA. Managed the assembly of detailed asset data from preliminary (15 percent) engineering drawings and cost estimates. Worked with cost estimators to identify individual equipment items for each room identified in drawings for passenger stations; mid-mountain ventilation shaft; maintenance of way, vehicle maintenance, and administration & employee welfare building. A 3,400 line-item asset inventory was developed and applied in a life cycle cost analysis model that estimated life cycle costs over 35, 50, 75, and 100 year analysis period and for a range of discount rates. The life cycle cost analysis analyzed costs in base year and year of expenditure dollars.		
01/22 - 09/23		Data Quality Improvement, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA.: Managed a comprehensive review of the asset inventory used in SEPTA's state-of-good-repair decision support tool. The original 2013 inventory included 6,600 asset line-items, many of which were outdated, incomplete, or too aggregated to support credible investment needs analysis. Robert examined new data sources across 13 asset classes, including bridges, communications, elevators/escalators, power, signals, stations, track, tunnels, and vehicles. Using inspection reports, CAD drawings, and procurement data, he expanded the inventory to more than 75,000 line-items. Bridge inspection data was organized by bridge, span, and component type, then tested in SGR analyses comparing annual spending levels from historic funding to the SEPTA FY2023–42 Capital Program.		

02/18 - 09/20	Group Transit Asset Management Plan and Metro Transit Asset Management Plan Update, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA. Supported Metro in developing two transit asset management (TAM) plans. The first TAM plan was a group plan for the Tier II providers in Los Angeles County (~35 agencies that have 100 vehicles or less). Supported the assembly of asset inventory data and condition assessments of facilities, application of the data to decision support tools, and the development of capital investment priorities within constrained budgets. Supported the reporting of asset inventory data to the National Transit Database, data collection validation and quality control, and documentation. The second TAM plan was an update of a TAM plan previously prepared by Metro. Supported documenting the application of the decision support tool and investment prioritization, developing a TAM and state of good repair (SGR) policy, evaluating progress since the original TAM plan was developed, and reviewing implementation activities. This included a comprehensive application of the FTA TERM Lite decision support tool on approximately 20,000 assets in the Metro asset inventory. Prepared elements of the revised Metro TAM plan document.
02/18 - 02/19	State of Good Repair/Decision Support Tool, Metropolitan Transportation Authority, New York, NY. Managed work to support MTA in developing asset-based projections of state-of-good-repair (SGR) backlog, future SGR needs, and future condition of MTA assets and operating implications in fiscally constrained scenarios. This provided an analytical enhancement to the MTA's existing Twenty Year Needs Assessment process. The underlying goals of analysis was to develop a compelling justification for funding the MTA Capital Program and to better anticipate future capital funding needs for each MTA operating agency. As the analytical platform, AECOM applied a new cloud-based state-of-good-repair decision support tool.
10/12 - 07/20	SGR Database Enhancements, Massachusetts Bay Transportation Authority, Boston, MA. Supported improvements to the SGR analysis tool that AECOM had previously developed for the MBTA. Recommended modifications to the level of detail and hierarchical structure of the asset inventory. Supported the development of a new methodology to prioritize infrastructure investments in a budget-constrained context, based on consideration of physical age, condition, and performance; risk assessment based on affected ridership; benefit/cost based on the net present value of operating and maintenance savings over the life time of a new asset compared to an existing asset; and the score from a decision support tool that rates projects against strategic goals. Supported final roll-out of the enhanced application, including exploration of alternative funding levels and weights of prioritization factors both systemwide and by mode.
12/17 - Ongoing	Capital Program Analysis, Elizabeth River Crossings Opco, LLC, Portsmouth, VA. Supported the analysis of annual investment levels to achieve asset condition requirements of the Concession Agreement for the operation and maintenance of two sub-aqueous highway tunnels and approach roadways connecting Portsmouth and Norfolk, VA. Trained ERC staff in application of the capital investment planning tool developed by AECOM. Summarized the 3,285 line-item inventory into an asset hierarchy of 226 asset types with unique useful lives and unit costs.
02/12 - 07/16	Capital Asset Condition Assessment, Metra, Chicago, IL. Supported the development of an Asset Management Plan, including participation in a series of Steering Committee meetings to brief Metra staff on asset management principles. Supported the implementation of the RTA Capital Optimization Support Tool (COST), including conversion of asset inventory data to a format suitable for analysis. Managed a comprehensive state-of-good-repair analysis, estimating current SGR backlog, projecting future SGR needs, and – most importantly – projecting the impact on future asset condition of not fully funding the backlog and SGR needs. Examined backlog, needs, and condition by Metra line and by major asset category.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Camden Pfeiffer, EI Title: Civil Engineer I		Years of relevant experience with this employer	2
		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2024 / Civil Engineering	
Active Registration Number / State / Expiration Date		EI.0035753 / LA / 09-30-2026	
Year Registered		2024	Discipline Civil Engineering EI
Contract Role(s) / Brief Description of Responsibilities		MOT / Construction Phasing. Camden will support MOT and construction phasing for bridge preservation and repair task orders by assisting with temporary traffic control, sequencing, constructability reviews, and plan development. His experience includes DOTD bridge replacement and improvement projects, roadway geometry, drainage coordination, CAD modeling, quantity calculations, engineer's estimates, and support for corridor and intersection improvements. He brings practical experience developing design details that maintain traffic, support construction staging, and coordinate roadway, drainage, and bridge elements.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
01/25–Ongoing	DOTD, 11 Bridge Replacements, Various Parishes, LA. EI. Supported planning, engineering, and design services for replacement of 11 aging bridges with modern box culverts. Conducted site assessments, assisted with quantity calculations, and supported preparation of probable cost estimates.		
11/25–01/26	DOTD, Movable Bridge Inspection Program, Various Locations, LA. EI. Assisted with inspections of movable bridge deck and structural components and supported preparation of inspection documentation for engineering evaluation reports.		
12/25–Ongoing	Mississippi Department of Transportation (MDOT), MS 302 at Alexander Road Signalized Median U-Turn Intersection, Desoto County, MS. EI. Supported conceptual, preliminary, and final design of intersection improvements including horizontal and vertical geometry modeling, drainage design, plan sheet preparation, and field visits.		
10/24–Ongoing	DOTD, LA 44 over Maurepas Swamp Diversion, New Orleans, LA. EI. Assisted with geometric roadway design and drainage modifications for a 0.426-mile arterial corridor. Responsibilities included CAD drafting, roadway and drainage design support, project coordination, and preparation of engineer's estimates.		
06/23–Ongoing	East Baton Rouge Parish MOVEBR Program, College Drive Corridor Enhancement, Baton Rouge, LA. EI. Assisted with drainage calculations for proposed drainage structures, CAD modeling of roadway improvements, and preparation of engineer's estimates supporting corridor access management and pedestrian improvements.		
05/23–02/24	City of New Orleans Department of Public Works (NOPWD), School Zone Flasher Upgrades, New Orleans, LA. EI. Supported research and evaluation of equipment upgrades for school zone flasher beacons including development of specifications and layout recommendations for beacon installations and communication systems.		

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Jacques Pieterse, PE Title: Indiana / Michigan Bridge Department Manager		Years of relevant experience with this employer	14
		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		BS / Civil Engineering / 2008	
Active Registration Number / State / Expiration Date		PE.12000751 / IN / 7/31/2028; PE.139912 / TX / 12/31/2026; PE.29647 / NM / 12/31/2027	
Year Registered		2020	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Bridge Design / Repair. Jacques has 17 years of bridge engineering experience, including on-site construction supervision for two multimillion-dollar infrastructure projects. He specializes in post-tensioned, pre-tensioned, and reinforced concrete structures, with rehabilitation experience including deck overlays, scour protection, approach slab replacements, and bridge barrier rail replacements. He is proficient in Bentley RM Bridge, LEAP Concrete, and PGSuper, with working knowledge of Sofistik, LEAP Steel, and LARS. His experience across multiple countries includes TMH7, AASHTO, EN, and BS design codes. As an AECOM Registered Project Manager, Jacques currently leads the Indiana Bridge group, and supports client relationships and business development.	

Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
08/19 - 08/21	Indiana DOT (INDOT), Bridge Culvert Preservation Maintenance Agreement Projects (BCPMA), Indiana. Design Engineer and Project Manager responsible for the successful delivery of the above mentioned BCPMA projects. The scope of work included rehabilitation/preservation work on 38 bridges, ranging from deck and substructure patching to joint replacements.
05/19 - 11/22	INDOT, Darwin Road Over I-70, Bridge Rehabilitation, Indiana. Design Engineer and Project Manager responsible for the successful delivery of the above-mentioned bridge rehabilitation project. The existing bridge is a four-span continuous steel beam (center two spans) and reinforced girders (end spans) with cast in place concrete slab, total length of 236 ft. This project involves a superstructure replacement, replacing the end concrete beam spans with steel beams and reusing the center span steel beams.
02/18 - 04/19	Kentucky Transportation Cabinet (KYTC), Bridging Kentucky Quick Wins Rehabilitations, Kentucky. Design Engineer responsible for the structural design of three superstructure replacement projects. All three structures are one span, simply supported, structures. Project 013C00050N entailed replacing the existing steel beam and slab deck with an adjacent box beam deck, project 047C00014N entailed replacing the concrete deck slab of an existing steel beam and slab bridge and project 035B00018N entailed replacing the existing reinforced concrete beams with a composite steel beam and slab deck.
09/19 - 11/21	INDOT, US 6 over Branch of Deep River, Bridge Rehabilitation, Indiana. Design Engineer and Project Manager responsible for the successful delivery of the above-mentioned bridge rehabilitation project. Rehabilitation work included a rigid concrete deck overlay with other miscellaneous items.
09/19 - 11/21	INDOT, US 20 over Willow Creek, Bridge Rehabilitation, Indiana. Design Engineer and Project Manager responsible for the successful delivery of the above-mentioned bridge rehabilitation project. Rehabilitation work included a rigid concrete deck overlay with other miscellaneous items.
09/19 - 11/21	INDOT, US 12 EB/WB over Burns Ditch, Bridge Rehabilitation, IN. Design Engineer and Project Manager responsible for the successful delivery of the above-mentioned bridge rehabilitation project. Rehabilitation work included a rigid concrete deck overlay with other miscellaneous items.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Matthew Pregmon, PE, SE		Years of relevant experience with this employer	27
Title: Structural Inspector		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	MS / 1998 / Civil Engineering BS / 1997 / Civil Engineering		
Active Registration Number / State / Expiration Date	PE.62054986 / IL / 11-30-2027; SE.081006009 / IL / 11-30-2026; PE.40182-6 / WI / 7-31-2026		
Year Registered	2001	Discipline	Civil Engineering
Contract Role(s) / Brief Description of Responsibilities	Treatment Best Practices & Maintenance Plan. <i>Matthew brings 28 years of structural engineering and program management experience for major transportation clients, including the Illinois Tollway, IDOT, Cook County, and CDOT. His experience includes bridge asset management, systemwide repair planning, bridge deterioration modeling, lifecycle cost analysis, inspection coordination, emergency response planning, bridge rehabilitation, preservation design, and development of bridge management plans.</i>		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
09/23 - 05/25	Colorado DOT, Statewide Bridge and Tunnel Enterprise Program Support Services, CO. Structural Engineer. Supported development and implementation of an asset management program focused on timely, low-cost bridge maintenance treatments to extend the service life of Bridge and Tunnel Enterprise-owned bridges.		
03/07 - 12/17	Illinois State Toll Highway Authority, Annual General Consultant Services, Downers Grove, IL. Structural Engineer. Served as structural engineer for a structural asset management program that included 690+ bridges, 700+ structural walls, and 600+ overhead sign structures. Tasks included developing a multi-year systemwide repair plan, maintaining the structure inventory database, preparing the annual maintenance plan, resolving technical issues, customizing a bridge asset management system using Cartegraph, creating bridge deterioration models, comparing repair strategies using bridge life cycle cost analysis, preparing designer scopes of work, reviewing design plans, coordinating annual inspections, developing inspection procedure manuals, writing annual inspection summaries, and maintaining an emergency response manual for tollway structural assets.		
01/20 - 12/20	Cook County Department of Transportation and Highways, Bridge Management Plan, IL. Structural Engineer. Contributed to development of a Bridge Management Plan for more than 100 bridges maintained by Cook County. The plan defined the essential elements of a program-level bridge management system, reconfirmed existing bridge management strategies, and provided a comprehensive resource for administrators, managers, and engineers responsible for bridge assets.		
03/23 - 01/26	Cook County Department of Transportation and Highways, Master Service Agreement, IL. Lead Structural Engineer. Served as lead structural engineer for rehabilitation and preservation of multiple bridges throughout the county. Tasks included field verification, scoping, and plan preparation.		
03/23 - 10/25	Skyway Concessionaire Company, Asset Management Review and Oversight, Chicago, IL. Structural Engineer. Coordinated and provided quality assurance reviews of vendors developing a digital twin model for the Chicago Skyway. Assisted in development of an asset management database for bridges, retaining walls, sign structures, and other infrastructure.		
01/99 - 05/04	Chicago Department of Transportation, Skyway Inspection, Planning, and Analysis, Chicago, IL. Structural Designer. Supported load rating and fatigue analysis of overpass, truss, and viaduct bridges along the Chicago Skyway for as-built and current conditions. Responsibilities included coordination of annual bridge, facility, and roadway inspections; preparation of annual inspection reports and contracts; documentation of 7,000 historical record drawings; and preparation of a database to track drawing status.		

16. STAFF EXPERIENCE

	Firm AECOM		
Name: James Proctor, PE Title: Program Manager	Years of relevant experience with this employer 6		
	Years of relevant experience with other employer(s) 12		
Degree(s) / Years / Specialization	BS / 2012 / Civil Engineering; MS / 2016 / Business Administration		
Active Registration Number / State / Expiration Date	PE.0056752 / CO / 10-31-2027		
Year Registered	2019 <table border="1" data-bbox="1035 375 2001 430"> <tr> <td data-bbox="1035 375 1329 430">Discipline</td> <td data-bbox="1329 375 2001 430">Civil Engineering</td> </tr> </table>	Discipline	Civil Engineering
Discipline	Civil Engineering		
Contract Role(s) / Brief Description of Responsibilities	Treatment Best Practices & Maintenance Plan. James has nearly 20-years of industry experience that spans construction, design, program/project management, and military construction. In his current role as a transportation program manager, he leads and supports large, complex transportation programs and projects. James serves as the client's trusted representative (Owner's Rep) ensuring delivery across the full program and project lifecycle, from planning through construction. He oversees overall program performance and reporting and serves as the primary client contact, develops program budgets, costs estimates and financial forecasts. Manages program risks and critical dependencies. Currently, James's primary role has him serving as the client program manager for Colorado Department of Transportation (CDOT) Statewide Bridge and Tunnel Enterprise (BTE), a program that serves as the primary delivery structure for the management, replacement, and/or rehabilitation of poor rated bridges across the state. The BTE program has annual dedicated revenue for bridge projects of approximately \$175M and has replaced or rehabilitated 240 structures with a combined deck area of approximately 2.5M square feet. The BTE program has a current active project portfolio of 42 structures in design or construction and to date has provided over \$3B in bridge and tunnel project funding. The BTE program runs its asset management program on replaced or rehabilitated structures by proactively planning and performing timely bridge preventative maintenance treatments and bridge preservation projects through condition-based triggers, cyclical, and routine maintenance.		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
04/20 – Ongoing	CDOT, BTE Program Management Support, CO. Program Manager. Responsible for developing and supporting implementation of a Bridge and Tunnel Enterprise asset management program for Enterprise-owned structures. Assists with planning, monitoring, and updating CDOT's primary bridge replacement program. Provides program support to help BTE carry out its statutory responsibilities for financing, repair, reconstruction, and replacement of designated bridges; completion of preventative maintenance bridge projects; and completion of tunnel projects as promptly and efficiently as possible. Leads semi-annual statewide coordination with CDOT Region staff to establish regional priorities and potential project delivery timelines. Serves in a client augmentation role directly responsible for updating BTE's Statewide Bridge Project Prioritization Plan, a bridge replacement project selection tool. Responsible for ongoing program activities including scoping, project selection, scheduling, quality control, quarterly reports, Board of Directors presentations, and other program reporting deliverables. Coordinates between CDOT branches related to BTE activities and eligible projects. Supports development and updates to the baseline programmatic cost estimate, schedule, financial models, programmatic strategies, performance tracking, mid- and long-range planning documents, program guidance, policies, procedures, IGAs, and design guidelines.		

04/20 – Ongoing	CDOT, Bridge and Tunnel Enterprise Program Management Support, CO. CDOT, BTE Program Asset Management, CO. Asset Management Support. Responsible for developing and supporting implementation of an asset management program for BTE-owned structures. Reviews SNBI inspection reports, previous maintenance records, bridge inventory data, and related structural plans after publication of BTE-owned asset bridge inspection reports. Analyzes inspection data to identify current structural deficiencies, evaluate severity of deterioration, and assess deterioration rate. Identifies necessary maintenance actions based on defect severity, potential safety risks, and regulatory compliance requirements. Develops recommendation lists for future maintenance, repair, or rehabilitation and updates the BTE treatment backlog based on new inspection information. Supports implementation of the intergovernmental agreement between BTE and CDOT, which serves as the procedural document to plan, fund, coordinate, and track bridge maintenance work plans.
04/20 – Ongoing	CDOT, Division of Transportation Development, Transportation Asset Management Modeling, CO. AECOM Project Manager. Serves as AECOM Project Manager supporting refinement and enhancement of CDOT's Asset Investment Management System, an advanced modeling platform that uses historical performance data, deterioration models, and treatment strategies to forecast asset conditions under varying funding scenarios. Leverages model outputs to identify cost-effective investment strategies and optimize treatment selections, enabling CDOT to meet performance targets across asset classes. Supports improved asset lifecycle management by maximizing system performance, extending asset life, and improving allocation of resources.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Brady Seston, PE		Years of relevant experience with this employer	14
Title: Bridge Deck NDT		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2011 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.45072 / WI / 07-31-2026	
Year Registered		2018	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Bridge Deck NDT. Brady is responsible for the coordination and scheduling of NDT inspection activities using infrared thermography, ground penetrating radar or concrete coring. As the NDT engineer, he has been responsible for client relationships, schedule coordination, data collection and reporting on numerous projects throughout the United States. Brady has worked with local municipalities, counties and state department of transportations on projects ranging from single bridge or roadway projects to yearly system wide inspection and rehabilitation projects. His diverse project background is beneficial in collaborating between multiple project staff and agencies.	

Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
06/16-04/17	DOTD, I-10 Atchafalaya Basin Bridge, Lafayette, LA. Project Engineer for the ground penetrating radar (GPR) survey using air-launched antennas to locate and quantify potential deterioration and depth of cover over the top layer of reinforcing steel in the concrete deck of the Atchafalaya Basin Bridge between Baton Rouge and Lafayette, Louisiana. The project included inspection of the driving lanes and shoulders in both directions and analysis of the westbound lanes only. The deck area of the westbound bridge totaled approximately 3,795,000 square feet.
12/15- 02/16	DOTD, LA Route 1 over Port Allen Canal, Baton Rouge, LA. Project Engineer for the infrared thermographic and (IR) ground penetrating radar (GPR) survey using ground contact antennas to locate and quantify delaminations and depth of cover over the top layer of reinforcing steel in the concrete deck of the Louisiana Route 1 bridge over the Port Allen Canal in Baton Rouge, Louisiana. The project included inspection and analysis of the driving lanes and shoulders in both directions. The total deck area inspected was approximately 140,000 square feet.
05/25-Ongoing	Wisconsin DOT, Statewide Vehicle IR and Chloride Ion Coring WO 2, Wisconsin. Project Manager for the statewide infrared thermographic (IR) inspection to locate and quantify delaminations in the concrete deck of 57 bridge decks for WisDOT. The project includes the inspection of the driving lanes and shoulders of the bridge decks. IR Plan views were created for each bridge to show the location of each defect. The IR surveys are used to assess the condition of the bridge deck. The deck area of the bridges totaled approximately 504,600 square feet. The project also included statewide concrete coring to determine the chloride ion content in the concrete deck of 43 bridge decks for WisDOT. The project consists of taking a minimum of three cores per deck for chloride testing. A total of 125 cores and 250 chloride ion tests were planned.
05/24-02/25	Wisconsin DOT, Statewide Vehicle IR and GPR Surveys WO 4, Wisconsin. Project Manager for the statewide vehicle infrared thermographic (IR) to locate and quantify delaminations in the concrete deck of 219 bridges for WisDOT. The project includes the inspection of the driving lanes and shoulders of the bridge decks using vehicle-mounted thermal cameras. Infrared plan views were created for the bridges to show the locations of each defect. The IR surveys are used to determine the bridge deck condition. Ground penetrating radar (GPR) inspections consisted of using air-launched horn antennas to locate the depth of cover over the top layer of reinforcing steel and potential deterioration on 22 bridges. The deck area of the bridges totaled approximately 2,378,000 square feet.

05/24-05/25	Wisconsin DOT, Statewide Underside IR and Chloride Ion Coring WO 5, Wisconsin. Project Manager for the statewide underside infrared thermographic (IR) inspection to locate and quantify delaminations on the deck underside of 47 bridges for WisDOT. Infrared plan views were created for the bridges undersides to show the locations of each defect. Project Manager for the statewide concrete coring to determine the chloride ion content in the concrete deck of 44 bridge decks for WisDOT. The project includes taking a minimum of three cores per deck for chloride testing. Plan views were created to show location of each core along with the crown and slope of each deck. A total of 147 cores and 294 chloride ion tests were taken.
12/24-07/25	Mississippi DOT, Statewide IR, GPR and Coring, Mississippi. Project Engineer for the infrared thermographic (IR), ground penetrating radar (GPR) and underside surveys. The IR survey located and quantified the delamination in the concrete bridge decks. The GPR survey consisted of using air-launched horn antennas to locate the depth of cover over the top layer of reinforcing steel. The project included IR and GPR inspections of the top side of the deck. These surveys were combined to determine rehabilitation areas. In addition, 10 cores were taken to determine the chloride ion content in the bridge decks and to calibrate the GPR signal. The deck area of the bridges totaled approximately 63,700 square feet.
07/23-10/23	Michigan DOT and International Bridge Administration, International Bridge in Sault Ste. Marie, Michigan. Project Engineer for the infrared thermographic (IR) survey and concrete coring of the International Bridge. The IR survey located and quantified the delamination and patching in the Silica Fume Modified Concrete (SFMC) overlayed bridge deck. The infrared results were compared to previous AECOM infrared surveys collected in 2008, 2013 and 2018. The deck area of the bridge totaled approximately 260,000 square feet.
09/22-04/23	Connecticut DOT, Pearl Harbor Memorial Bridge – Q-Bridge, Connecticut. Project Engineer for the infrared thermographic (IR) and ground penetrating radar (GPR) surveys of the Q-Bridge. The IR survey located and quantified the delamination and patching in the LMC overlayed bridge deck. The GPR survey used a handheld GPR antenna to locate the depth of cover over the top layer of reinforcing steel in the shoulders of the main span. In addition, core locations were marked out to be taken by others. The deck area of the bridge totaled approximately 935,000 square feet. A total of 408 GPR data profiles were collected.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Laurie Simmons, APR, PMP		Years of relevant experience with this employer	5
Title: Strategic Communications Senior Manager		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		BA / 2007 / Communication; Journalism	
Active Registration Number / State / Expiration Date		N/A	
Year Registered		N/A	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Public Outreach. Laurie is an award-winning communications and public involvement strategist with 18 years of experience in innovative community outreach & stakeholder engagement, meeting facilitation & workshop collaboration, public relations & integrated marketing, as well as media relations & television news reporting. She has worked in government as well as in the private sector on planning, design and construction projects involving transportation, mobility, sustainability, and land use, creating large-scale outreach and engagement programs tailored to targeted audiences. She earned her Accreditation in Public Relations (APR) her Project Management Professional (PMP) certification.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
04/25 - Ongoing	Missouri DOT, I-44 Owners Engineer. Public Information Task Lead overseeing stakeholder engagement and community outreach for roadway improvements and bridge replacements along I-44 in Franklin and St. Louis counties. Primary duties include creating the stakeholder and community engagement program along with the official Public Involvement Plan, identifying and creating key messaging for the project's Vision and Goals, facilitating meetings with key stakeholders, and leading teams implementing community outreach and virtual engagement for major projects along the corridor.		
12/24 - Ongoing	Austin Transit Partnership, Austin Light Rail Phase 1, Austin, TX. Communications and Stakeholder Engagement Lead for Austin Transit Partnership's Delivery Partner team, helping build Austin's first light rail system, including a signature bridge over Lady Bird Lake. Primary duties include overseeing creation of the agency's business assistance plan, writing progressive design-build contractual specifications for public information and community engagement, managing collateral material development, as well as assisting with community engagement and communications strategy.		
12/22 - Ongoing	City of Austin Transportation & Public Works Department and TxDOT Austin District, Central Texas Construction Partnership Program, Austin, TX. Public Information Task Lead for the Central Texas Construction Partnership Program, a multi-agency effort preparing Austin for major infrastructure improvements over the next decade. Responsibilities include developing internal/external communications plans, a transportation demand management work plan, branding, messaging, public website content, collateral materials, stakeholder working group facilitation, and coordination with technical teams on a public app for regional lane closure information.		
08/20 - Ongoing	TxDOT Austin District, Oak Hill Parkway. Public Involvement Project Manager for Colorado River Constructors' five-year, \$677 million design-build construction project to reconstruct US 290 and SH 71 (including several major bridges, direct connect flyovers and overpasses) in southwest Austin. Primary duties included developing the community engagement program and the project's public information and communications plan; building relationships with major stakeholders and project champions along the alignment; leading all business and property owner one-on-one virtual or in-person meetings; organizing engaging presentations and public meetings with neighborhood and community groups; managing the creation of content for the project website and social media channels; as well as assisting the project management team with partnering activities, survey research and local agency outreach.		

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Gregory Trahan, PE, RSP₁ Title: Project Manager		Years of relevant experience with this employer	20
		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		BS / 2005 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.0036041 / LA / 03-31-2027; ATSSA Traffic Control Supervisor Refresher–LA State Specific (2027); RSP1 No. 833 / 2028; DOTD Traffic Process and Report Parts 1, 2 and 3 / 2018	
Year Registered		2011	Discipline Civil Engineer
Contract Role(s) / Brief Description of Responsibilities		TMP. Greg will support TMP development through safety analysis, field reviews, countermeasure evaluation, construction coordination, and plan development for task orders involving bridge preservation, repair, and roadway safety improvements. His experience includes DOTD safety studies, roadway improvement IDIQs, crash analysis, site documentation, cost estimates, pre-construction meetings, and construction administration support, including RFIs and change orders.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
4/21–Ongoing	City of New Orleans, Milan Roadway Improvements, New Orleans, LA. Project Manager. Greg assisted with the completion of the plans for the Milan project, which included the replacement of sidewalks, roadway milling, and pavement patching. Greg also assisted with Construction Administration during construction, including responding to Contractor RFIs and preparing change orders and invoices.		
12/23–12/25	City of New Orleans, Lafitte Greenway Connections, New Orleans, LA. Project Engineer. Greg assisted with the development of plans for the improvements along the Lafitte Greenway. This included the field review of the Greenway and plan development of additional sidewalks, mill and overlay of roadway, replacement and relocation of pedestrian hybrid beacons, striping, and bollard placement to ensure pedestrian safety on the Greenway.		
08/14–07/17	DOTD, Low Cost Systemic Roadway Improvements IDIQ, Statewide, LA. Project Engineer. Greg conducted Safety Improvement Plans (SIP) for 282 systemic curves located throughout the State of Louisiana. Tasks associated with this project included site visits to the curves, preparation of safety countermeasures for each curve, cost estimates for the plan sets, and participation in pre-construction meetings with each DOTD district. Each site visit included a ball bank test, photographs, and documentation of existing conditions at each curve. Plan preparation included deriving safety countermeasures at each curve location, preparing a letter-size plan set showing the countermeasures, incorporating Crash Modification Factors (CMFs) within the plan sheets, and preparing cost estimates for the safety countermeasures. After completion of the letter-size plan sets, meetings were held with each district to discuss the recommended countermeasures.		
09/20–Ongoing	City of Baton Rouge / Parish of East Baton Rouge, College Dr Corridor Enhancement (Perkins – I-10), Baton Rouge, LA. Project Engineer. Greg assisted with the Design Study, Traffic Study, and Preliminary Plans for roadway improvements along College Drive between Perkins Road and Bawell Street, including the interchange with I-10. Preliminary alternatives were developed and documented using DOTD Stage 0 Project Scope and Environmental Checklists to support applications for state and federal funding beyond the parish MOVEBR bond allocation.		

16. STAFF EXPERIENCE | GREGORY TRAHAN, PE, RSP, CONTINUED

07/15–06/17	DOTD, S.P. No. H.011935.5 Safety Studies Retainer Contract – Roadside Safety Assessment (RSA), Statewide, LA. Project Engineer. Greg was responsible for preparing the Roadside Safety Assessment (RSA) Field Report used to conduct meetings with DOTD officials, local officials, and law enforcement. Field reports included a map of the general area and a review of Crash1 data, including graphs and charts illustrating crash patterns and severity types. These findings were discussed at the RSA meeting prior to conducting field reviews of existing conditions. Upon completion of the RSA meeting, Greg summarized all findings and discussions into a report submitted to DOTD, including recommended countermeasures prioritized based on safety effectiveness and financial considerations.
07/16–08/17	DOTD, S.P. No. H.012369.1 Safety Studies Retainer Contract – US 190 Barrier Feasibility Study, St. Tammany Parish, LA. Project Engineer. Greg served as Project Engineer for a study evaluating a median barrier within the limits of an existing structure on LA 22. Tasks included existing data collection, geometric layout analysis, safety analysis, field review, bridge rating review, and structural analysis. A comprehensive report was prepared documenting existing conditions, preliminary plans for a preferred barrier alternative, and a safety analysis of the proposed barrier system.
06/13–Ongoing	City-Parish of East Baton Rouge, MOVEBR Jones Creek Road Extension Segments 1A and 1B, Baton Rouge, LA. Project Manager. Greg manages tasks related to Traffic Engineering, Environmental Review, and Green Infrastructure/Landscaping for a new roadway project extending a suburban arterial from its current terminus at Tiger Bend Road to Airline Highway. Greg is responsible for the development of the traffic analysis and evaluation of alternatives, including signalized intersections, roundabouts, and alternative intersections. This project also includes following DOTD's Traffic Engineering Process and Report and coordinating analysis work with the City-Parish and DOTD. Greg assisted in the development of Appendix C – Existing Safety Analysis, which utilizes the Crash1 and Crash3 databases to conduct spot-specific and segment crash analysis using the CATScan tool.
08/12–07/14	DOTD, S.P. No. H.009998.1 Stage 0 Feasibility Study – Johnston Street (US 167), Lafayette Parish, LA. Project Engineer. Greg supported the US 167 (Johnston Street) Corridor Study, which collected and analyzed data to develop immediate, short-term, and long-term recommendations in accordance with DOTD's Stage 0: Manual of Standard Practice. Greg assisted with identifying crash trends, developing collision diagrams, evaluating the effectiveness of countermeasures in alternative concepts, and compiling environmental conditions along the corridor into a GIS database.
06/13–10/14	DOTD, S.P. No. H.010570.1 Stage 0 Feasibility Study – Williams Boulevard (LA 49), Jefferson Parish, LA. Project Engineer. Greg conducted crash analysis and environmental inventory for the LA 49 feasibility study. The study evaluated a 2.5-mile segment of a heavily traveled five-lane urban roadway with moderate pedestrian activity, three major intersections, and an interchange with I-10. Tasks included collecting and analyzing data to identify crash trends and determine overrepresented crash types, developing collision diagrams, and applying Crash Modification Factors to evaluate safety countermeasures proposed for each alternative.
09/24–05/25	Regional Planning Commission, Lower St. Bernard / Louisiana Terminal Roadway Network and Resilience Study, St. Bernard Parish, LA. Project Engineer. Greg conducted crash analysis and environmental inventory associated with the Stage 0 Feasibility Study. Tasks included analyzing crash conditions and patterns within the study area, including manner of collision, time of day, fatalities, and involvement of vulnerable users such as pedestrians and bicyclists. This information was used to document crash trends and evaluate potential safety treatments for alternative concepts.
11/11–01/13	DOTD, S.P. No. H.009997.1 Stage 0 Feasibility Study – LA 935, Ascension Parish, LA. Project Engineer. Greg assisted with preparation of a Stage 0 Feasibility Study based on the results of a Roadway Safety Assessment conducted by the AECOM team. The study area included approximately four miles of LA 935 from LA 431 to LA 22 in Ascension Parish with a known history of crashes. Tasks included development of conceptual alternatives for roadway realignment, including typical sections, design criteria, conceptual plans, and cost estimates.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Landon Whitton, PE Title: Bridge Condition Survey Task Lead		Years of relevant experience with this employer	10
		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		BS / 2009 / Mechanical Engineering	
Active Registration Number / State / Expiration Date		PE.0041523 / LA / 9-30-27 Additional licenses in MS, AR	
Year Registered		2015	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Inspection / Condition Assessments. Landon brings extensive bridge inspection, load rating, and rehabilitation recommendation experience for state, local, and private bridge owners. His work includes complex bridge inspections, fracture critical and element-level inspections, movable bridge inspections, deck scanning, UAV-assisted inspections, rope access inspections, field measurements for load ratings, and development of repair/rehabilitation recommendations.	

Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
01/25-Ongoing	DOTD, No. H.015603: LA-641 Bridge Insp and Repair, St. James Parish, LA. Bridge Inspection Team Leader. Landon was the qualified bridge inspection team leader on this project. He performed the arms length inspection of the structures damage, providing type/size/ location level information of the prestressed concrete girder defects. Landon also provided oversight of the documentation efforts.
08/17-Ongoing	Mississippi Office of State Aid Complex Inspections. Project Manager, Inspection Team Leader. Mississippi Office of State Aid (OSARC) hired AECOM to perform more than 500 inspections and load ratings of county and city bridges across the northern part of the state. Landon manages the project in addition to performing bridge inspections. Substructures include a mix of timber piling, steel H-pile, and reinforced concrete piles. Superstructure types inspected/evaluated include steel I-beams, prestressed girders, trusses, RC channel beams, RC culverts, RC slabs, girders made from steel railroad cars, and steel military bridges.
03/20-Ongoing	North Dakota Department of Transportation, North Dakota County Bridge Inspections. Project Manager, Inspection Team Leader. North Dakota Department of Transportation hired AECOM to perform 760 inspections and load ratings of county bridges across the northwestern part of the state. The substructures include a mix of timber pile bents, reinforced concrete configurations, steel H-pile bents, and masonry abutments. Superstructure types inspected/evaluated include steel I-beams, prestressed girders, trusses, RC channel beams, RC culverts, RC slabs, and steel pipe culverts.
05/20-12/24	Mississippi Department of Transportation (MDOT), Scour Evaluations, Bridge Engineer. MDOT hired AECOM to perform scour evaluations of I-59 over Tangipahoa River, and I-55 over Black Creek and Little Black Creek. Landon was responsible for the inspection of the substructure, and assisted in determining substructure penetration depths for future scour events.
04/24-12/24	Mississippi Department of Transportation , I-110 over Biloxi Back Bay Movable Bridge In-Depth Inspection, Inspection Team Leader. AECOM performed the in-depth inspection of I-110 over Biloxi Back Bay. This bridge includes a twin double leaf bascule main span. Landon was an inspection team leader on the project, and prepared the approach span portions of the report.
12/17-09/24	Mississippi DOT (MDOT), Post-Tensioned Load Ratings, MS. Project Manager and Load Ratings Engineer. MDOT hired AECOM to perform load ratings on 13 Post-tensioned bridges using CSI Bridge software. The superstructure types were Box-Girder w/ post tensioning over the piers, I-girders w/ post tensioning, and haunched I-girders with post-tensioning. Landon served as Project Manager and as well as Load Ratings Engineer.

16. STAFF EXPERIENCE | LANDON WHITTON, PE CONTINUED

12/17-09/24	MDOT, Post-Tensioned Load Ratings, MS. Project Manager and Load Ratings Engineer. MDOT hired AECOM to perform load ratings on 13 Post-tensioned bridges using CSI Bridge software. The superstructure types were Box-Girder w/ post tensioning over the piers, I-girders w/ post tensioning, and haunched I-girders with post-tensioning. Landon served as Project Manager and as well as Load Ratings Engineer.
08/16-Ongoing	MDOT, Phase-A Bridge Designs, Project Manager and Bridge Design Engineer, MS. Project Manager. Landon serves as project manager and lead bridge designer of the Phase A projects for the following locations: SR 15 in Tippah County, MS, SR 145 in Clarke County, MS, Madison Avenue in Madison County, MS.
05/20-06/25	Statewide Bridge Deck Scanning and Visual Surveys, Project Manager (Multiple Projects). AECOM performed deck scanning and visual surveys for 68 bridges in Mississippi. These surveys provided an in-depth analysis of the existing condition of these concrete bridge decks to be used for rehabilitation. Landon was responsible for both project management and performing visual surveys of the bridge deck undersides. prestressed concrete girder, reinforced concrete slabs and T-beams, timber, concrete box culverts and corrugated metal pipe culverts. Many of these inspections required collecting measurements for load rating analysis when bridge plans were not available.
05/15-05/16	MDOT, NBIS Compliance Field Review (while at MDOT) MS. Review Team Member. Reviewed 20 inspections performed by MDOT bridge inspectors, by inspecting the subject bridges with the Local FHWA Bridge Engineer and MDOT's Inspection Program Manager. FHWA determined MDOT's compliance to the NBIS based on the results of this review.
08/12-06/15	MDOT, Tennessee-Tombigbee Waterway Routine Inspections (while at MDOT). Inspection Team Leader on the inspection team for the yearly Fracture Critical inspections of five Bridges along the Tennessee-Tombigbee Waterway. Each Bridge contained a 1,000ft parabolic steel girder superstructure.
08/12-05/15	MDOT, US 82 Cable-Stayed over Mississippi River Bridges Fracture Critical (while at MDOT), MS. Inspection Team Leader. MDOT needed a fracture critical inspection on the superstructure of the Cable-Stay Bridge in Greenville, MS over the Mississippi River. In this inspection, all fracture critical members on the underside of the deck were inspected. Landon helped with the inspection and report.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Doug Hively, PE Title: Associate Vice President, Bridge Group Lead		Years of relevant experience with this employer	19
		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization	BS / 1996 / Civil Engineering		
Active Registration Number / State / Expiration Date	PE.49334 / LA / 03-31-2027 Additional active licenses: TX		
Year Registered	2020	Discipline	Civil Engineering
Contract Role(s) / Brief Description of Responsibilities	Bridge Design / Repair. Doug is the Bridge Group Lead for the Austin, Texas office where he supervises a staff of 13 which includes PEs, EITs and CADD technicians. He is an engineer with over 30 years of experience in structural and civil design with most of his years spent in the bridge design practice. His primary experience lies in the realm of bridge replacements, widenings, and interchanges using prestressed concrete and steel girders along with complex substructures. His projects have been for federal, state, county, and city level clients as well as private developers and have ranged in scope from multi-level interchanges to pedestrian bridges. Doug has been involved with ten design-build projects with significant responsibility regarding delivery of bridge design plans and developing design criteria. He has served in leadership and technical roles for the design and production of numerous bridges in each project and efficiently guided staff during the fast-paced projects. Doug is proficient with a variety of software packages including OpenRoads, MicroStation with GEOPAK, MDX, STAAD, TxDOT Bridge Geometry System (BGS), PGSuper, spColumn, CONSPAN, LPILE, and RCPier.		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
09/06 – 06/10	North Texas Tollway Authority, Chisholm Trail Parkway (Section 1), Fort Worth, Texas. Designed a 12-span frontage road bridge that included a 3-span continuous curved steel plate girder unit over the Fort Worth and Western Railroad (FWRR) as well as the I-30 prestressed concrete I-beam bridge replacements over the FWRR using phase construction. Developed the sequence of construction for the I-30 bridges. Design included superstructure, substructure and foundations.		
10/17 – 07/20	TxDOT – El Paso District, SL 375 Frontage Road Ramps, El Paso, Texas. Design team lead and engineer of record for three bridges in the project that consisted of ramp reversals and addition of frontage roads along a controlled access highway. Supervised design efforts for two new frontage road bridges over Union Pacific Railroad (UPRR) and the widening of a mainline bridge over a grade crossing. Design elements included concrete U-beams, Tx54 girders, aesthetic bents and drilled shaft foundations. Developed span arrangement that placed bridge bents and foundations outside of UPRR ROW and worked with Roadway team to meet required vertical clearances over UPRR. Coordinated with other discipline leads during development of Bridge Layouts and details. Developed an Exhibit 'A' for submittal to UPRR.		
09/19 – 07/20	TxDOT - Dallas District, I-635E Design- Build, Dallas, Texas: One of multiple bridge design team leaders for this \$1.7 billion project. Developed and supervised a work plan for three engineers and two CADD technicians for the design and plan production of four bridges - two were direct connectors in the I-635 / I-30 interchange, one was a phase-constructed underpass, and the other was a temporary bridge for MOT. Design included prestressed concrete girders, curved steel plate girders, hammerhead bents, straddle bents, post-tensioned straddle bent caps, and footings with drilled shaft foundations. Developed sequence of construction for bridge replacements. Worked with construction team to provide optimizations that led to cost-effective bridge type and focusing on constructability.		

09/09 – 12/10	North Texas Tollway Authority, SH 161 Toll Road Design-Build, Grand Prairie, TX. Design team lead and engineer of record for three direct connectors at the I-20 and I-30 interchanges and four grade crossings along the mainlanes as part of the large design-build toll facility. Design included curved steel plate girder flyovers, Tx54 prestressed concrete girders, straddle bents, hammerhead bents, and foundations with multiple drilled shafts. Developed Bridge Layouts and checked vertical clearances. Managed the design, detailing and production tasks of support staff.
09/08 – 09/09	North Texas Tollway Authority, Sam Rayburn Tollway Interchange at Dallas North Tollway, Collin County, TX. Designed two direct connectors as part of an 8-directional interchange. Design included curved steel plate girder flyovers, prestressed concrete I-beams, straddle bents, hammerhead bents, and foundations with multiple drilled shafts.
02/22 – 06/23	TxDOT – Fort Worth District, Southeast Connector Design-Build, Fort Worth, TX. Acted in a dual role for this \$1.5 billion project. As design team lead and EOR, developed a work plan and supervised the work of two engineers and one technician for the design and plan production of three bridges in the I-20 / I-820 interchange. Design included prestressed concrete girders, inverted-T bent caps, hammerhead, straddle and multi-column bents. As segment lead, oversaw the work of three design teams responsible for design and plan production of nine bridges at the I-20 / US 287 interchange. Assisted
09/20 – 03/22	TxDOT – Austin District, Oak Hill Parkway Design-Build, Austin, TX. Bridge discipline lead for this \$675 million design-build project. In charge of plan delivery for all 26 bridges on the project as well as overhead sign structures, bridge-related project standards and miscellaneous structures. Worked with constructor and owner through weekly technical workgroup meetings to ensure design met project specifications. Oversaw the work of six bridge design teams to ensure delivery of bridge plans were on schedule. Developed bridge design criteria for all teams to use to ensure design consistency throughout the project.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: James 'Jim' Velino, PE		Years of relevant experience with this employer	6
Title: Structural Engineer III		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		MS / 2022 / Structural Engineering; BS / 2017 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.58162 / MA / 6-30-2026	
Year Registered		2024	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Asset Valuation. Jim is a structural engineer with extensive experience in bridge and tunnel inspection, Instrumentation, and Asset Management. They have analyzed historic inspection and condition data for bridge and tunnel structures to identify deterioration patterns, present large datasets patterns to stakeholders, and optimize maintenance efforts to better use funds to maintain bridges and tunnels.	

Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/20 – 05/24	MassDOT, MassDOT Bridge Management, Statewide MA. Designed a process to automatically analyze over 50,000 inspection reports for all bridges and culverts in Massachusetts. Deterioration curves were built using a Markov chain and Weibull distribution to create deterioration models for each NBE Element based of 8 years of NBE quantities.
02/21 – 04/22	CDOT, Bridge Management Investigation, Statewide CO. Investigated input data and result of deterioration curve predictions for Colorado DOT for use in capital planning. Created deterioration curves for each NBI Bridge Element and commented on the differenced in capital planning cost results from different deterioration curve models and regression models.
01/23 – 05-23	CDOT, Tunnel Management Investigation, Statewide CO. Investigated the health metric used by CDOT to represent the overall health of there tunnel assets. Determined several alternative metrics and their impact on the optimization model results to create a metric that was easy to interpret for the respective stakeholders. Suggested Future practices that could be implemented into the optimization model (Deighton DTIMS) to improve the results of the optimizer.
03/23 – 04/23	PenDOT, Philly I-95 Rehabilitation Study, Philadelphia PA. Investigated the deterioration behavior of several bridges along the I-95 Viaduct in Philadelphia. Determined rehab priority for bridges based on current condition and expected condition for next 5 years and 30 years. Identified deterioration trends in steel bridges to estimate impacts of fatigue prone details on deterioration, to be applied elsewhere in the state.
04/23 – 05/23	PRDOT, Yunque Deterioration Study, Puerto Riko. Investigated the deterioration behavior of All bridges along PR-52 Highway. Determined estimated costs to maintain and repair bridges over the next 10 years , as well as deterioration behavior based on superstructure type, materials used, and location.
06/23 – 06/23	NYCDOT, De-Icing Study, Greater New York NY. Investigated the deterioration behavior of different bridges with different de-icing chemicals used throughout there history. Assessed the value of each method and expected long term asset behavior. Recommended current best practices for de-icing and long term goals for the program.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Jason Zimpfer, PE		Years of relevant experience with this employer	17
Title: LRFR Load Ratings/NBIS Inspections/Reporting		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		MS / 2007 / Structural Engineering; BS / 2006 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.0045922 / LA / 03-31-2026 Additional active licenses: UT, PA, DE, TX, PR, NJ, CO, FL, MT, RI	
Year Registered		2013	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Data Collection & Assessments; Inspection / Condition Assessments. LRFR Load Ratings/NBIS Inspections/Reporting. Jason will be one of AECOM's Bridge Inspection Team Leaders, Bridge Load Rating and Analysis and Rehabilitation Design Team for this contract. He has 17 years of extensive and varied analysis, design, research, and bridge inspection experience. He has performed load rating analyses of more than 1,600 bridges and culverts in more than 15 states and coordinates a team of bridge load rating engineers. He is a certified bridge safety inspector and has performed inspections and load ratings of numerous bridges, including long-span, complex structures. Jason's other analysis experience includes coordinating load ratings of deteriorated and deficient structures and gusset plate analysis of truss structures. He has been involved with long-span truss inspection, analysis, and rehabilitation, and has performed structural research at a graduate level. He has experience with finite element modeling, various commercial bridge analysis software packages, as well as the development of proprietary tools and methods to perform bridge analysis calculations.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
02/23 - Ongoing	DOTD, Contract No. 44-21593, IDIQ for Bridge Load Rating Services, Statewide, LA. Lead Structural Engineer responsible for quality, schedule, budget, technical aspects, and communication for this ongoing load rating analysis of over 120 bridges throughout Louisiana, including superstructure and substructure analysis; developed proprietary calculation tools for influence-based analysis of bent caps and timber piles; provided recommendations for mitigation and repair of deficient structures.		
08/14 – 09/17	DOTD, Contract No. 44-2687 State Project No. H.009730.5, US-190 Krotz Springs Atchafalaya Bridge Bearing Repair, LA. Structural Engineer responsible for preliminary and final design of superstructure jacking and repair of the nested rocker bearings supporting the free end of a three-span, 1500 ft long cantilever through truss.		
01/25-Ongoing	DOTD, Project H.016503 LA 641 Bridge over I-10, St. James Parish, LA. Structural Engineer responsible for the entire bridge in its as-condition state and preparing a comprehensive load evaluation report. Additional responsibilities included determining the post-repair load rating and generating the as-designed load rating report. In 2023, a prestressed concrete bridge was damaged in an accident, resulting in concrete spalling and exposed, broken strands on three girders. These services were carried out within the framework of a multi-year task order contract		

01/18 – Ongoing	Montana DOT (MDOT), Load Rating Bridges Term Contracts 2018-2021, 2021-2024, & 2025-2029. Lead Bridge Load Rating Engineer responsible for quality, schedule, budget, technical aspects, and communication for load rating services for this statewide contract. The goal of this project is to provide load rating services on an as-needed basis for all of the state's legal loads. The work includes the analysis and rating of nearly 1,000 bridges to date throughout the state. The bridges include steel truss-floorbeam- stringer systems with gusset plate analysis, glue laminated timber, solid-sawn timber, reinforced concrete, prestressed concrete, multi-girder steel, corrugated metal pipe, and steel girder-floorbeam-stringer systems. AECOM used AASHTOWare Bridge Rating (BrR) software to analyze all structures that the program is capable of modeling, and Midas Civil for 3D FEM analysis, when required.
07/17– 01/20	Mississippi Office of State Aid Road Construction, Bridge Load Rating, MS. Lead Structural Engineer responsible for coordination, calculation checking, and quality control of load rating efforts for this assignment with approximately 100 bridges, using the BrR software, including steel, reinforced concrete, prestressed concrete, and timber superstructures, as well as timber pile substructures and timber decks. Field-noted deterioration is included in calculations and load rating models.
06/19 - 08/19	NASA/Kennedy Space Center: Indian River Bridge Derating Assessment Study, Kennedy Space Center, FL. Task leader for the load rating analysis of twin double-leaf bascule span bridges carrying the NASA Causeway at Kennedy Space Center over the Indian River. Main bascule spans and steel girder approach spans were analyzed using the AASHTOWare Bridge Rating (BrR) software for NASA special transport vehicles and Florida legal vehicles. The analysis considered counterweight loads behind the trunnion, as well as modeling the effect of the live load anchor and center span lock.
05/12 – 12/18	Pennsylvania DOT (PennDOT) - District 5-0, Load Rating Analysis, Carbon, Monroe, and Schuylkill Counties, PA. Lead Structural Engineer responsible for coordinating all load ratings performed on the contract (approximately 150 to date). Load ratings are performed on deteriorated structures based on the NBIS inspections provided by AECOM. Responsible for regular client communication, reporting results to PennDOT, and posting and repair recommendations based on analysis results.
07/12 – 07/18	PennDOT District 5-0, Safety Inspections of State-Owned Bridges, Monroe, Carbon and Schuylkill Counties, PA. Inspection Team Leader and Load Rating Engineer for this three-cycle contract. Inspected all aspects of the bridge including safety features, roadway conditions, deck, superstructure, substructure and scourability. The inspections sometimes required the use of special equipment and traffic control. Performed post-flood emergency response inspections required after significant flooding events. In addition to inspection, also responsible for organizing and compiling all field notes, photographs and maintenance items for the preparation of the technical forms and reports and recommend load rating analysis where necessary. Handled all notifications and correspondence to the local owner regarding priority maintenance, sign installations, tracking the progress of repairs to the structure and updating the pertinent fields in BMS2.
11/15 – 05/17	MnDOT, Bridge 62090 (High Bridge) Re-Deck Project, MN. Structural engineer responsible for coordinating load rating efforts for 8 approach spans of this curved and splayed steel plate girder bridge using BrR software. Performed QC review of calculations and program inputs, coordinated repair recommendations associated with the redecking and strengthening of this steel tied-arch structure with curved plate girder approach spans.
01/15 - 08/15	Utah DOT, Load Rating Analysis, UT. Structural engineer responsible for checking load rating calculations for more than 20 prestressed and reinforced concrete bridges and culverts using the AASHTOWare Bridge Rating software. Assisted in the creation of Utah state load rating policy for bridges without available plans and responsible for implementing this policy in the several dozen bridge and culvert analyses.

16. STAFF EXPERIENCE

		Firm AECOM	
Name: Ed Zhou, PE, PhD Title: Instrumentation Task Leader/Task Manager		Years of relevant experience with this employer	31
		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization	PhD / 1994 / Structural Engineering; BS / 1982 / Civil Engineering; MS / 1990 / Civil Engineering		
Active Registration Number / State / Expiration Date	PE#21330 / MD / 09-2-2026; PE#10086 / DE / 06-30-2026; PE#0402 033413 / VA / 04-30-2027		
Year Registered	1995	Discipline	Civil Engineering
Contract Role(s) / Brief Description of Responsibilities	Instrumentation Task Leader/Task Manager. Ed is AECOM's Bridge Instrumentation & Evaluation Lead in North America, with 28 years of experience in engineering practice. He has comprehensive knowledge and experience in multiple aspects throughout the bridge life cycle including structural analysis through finite element modeling, design, inspection, load rating, problem diagnosis, non-destructive evaluation (NDE), structural health monitoring, preservation, as well as repair, retrofit, rehabilitation, and replacement design of many types of bridge structures. He is an expert in fatigue and fracture of steel bridges and served as a past Chairman of ASCE Fatigue & Fracture Committee. Ed specializes in evaluation of existing bridges using a variety of instrumentation/testing/monitoring technologies and application of digital imaging and unmanned aircraft system (UAS) technologies for condition and deterioration assessment. He also has current experience in development of effective asset management tools to support bridge owners for data-driven decisions. Ed is an active member of TRB Committee AKB40 'Testing and Evaluation of Transportation Structures' and has played a key role in development of multiple national guidelines and standards: co-author of TRB Circular E-C257 'Primer for Bridge Load Testing'; expert panel member of NCHRP Project 20-05 'Load Rating of Bridges and Culverts with Missing or Incomplete As-Built Information'; and co-PI of NCHRP Project 12-81 'Evaluation of Fatigue on the Serviceability of Highway Bridges.		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
04/14-12/24	Connecticut DOT (CTDOT): Structural Monitoring of Extradosed/Cable-Stayed Pearl Harbor Memorial Bridge (I-95 over Quinnipiac River). Technical Leader for the development and implementation of a two-year structural monitoring program from 2020 to 2022 for the extradosed/cable-stayed 3-span dual structures consisting of post-tensioned segmental concrete box girders. Work scope includes: design of a comprehensive structural monitoring system (SMS) consisting of 252 sensors; development of a procurement package including instrumentation plans, performance specifications and qualification requirements; inspection and oversight during system installation by contractor; acceptance testing and commissioning of SMS; specification and oversight of live load and cable plucking tests at beginning, middle, and end of monitoring period; data collection, processing, management, analysis, interpretation and reporting throughout monitoring period; assessment of actual bridge behavior in comparison with analytical predictions by design models; establishment of normal behavior envelopes and anomalous behavior thresholds for sensor measurements; and recommendations to provide guidance for bridge maintenance, inspection, and load rating. Also included in this project is photogrammetric mapping of existing concrete cracks on interior of box girders and exterior of tower legs in 12 areas surrounding crackmeters at beginning, middle and end of the two-year monitoring period.		

05/23 - 12/24	Maryland State Highway Administration (MDSHA), Vibration Monitoring of US 301 SB Bridge over Chester River during Adjacent Pile Driving, Maryland. Technical Leader for vibration monitoring of the five-span US 301 SB bridge over Chester River during pile driving for replacement construction of the adjacent US 301 NB bridge for possible excessive vibration of and damage to the existing structure. Work scope included: review of seismograph measurements of ground vibration for assessing possible structural damage per criteria of the United States Bureau of Mines (USBM) and Office of Surface Mining (OSM) based on particle velocity and wave frequency; installation of a wireless structural vibration monitoring system consisting of tri-axial accelerometers on bridge beams and piers as well as crackmeters across existing concrete cracks on abutments and piers; determination of natural vibration frequencies and mode shapes of the SB bridge; establishment of baseline structural dynamic responses to ambient traffic and test driving of steel sheet piles, steel pipe piles, and steel H piles; continuous monitoring of the SB bridge during production pile driving of the NB bridge and providing warnings if excessive vibrations are identified.
06/09 - 08/22	MDSHA, Evaluation and Preservation/Rehabilitation Studies of Two MD 90 Bridges, Ocean City, Maryland (2009, 2012-2013, 2015-2016, 2022). Technical Leader for multi-phased condition assessment, load rating, load testing, and preservation/rehabilitation strategies for two 1971-built MD 90 bridges over Assawoman Bay and St. Martin River, with a combined 203 spans of prestressed concrete (PSC) adjacent box beams and six (6) spans of cantilever-suspended PSC bulb-T girders of varying depth. Work scope included: (a) special inspection, condition classification, and load rating of deteriorated box beams and bulb-T girders with corroded and broken prestressing strands (2009); (b) replacement design of severely deteriorated suspended portion of PSC bulb-T girders with steel beams in one span (2009); (c) field demonstration of digital imaging technologies for structural condition assessment (2012); (d) instrumentation and load testing of two spans of PSC adjacent box beams for assessing the impact of a broken tie rod (2013); (e) load rating of all span types for the "as-built" and "as-inspected" conditions (2014); (f) rehabilitation concepts study through finite element modeling for eliminating deck joints at piers, improving partial height shear keys, replacing tie-rods with P-T bars, and adding a structurally composite reinforced concrete (RC) deck (2014-2015); (g) study for lifecycle planning cost-effective strategies to preserve the serviceability and durability of bridge superstructure (2015); (h) instrumentation and load testing of one span of PSC bulb-T girders to address insufficient load rating at girder field splices (2016); (i) application of photogrammetry, infrared thermography (IRT), and unmanned aircraft system (UAS) technologies for digital mapping of concrete defects for condition, performance, and deterioration assessment of the superstructure of all 209 spans of both bridges (2017-2019); and (j) evaluation of the superstructure and substructure of both bridges for increasing traffic capacity from the current two lanes to three lanes in both directions, identification of structural strengthening needs and development of cost-effective solutions as required (2022).

16. STAFF EXPERIENCE

		Firm Huval & Associates, Inc.	
Name: Colby Guildry, PE		Years of relevant experience with this employer	18
Title: Vice President / Lead Engineer		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS / 2000 / Civil Engineering	
Active Registration Number / State / Expiration Date		31338 / LA / 09-30-2026	
Year Registered		2004	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Post-Design Construction Support Services Task Lead. Colby will lead post-design construction support services, helping DOTD resolve RFIs, design clarifications, field issues, and repair questions during construction. He brings extensive experience managing statewide DOTD bridge preservation and repair retainers, including project coordination, QA/QC, load ratings, bridge rehabilitation design, inspections, emergency response, and construction management. His experience with fixed and movable bridges, repair plans, and construction oversight allows him to provide timely, practical support that keeps preservation and repair task orders moving through construction.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
09/22 - Ongoing	Retainer for Engineering Services for Bridge Preservation, Statewide, Contract No. 4400023923. Project Manager of Retainer Contract. Responsible for project management, coordination, project setup, QA/QC, Load Ratings and bridge rehab design for the \$7M retainer.		
05/20 - 05/25	Retainer for Engineering Services for Bridge Preservation, Statewide, Contract No. 4400017262. Lead Bridge Designer of Retainer Contract. Responsible for project management, coordination, project setup, QA/QC, Load Ratings and bridge rehab design for the \$5M retainer.		
01/08 - Ongoing	Public and Private Bridge Load Ratings, Statewide. Lead Rating Engineer for bridges all across the state on a continual basis. Numerous load ratings are performed weekly for a host of clients including parishes, cities, oil field companies, and other clients. The ratings include bridge types such as timber, steel, concrete, movable, fixed, pontoons, and trusses.		
03/23 - Ongoing	Jimmie Davis Bridge (LA 511 - Design Build Project), Shreveport, LA. Design Quality Control Manager for all design aspects of the project. The bridge design and construction involve a new steel girder and concrete girder bridge across the Red River as well as the complete rehabilitation of the existing LA 511 truss bridge and conversion to a Linear Park.		
11/18 - Ongoing	Old Mississippi River Railroad Bridge and Tunnel (Old US80), Vicksburg, MS. Lead inspector and Bridge designer for the continued annual inspection program and as needed repair design and construction management. The bridge is a 1930s era truss bridge. Over the last 7 years, have been the lead inspector for the annual inspection of the bridge and tunnel, performed emergency inspections on 24-hour call for any barge impacts or other bridge emergencies, assisted in the design of multiple repair projects for the truss structure as well as for the substructure elements, and assisted in the construction project management for the various construction projects performed on the bridge.		
12/19-01/23	New Swing Span- Herman Dupuis RD Pontoon BR Replacement, St. Martin, LA, Bridge Recall 200896. Assisted in bridge design, performed quality control reviews, and managed the project. Scope included the full structural design and plan development of a new swing span bridge over Alligator Bayou, replacing the Butte LaRose Pontoon Bridge. Responsibilities included assisting in preparing design calculations, developing plans, detailing structural elements, performing load ratings, and preparing cost estimates.		

16. STAFF EXPERIENCE | COLBY GUILDRIY, PE CONTINUED

4/18 – 4/23	Retainer for Engineering Services for Bridge Preservation, Statewide, Contract No. 4400011225. Supervisor Engineer of Retainer Contract. Responsible for project management, coordination, project setup, QA/QC, Load Ratings and bridge rehab design for the \$4M retainer.
12/20 - 06/21	Ascension Parish 26 Bridge Ratings. Inspected, gathered documentation, rated, and provided repair plans, as well as assisted in construction rehab reviews for 26 Ascension Parish bridges. Complex analysis rating analysis allowed the bridges to remain open while repairs were planned.
01/16 – 12/17	Inner Harber Canal Seabrook Bridge Structural Repairs, New Orleans, LA. Lead Engineer for the design of temporary and permanent repairs for the steel truss bascule bridge built in the early 1900's. The repairs were complex structural repairs to the floor system, bottom chords, laterals, stringers, and floor beams in addition to various mechanical system repairs. Adding to the complexity of this design was the requirement to perform many repairs under train live loads. An elaborate temporary jacking strut system was also designed to remove the dead and live loads in the various members during replacement.
09/12 – 12/17	Retainer Contract for Bridge Repair and Rehabilitation Services - Statewide, Contract No. 4400002537. Supervising Engineer of Retainer Contract. Responsible for coordination, inspections, project setup, QA/QC, Load Ratings, and bridge rehab design for the \$6M retainer contract.
05/11 – 08/15	Retainer for Engineering Services for Bridge Preventive Maintenance (BRPM) - Statewide, Contract No. 440001543. Lead Engineer of Retainer Contract. Led the Inspection and Design for 8 different Task Orders covering Preventive Maintenance Repairs for over 100 Bridges statewide in short timeframes.
08/09 – 06/15	Retainer Contract for Bridge Repair and Rehabilitation Services - Statewide, S.P. 700-99-0488. Lead Engineer of Retainer Contract. Responsible for coordination, inspection team leader, project setup, bridge design, and QA/QC of Task Orders totaling approximately \$8.75M over a 5-year period. Contract utilized multiple Subconsultants on all aspects of bridge design and inspection.
01/11 - 08/14	St. Ann Bridge Over Bayou Terrebonne (Movable) Swing Span – S.P. 700-55-0107. Lead structural designer for a new Swing span bridge over bayou Terrebonne. Also assisted with Mechanical reviews throughout the design process. Colby was involved with every aspect of this movable bridge project from environmental clearance through construction. This swing span had unique issues to overcome due to the limited vertical space due to waterway and adjacent road obstructions. Also performed Construction Oversight for DOTD during the entire construction process.

16. STAFF EXPERIENCE

		Firm Huval & Associates, Inc.	
Name: Nicholas Helminger, PE		Years of relevant experience with this employer	7
Title: Civil Engineer		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		MS / 2014 / Civil Engineering; BS / 2013 / Civil Engineering	
Active Registration Number / State / Expiration Date		41937 / LA / 03-31-2028	
Year Registered		2017	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Road Geometrics. Mr. Helminger joined Huval & Associates in 2018 with 5 years of experience at Professional Engineering & Surveying Co., Inc. (PENSCO). His work at PENSCO encompassed various aspects of engineering, including roadway design, drainage design, bridge design, plan and specification preparation, construction layout, and construction administration. Since joining HUVAL, Mr. Helminger has been involved in roadway design, bridge design, project management, and plan preparation for several DOTD projects. His training includes certifications as an American Traffic Safety Services Association (ATSSA) Traffic Control Technician and Traffic Control Supervisor.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
04/21-Ongoing	I-10: LA 415 to Essen Lane on I-10 and I-12 - S.P. H.004100. Mr. Helminger is serving as a lead road design engineer on this CMAR project which includes the reconstruction and widening of I-10 from the Mississippi River Bridge to the I-10/I-12 split. Design duties include horizontal and vertical geometrics for I-10 mainline and entrance/exit ramps and sequence of construction and temporary traffic control along I-10 mainline. As part of the CMAR process, Mr. Helminger is involved in design workshops, bi-weekly task force meetings, and quantity and cost reconciliation meetings.		
03/23-Ongoing	Jimmie Davis Bridge (LA 511) (HBI) Design Build Project - S.P. H.001779. Mr. Helminger is serving as the lead road design engineer on this project to design and construct a new 4 lane bridge across the Red River in Caddo/Bossier Parish. The project includes reconstruction of nearly 2 miles of LA 511 into a 4-lane median divided highway, construction of full access interchange connections with LA 511 at both Arthur Ray Teague Parkway and Clyde Fant Memorial Parkway, and improvements to other local roadways. Project includes conversion of Existing Jimmie Davis Bridge into a Linear Park, constructing new multi-use paths, and elevated ramps to connect the paths to the Linear Park.		
08/24-Ongoing	I-10 Calcasieu River Bridge Public-Private Partnership Project - S.P. H.003931. Mr. Helminger is performing QA/QC on the roadway design for the I-10 Calcasieu River Bridge Replacement Project (P3). Task include horizontal and vertical geometric checks, drainage checks, and overall plan quality assurance. Review includes coordination with multiple bridge structures and other miscellaneous design disciplines such as lighting and signing to ensure a cohesive end product. Mr. Helminger is also designing the maintenance of traffic scheme for this project. Tasks include generating temporary traffic control plans consisting of temporary pavement markings, signs, concrete barrier placements, and analyzation of critical sections for constructability.		
10/18-Ongoing	I-49 South @ Verot School Road Interchange - S.P. H.011235. Serving as assistant project manager and road design engineer. Prepared and reviewed roadway plans for DOTD submittal. Designed vertical profiles and performed QC checks on horizontal geometry. Assisted subconsultants in the design of subsurface drainage systems and developed a plan for alternative outfalls. Performed bridge design calculations including prestress girder design checks to determine span lengths, preliminary pile loads for column bents and pile bents, and vertical clearance calculations. Computed quantities and developed construction costs estimates. Coordination of design and plan consistency between several firms.		

16. STAFF EXPERIENCE | NICHOLAS HELMINGER, PE CONTINUED

07/21-05/23	LA 94: Vermilion River Bridge Replacement - S.P. H.014560. Mr. Helminger served as the lead road design engineer for the replacement of the LA 94 Bridge over the Vermilion River in Lafayette/St. Martin Parish. Mr. Helminger designed the horizontal and vertical geometry of LA 94 and the diversion roadway and prepared all roadway plan sheets.
06/20-05/21	Comite River Diversion Bridges at LA 67, LA 19, and LA 19 Railroad Bridge - S.P. H.001352 and H.002273. Mr. Helminger served as the lead road design engineer and assistant project manager on this CMAR project which includes the construction of new bridges over the Comite River Diversion Channel (CRDC). This project had two sites: LA 67 and LA 19. LA 67 is a two-way two-lane roadway while LA 19 is a 4-lane divided roadway. On site diversion roadways were used on both sites. Mr. Helminger designed the horizontal and vertical geometry for both roadways and diversion roadways, typical sections, sequence of construction, drainage, guardrail, pavement markings, signing, and cross sections. He also created typical sections, plan profiles, and cross sections of the CRDC that will be excavated under this project. The LA 19 site included a railroad crossing over the CRDC. Mr. Helminger designed the vertical and horizontal alignment for the permanent rail over the channel and the shoofly railroad used to maintain rail traffic during construction. Mr. Helminger also computed quantities, developed cost estimates, and participated in all design workshops, plan reviews, and quantity and cost reconciliation meetings as part of the CMAR process.
01/20-08/21	Belle Chasse Bridge & Tunnel Replacement Project - S.P. H.004791. Mr. Helminger performed the roadway plan review on the Belle Chasse P3 project. The project review consists of overall geometric layout (horizontal and vertical), overall design compatibility between various disciplines of engineering, and plan set review per the project QA/QC process. Additionally, Mr. Helminger reviewed the temporary traffic control plans and signing/pavement marking plans.
11/19-06/20	I-10 and I-12 College Dr. Flyover Ramp Design-Build Project RFP Phase 30% Design - S.P. H.013897. Prepared plans and proposal documents for the RFP phase of the project. Analyzed numerous geometric layouts and cross sections along the I-10/I-12 corridor to develop a flyover concept which fit within the existing ROW while complying with project requirements. Designed typical sections, sequence of construction, guardrail, concrete barriers, MSE walls, sound barrier layout, drainage, and computed road quantities. Performed the role of Assistant Design Manager by conducting weekly meetings and coordinating the design team and contractor to develop plans, quantities, and proposal documents.
01/19-05/19	I-10 Loyola Design-Build Project RFP Phase 30% Design - S.P. H.011670. Assisted in the preparation of plans and proposal documents for the RFP phase of the project. Assisted in development of alternative technical concepts, created roadway typical sections, assisted in roadway geometric design, suggested sequence of construction, and roadway quantities. Assisted in the coordination and organization of all project data with the design team.
10/18-12/22	I-220/I-20 Interchange Imp. & BAFB Access Design-Build Project - S.P. H.003370. Mr. Helminger served as a road design engineer for this design build project. Some of the task performed include creating typical sections, design/layout of guardrail, pier protection and roadway barrier, calculated roadway quantities, performed preliminary bridge design calculations and assisted with coordination of the design team.
05/13-07/18	I-49 South: Ambassador Caffery & U.S. 90 Interchange - S.P. H.002868. Prepared roadway plan profiles, typical sections, barrier details, pavement marking details, embankment widening and guardrail details, suggested sequence of construction, MSE wall layout and details, quantity tables, and all bridge plans for the 2 mile stretch of urban freeway in Lafayette Parish. Assisted in drainage design and vertical alignment of roadways. Performed all bridge design calculations including deck design, girder design, column bent and pile bent design, footings, columns, pile loads. Calculated all riser and bent elevations. Assisted in the coordination and organization of subconsultants.

16. STAFF EXPERIENCE

		Firm Huval & Associates, Inc.	
Name: Matthew Herbert, PE Title: Civil Engineer		Years of relevant experience with this employer	12
		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		BS / 2008 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.37713 / LA / 9-30-27	
Year Registered		2013	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		RFIs / Clarifications. Matthew will support DOTD during construction by responding to RFIs, providing design clarifications, reviewing field conditions, and coordinating practical solutions for bridge preservation and repair task orders. He brings experience in bridge design, live load rating, plan development, and construction support for more than 20 bridge replacement projects, including multiple superstructure and substructure types. His background with DOTD projects, emergency bridge repairs, design-build delivery, LRFD design, LRFR load ratings, and QA/QC positions him to provide timely technical responses that help resolve construction-phase issues and keep work moving	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
01/22 - Ongoing	I-10 Calcasieu River Bridge Public-Private Partnership, Calcasieu Parish S.P. H.003931. Lead Engineer for LRFD design, plan preparation, and LRFR live load rating for six bridges on the project. These include Bilbo St., Ryan St., Lakeshore Drive Overpasses (EB & WB), PPG Drive Overpasses (EB & WB), US 90 Overpasses, and I-10 EB Exit Ramp Flyover.		
10/20 - Ongoing	I-10 CMAR: LA 415 to Essen Lane on I-10 and I-12, East & West Baton Rouge Parishes S.P. H.004100 . As a Bridge Engineer on this project, assisted with the LRFD design, plan preparation, and LRFR live load rating on multiple bridge sections throughout the corridor.		
06/19 - Ongoing	I-220/I-20 Interchange IMP & BAFA Access Design-Build Project, S.P. H.003370. Mr. Hebert is serving as Bridge Design Quality Assurance on this design build project which will provide direct access to Barksdale Air Force Base. Most recently, Mr. Hebert has assisted with the QA of the I-220 Overpass bridges and KCS Overpass bridges on the project.		
03/18 - Ongoing	Belle Chasse Public-Private Partnership Project, Plaquemines Parish, Louisiana, Project No. H.004791. Mr. Hebert was the Bridge Design Lead for the LRFD design, plan preparation, and LRFR live load rating for this new high-level fixed bridge over the Intracoastal Waterway. The new bridge will replace the existing moveable bridge and tunnel system. This is the first highway public-private partnership project in Louisiana. The bridge will be constructed in 2 stages to assist in MOT.		
01/23 - 04/23	I-10 Over I-49 Emergency Repairs, S.P. H.015412. On January 3rd, an over height vehicle struck the I-10 eastbound span over the I-49 northbound roadway. Mr. Hebert worked with DOTD to develop a multi-staged approach to re-open I-10 eastbound as fast as possible. A new 3 girder section of the bridge had to be designed and constructed off site. It would later be hauled in with SPMT (Self propelled modular transporters) after the damaged section was removed using a similar approach.		
02/17 - 11/20	I-10 Design Build-LA 42 to LA 73, S.P. No. H.009250. Lead Engineer for the LRFD design, plan preparation, and LRFR live load rating for the Highland Rd. overpass. Highland Rd. consisted of a full replacement of 2 existing structures utilizing a 3-span structure which included 2-60ft. prestressed girder spans and 1-190ft. steel plate girder span. The superstructure is support by column bents and pile bents and will be one structure at the end of the project. In order to maintain traffic, the bridge had to be constructed in 3 separate stages.		

16. STAFF EXPERIENCE | MATTHEW HERBERT, PE CONTINUED

04/14 - 07/18	I-49 South-US 90 Albertson Pkwy to Ambassador Design Build, H.010620. Lead Engineer for LRFD Bridge design and plan preparation of the mainline bridge and the two frontage road bridges over BNSF Railway. The bridges consisted of BT-72 girder spans with column bents and pile footings.
09/18 - 06/19	Loyola Design Build I-10 Airport Interchange, Jefferson Parish, Louisiana, S.P. No. H.011670. Mr. Hebert was a primary bridge engineer throughout the RFP design phase for this complex urban interchange. A new interchange was designed and superimposed onto the existing Diamond interchange to provide direct connector access to the new New Orleans International Airport terminal. Assisted in the preparation of steel tub girder design and details, concrete box girder design and details, as well as plans and proposal documents for the RFP phase of the project. Assisted in development of alternative technical concepts, suggested sequence of construction, and miscellaneous bridge design items and other details. Assisted in the coordination and organization of all project data with the various members of the design team from numerous consulting firms.
09/18 - 08/19	LA 106: Bayou Boeuf Bridge, H.009497. Lead Engineer for the LRFD design, plan preparation, and LRFR live load rating of a new bridge structure to replacement an existing bridge. The new bridge structure consisted of LG girders and pile bents.
11/15 - 04/17	Kaliste Saloom Roadway Widening, LCG. Lead Engineer for the LRFD Bridge Design and plan preparation of an AAHSTO Type 4 girder bridge with pile bents on skew.
10/16 - 12/17	LA 443: Tangipahoa River Bridge Replacement, S.P. H.012728. Assisted in the LRFD design, LRFR load rating, and plan preparation of a LG-25 and LG-36 p.p.c. girder bridge. This was an emergency replacement and 100% final bridge and roadway plans were completed in 8 weeks. In addition to the emergency timeline, the project had to be designed and constructed within the existing ROW and could not interfere with another bridge structure located approximately 250ft east of the existing bridge to be replaced. DOTD also required that the low chord elevation of the new bridge be set to maximize the design storm flood year while also meeting all other project constraints. The design of the bridge also had to meet the DOTD minimum design guidelines for design speed and ADT.

16. STAFF EXPERIENCE

	Firm Huval & Associates, Inc.			
	Name: William Hupperich, PE		Years of relevant experience with this employer	15
	Title: Senior Mechanical Engineer		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		BS / 1996 / Mechanical Engineering		
Active Registration Number / State / Expiration Date		30451 / LA / 03-31-2027; 27091 / MS / 12-31-2026		
Year Registered		2003	Discipline	Mechanical Engineering
Contract Role(s) / Brief Description of Responsibilities		Bridge Preservation. <i>Mr. Hupperich has over 28 years of experience in the design and of mechanical systems for movable bridges and operator houses. Mr. Hupperich was in responsible charge of the movable bridge machinery and operators' house designs; some are shown below.</i>		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
08/22 - Ongoing	St. Mary Parish Movable Br Repairs & St. Mary Parish Movable Br Repairs (Ph 2) – St. Mary Parish, LA; S.P. H.015224 & S.P. H.015523. Developed plans, specifications and construction cost estimates for repairs to five (5) off system swing span bridges in St. Mary Parish: Rizzo, Katy, Sorrel, Centerville and Bridge Rd. This work consists of refurbishing/replacing the movable bridge hydraulic power units, hydraulic cylinders, and incorporating new movable traffic barriers. Mr. Hupperich is serving as the Engineer of Record and is in responsible charge of the mechanical design.			
06/22 - Ongoing	Buquet Lift Bridge Hurricane Ida Damage Inspection and Repair Plans - TPCG -IDA 0105, FEMA PW 673937. Inspection of hurricane Ida damage to the Buquet Lift Bridge in Houma Louisiana and development of a report containing the damage and cost estimates for the respective repairs following the FEMA Consensus Based Codes, Standards and Specifications. Mr. Hupperich developed repair plans and specifications relevant to the lift span, movable bridge machinery, and repairs to the operator's house. the span locks, air buffers, guide rollers, trunnion bearings, wire ropes, movable traffic barriers and operators house roof, siding, windows, A/C, and doors. Mr. Hupperich is serving as the Engineer of Record and is in responsible charge of the mechanical design of the movable bridge machinery, movable traffic barriers, and Operators house.			
05/22 - Ongoing	New Pontoon Bridge – Valentine Bridge Replacement, Lafourche Parish Government, Lafourche, LA. Designed, detailed, final plans, specifications, calculations, and cost estimates for the mechanical systems including the pontoon winch drive machinery, deflector sheave assemblies, apron machinery, and movable approach span hoist machinery. Mr. Hupperich is in responsible charge of the movable bridge machinery including apron, pontoon bridge, and approach span operating machinery. Mr. Hupperich is serving as the Engineer of Record and is in responsible charge of the mechanical design of the movable bridge machinery.			
08/20 - Ongoing	New Vertical Lift- GLPC, Airport Connector Road and Bridge, Lafourche, LA, S.P. H.011915. Designed, detailed, and sealed final plans, specifications, Calculations, and cost estimates for mechanical systems for a new bridge including: tower drive machinery, span locks, counterweight ropes, skew control, differential and leveling clutch, air buffers, movable traffic barriers, fixed and expansion shoes, counterweights, guide rollers, access systems and handrailing. Currently providing construction related engineering services including shop drawing review, RFI's, shop visits, site visits, and related project management. Mr. Hupperich is serving as the Engineer of Record and is in responsible charge of the mechanical design of the movable bridge machinery, movable traffic barriers, and access systems.			

16. STAFF EXPERIENCE | WILLIAM HUPPERICH, PE CONTINUED

03/20 – 05/23	Double Leaf Bascule Rehabilitation- SR 609 Bridge over Old Fort Bayou, Jackson, MS, BR-9385-00 (017). Designed the temporary hydraulic system including: operating cylinders, HPU, piping, and control interface. Produced a calculation package. Worked together with a hydraulic systems fabricator to build, test, ship, and install the complete system on the bridge. Mr. Hupperich served as the Engineer of Record and was in responsible charge of the movable bridge machinery relevant to the hydraulic cylinder and HPU for temporary operation.
05/21 – 05/23	New Swing Span- Herman Dupuis RD. Pontoon BR. Replacement, St. Martin, LA, Bridge Recall 200896. Designed, detailed, and sealed final plans, specifications, calculations, and cost estimates for a new bridge including: HPU, piping, Hydraulic motor, gearbox, rack, pinion, pivot bearing, balance wheels, track, live load rockers, end wedges, span balance, and movable traffic barriers. Provided construction engineering related services including shop drawing review, RFI's, shop visits, site visits, and related project management. Mr. Hupperich served as the Engineer of Record and was in responsible charge of the movable bridge machinery and movable traffic barrier designs.
03/17 – 11/21	Vertical Lift Rehabilitation- LA 336-1: Bayou Teche Bridge Rehab (HBI); St. Martin, S.P. H.011485. Performed site inspections and prepared a report with repair recommendations. Designed and detailed final plans, specifications, and calculations of the tower drive machinery, pier machinery and the movable traffic barrier. Coordinated with the architect to develop operators house renovation plans and specifications. Performed construction related engineering services. Mr. Hupperich served as the Engineer of Record and was in responsible charge of the movable bridge machinery.
09/17 – 02/19	Single Leaf Bascule Rehabilitation – Theriot Bridge, Terrebonne, LA, Parish Project 17-BRG-49. Designed, detailed, and sealed final plans, specifications, calculations, and cost estimates for bridge machinery including: trunnion shaft and bearing assembly, winch and cable operating system, span balance calculations, selection of electrical components, sizing conductors, conduit runs, and pull boxes. Mr. Hupperich served as the Engineer of Record and was in responsible charge of the movable bridge machinery.
06/13 – 09/15	Swing Span Rehabilitation- LA 671: Jeanerette Bridge Wedge System Repair, Iberia, LA, S.P. H.009467. Designed, detailed, and sealed final plans, specifications, and cost estimates for repairs to the end wedge system, refurbishment of the pivot bearing, adjustments to the span operating machinery. Performed construction related engineering services: submittal and shop drawing review, RFIs, and field inspections. Mr. Hupperich served as the Engineer of Record and was in responsible charge of the movable bridge machinery repairs.
10/11 – 03/14	Vertical Lift Bridge Rehabilitation- US 165-B: Red River - Jackson Street Bridge, Alexandria, LA, S.P. H.000579. Designed and developed plans, specifications, and cost estimates for the tower drive machinery, span locks, air buffers, traffic barrier machinery, and operator's house renovation, HVAC, plumbing, STP, lift station and related. Performed construction services including submittal and shop drawing review, RFIs, and conducting field inspections. Mr. Hupperich served as the Engineer of Record and was in responsible charge of the movable bridge machinery and operator's house.
04/03 - 04/10	Movable Bridge Design Experience while at DOTD: - Bayou Terrebonne, Prospect Street, Houma, S.P. 065-91-0016; Bayou Lafourche, Larose, S.P. 064-05-0085; Bayou Teche, Lewis Street, New Iberia, S.P. 823-46-0001. Designed, detailed, developed specifications and cost estimates of the movable bridge machinery, movable traffic barrier and the operator's house portions of the above projects. Performed some construction services, including reviewing equipment submittals, shop drawings, responding to RFIs, and conducting field inspections. Mr. Hupperich served as the Engineer of Record and was in responsible charge of the movable bridge machinery and operator's house.

16. STAFF EXPERIENCE

		Firm Huval & Associates, Inc.	
Name: Justin Peltier, PE Title: Civil Engineer		Years of relevant experience with this employer	12
		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		BS / 2005 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.34765 / LA / 09-30-2027	
Year Registered		2004	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Bridge Preservation. Justin has 12 years of experience in civil and bridge/structural engineering. Previously employed with DOTD Bridge Design Section, he was involved with the design, live load rating, plan development, and construction support of more than 20 bridge replacement projects. These include but are not limited to: AASHTO p.p.c. girders, quadbeams, cast-in-place and precast slab spans, steel girders, moveable swing spans, concrete box culverts, pile bents and column bents supported by drilled shafts and/or pile footings. He also served as the Engineer of Record (EOR) for the DOTD concrete barrier rail and the detour bridge special details.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
09/20-Ongoing	I-10: LA 415 To Essen Lane on I-10 and I-12 CMAR, S.P. H.004100. Lead bridge engineer and Structures Team lead/manager for this \$1 billion project to widen I-10 in the heavily congested section through Baton Rouge. This very complex project will replace existing bridges in the urban area within an extremely constrained ROW while maintaining the existing traffic flow on I-10 through the construction zone. Roles include bridge design, plan development, load rating, structure rehabilitation, alternative bridge concepts development, construction sequencing, contractor style cost estimates, managing the bridge and structural design and plan production process, leading bi-weekly structures task force meetings, and implementing the bridge design QC/QA process.		
04/18 -Ongoing	I-49 South at Verot School Road, S.P. H.011235. Bridge design manager and lead bridge design and load rating engineer to provide preliminary and final engineering and related services to construct 2.4 miles of mainline freeway and an interchange at the intersection of I-49 South/US 90 and Verot School Road. The project consists of an above grade bridge structure on Verot School Road that traverses over the I-49 South/US 90 mainline roadway over and parallel to the BNSF RR. The project also includes one-way frontage roads on both sides of the main line roadway, a two-way collector service road east of the main line roadway, and a new alignment of Verot School Road from the interchange to an existing bridge structure approximately 600' west of its intersection with LA 182 (Pinhook Road).		
09/17-Ongoing	Kansas Lane-Garrett Road Connector and I-20 Improvements, S.P. No. H.007300. Bridge design manager and lead bridge design and load rating engineer for a new Garrett Road bridge over I-20 and a new Garrett Road to Kansas Lane connector structures which spans over the KCS RR ROW. The Garrett Road structure consists of an LG-36 p.p.c. girder superstructure supported by column bents and pile footings. The Garrett Road to Kansas Lane connector structure consists of LG-36 p.p.c. girder approach spans with a 3-span continuous plate girder superstructure over the KCS railroad ROW and is supported by column bents and pile footings.		
09/19-Ongoing	Airport Connector Road and Bridge, S.P. No. H.011915. Served as the lead bridge design and load rating EOR for a new lift span movable bridge over Bayou Lafourche in Galliano, LA. The bridge required a minimum horizontal and vertical clearance of 70ft and 73ft and a clear roadway width of 42ft with 5ft sidewalks on each side. The design included steel lifting girders, floor beams and stringers, concrete piers and machinery decks. The design was performed in accordance with the AASHTO LRFD Movable Bridge Design Specifications the DOTD BDEM.		

03/19-04/23	I-220/I-20 Interchange IMP & Barksdale Access Design-Build Project, S.P. No. H.003370. Bridge design manager and lead bridge design and load rating engineer for the I-220 bridges over I-20 and Barksdale Access Road bridges over the KCS Railroad and also responsible for implementing the QC/QA plan for the bridge design and plan development process. The I-220 structures over I-20 consist of twin bridges utilizing LG-54 p.p.c. girder spans supported by concrete column bents and drilled shafts. The Barksdale Access Road structures consist of twin bridges utilizing LG-54 p.p.c. girder approach spans supported by concrete pile bents and a main span over the KCS Railroad consisting of 170'-0", LG-78 p.p.c. girders supported by concrete column bents and drilled shafts.
07/17-08/20	I-10: Highland Road to LA 73, Design Build Project, S.P. No. H.009250. Served as the lead bridge and load rating engineer for the widening of the I-10 E.B. and W.B. slab span bridges over Manchac Bayou and provided Q.C. for the replacement of the I-10 E.B. and W.B. bridges over Highland Road with a new steel plate girder bridge with p.p.c girder approach spans. The existing I-10 mainline bridge at the Highland Road interchange needed to be reconstructed under the project to provide longer spans in addition to more lanes.
06/14-04/19	US 90 (I-49South), Albertson's Parkway to Ambassador Caffery, Design-Build Project, S.P. No. H.010620. Bridge design manager and lead bridge design for the new US 90 bridge over Albertson Parkway and provided Q.C. for the US 90 BNSF RR overpass bridge within the same footprint as the existing bridge while maintaining 4-lanes of US 90 traffic during construction. This presented unique design challenges and required a complex, three-phase, traffic control and construction sequencing plan to move traffic safely through the tight work zone. The bridges consisted of multi-continuous p.p.c. girders spans supported by concrete column bents and pile footings.
06/10-12/15	Bayou Teche Bridge at Oaklawn, S.P. No. H.002798. While employed at DOTD, assisted in the design of the concrete pivot and rest piers for an unequal arm swing span bridge and approach concrete slab spans. At Huval, served as the EOR for the live load rating and independent technical review for the entire structure. Tasks included performing a live load rating and preparing the rating report and applicable influence lines and independent design check of all structural elements in accordance with the DOTD BDEM and AASHTO LRFD Movable Bridge Design Specifications.
06/17-2/19	Terrebonne Parish Consolidated Gov't, Theriot Bascule Bridge Evaluation and Rehabilitation. Served as the lead bridge and load rating EOR for the evaluation and rehabilitation for a bascule bridge in southern Terrebonne Parish. The bridge consisted of timber approach spans with a 30'-0" steel, bascule main span. The project included replacing the bascule span and associated mechanical and electrical equipment and rehabilitation of the approach spans. The design of the bascule span was in accordance with the AASHTO LRFD Movable Bridge Design Specifications.
03/13-Ongoing	Statewide Parish Gov't Live Load Ratings. EOR for over 200 live load ratings for various Parishes throughout the State of Louisiana. These include but are not limited to cast-in-place and precast slab spans, p.p.c. girders, movable bascule spans, movable swing spans, movable lift spans, steel girders, timber, concrete box culverts, steel pony trusses and precast channel beams.

16. STAFF EXPERIENCE

		Firm: Huval & Associates, Inc.	
Name: Reid Romero, PE Title: Civil Engineer		Years of relevant experience with this employer	16
		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2005 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.37772 / LA / 9-30-2027	
Year Registered		2013	Discipline: Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Bridge Design / Repair. Mr. Romero has been involved in bridge and structural design, plan preparation, bridge inspections and construction support services. Mr. Romero completed several NHI training courses including Fundamentals of LRFR and Applications of LRFR for bridge superstructures course, and a Drilled Shaft LRFD design methods and construction procedures course. Mr. Romero is familiar with the DOTD Bridge Design and Evaluation Manual, DOTD LRFD Bridge Design Manual, 2002 AASHTO Bridge Specifications, as well as the current AASHTO LRFD Bridge Specifications.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
05/20 – 05/25	Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400017262. Lead Engineer of Retainer Contract. Responsible for coordination, project setup, QA/QC, and lead bridge design for the \$5M retainer.		
9/22 – Ongoing	Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400023923. Lead Engineer of Retainer Contract. Responsible for coordination, project setup, QA/QC, and lead bridge design for the \$7M retainer.		
03/23-Ongoing	Jimmie Davis Bridge (LA 511), S.P. No. H.001779. Bridge Task Lead for the Design Build project to construct the new four lane bridge across the Red River in Bossier / Caddo Parish. The project includes the reconstruction of nearly two miles of LA 511 into a modern, four lane median divided highway. The initiative also includes the transformation of the existing Jimmie Davis Bridge into a Linear Park. The repurposed structure will be a vibrant public space, featuring new multi-use paths for pedestrians and cyclists. Lead Structural Engineer for the Bridge Rehabilitation plans required to convert the existing traffic bridge to a pedestrian bridge/Linear Park. Rehabilitation plans include concrete deck replacement, concrete substructure repairs, steel superstructure repairs, bearing rehabilitation, cleaning and painting of all structural metalwork, and ADA compliant steel bridge railing and joint rehabilitation.		
01/22-Ongoing	I-10 Calcasieu River Bridge Public-Private Partnership, Calcasieu Parish S.P. H.003931. Bridge Design Engineer for the PPG Drive overpass. As part of an approved ATC, the existing I-10 eastbound and westbound bridges over PPG Drive will be widened and rehabilitated instead of replaced, as the line and grade concept originally identified. The existing bridges consist of AASHTO prestressed concrete girder superstructures supported by column-bent foundations. The two spans over the railroad contain steel beams that are non-composite. The westbound structure will be widened to the outside and the eastbound structure will be widened to the inside. An off-ramp will also be constructed on the outside of the eastbound structure. The newly widened/constructed sections of the bridge will match the superstructure and substructure of the existing bridges.		
11/18 – Ongoing	Old Mississippi River Railroad Bridge and Tunnel (Old U.S. 80). Performed Complex Bridge Design for the Old U.S. 80 Bridge Over the Mississippi River including bridge safety and repair inspections, structure maintenance and repair plans for the existing combination highway and railway through truss and the approach deck girder bridge. Performed calculations for Heavy Haul/Overweight Load special crossings.		

16. STAFF EXPERIENCE | REID ROMERO, PE CONTINUED

04/18 – 05/23	Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400011225. Lead Engineer of Retainer Contract. Responsible for coordination, project setup, QA/QC, and bridge rehab design for the \$4M retainer.
12/19-01/23	New Swing Span- Herman Dupuis RD. Pontoon BR. Replacement, St. Martin, LA, Bridge Recall 200896. Lead structural engineer for the bridge design and plan development of a new swing span bridge over alligator bayou which replaced the Butte LaRose Pontoon bridge. Designed, detailed, and sealed final plans, specifications, calculations, load rating and cost estimates for all structural elements.
03/19-06/22	I-220/I-20 Interchange Imp & BAFB Access Design Build Project – S.P. No. H.003370. Responsible for QA of the bridge plans and load rating for the LA 1267 bridges over I-20 and the LA 1267 bridges over the KCS Railroad. The LA 1267 structures over I-20 consist of twin bridges utilizing LG-54 p.p.c. girder spans supported by concrete column bents and drilled shafts. The LA 1267 structures over KCS Railroad consist of twin bridges utilizing LG-54 p.p.c. girder approach spans supported by concrete pile bents and a main span over the KCS Railroad consisting of 170'-0", LG-78 p.p.c. girders supported by concrete column bents and drilled shafts. Some unique challenges that the project has presented is designing applicable LA 1267 bridges over I-20 column bents for vehicular collision and completely spanning the KCS own ROW utilizing concrete p.p.c. girders.
07/17-08/20	I-10: Highland Road to LA 73, Design Build Project, East Baton Rouge & Ascension Parish, S.P. No. H.009250. Led the design, plan preparation, and load rating for the repair of the prestressed girder bridge on LA 928. Performed QA/QC of the LRFD design calculations and load rating for the steel girder bridge at Highland road and the slab span widening at Bayou Manchac. The existing I-10 mainline bridge at the Highland Road interchange needed to be reconstructed under the project to provide longer spans in addition to more lanes. An innovative sequence of construction scheme and bridge design enabled construction of this bridge while maintaining 74,000 ADT traffic. Huval's cost-effective designs enabled its design-build team to be the only competitor to fit within the Owner's budget of \$72 million.
11/17-07/18	Surrey St. Bridge Repairs, Lafayette Parish. Lead Engineer for the repair of the Surrey St. Bridge in Lafayette. Project consisted of bearing repair and replacement, concrete riser construction, deck overlay, joint repairs, painting of steel girders with full enclosure, and miscellaneous work.
12/09-01/13	St. Ann Swing Span Bridge, S.P. 700-55-0107 & S.P. H.005029.5. Assisted in plan preparation and performed designed calculations on this swing span bridge. Performed moment balance calculations, design of pedestrian walkway, counterweight design calculations, traffic barrier design calculations, light pole foundation design calculations, quantity calculations, design checks of stringer and main girders, and plan review and markups. Provided construction services on an as-needed basis.
12/11-01/13	Seabrook, Port of New Orleans Req. No. 077704. Performed span balancing calculations of the bascule bridge throughout the different construction phases. Designed temporary support brackets to elevate existing ballast beams to allow for painting of the bottom chord. Provided additional construction services on an as-needed basis.

16. STAFF EXPERIENCE

	Firm Huval & Associates, Inc.		
Name: Robert Schmidt, PE, PTOE Title: Engineering Manager	Years of relevant experience with this employer 9		
	Years of relevant experience with other employer(s) 35		
Degree(s) / Years / Specialization	BS / 1982 / Civil Engineering		
Active Registration Number / State / Expiration Date	22837 / LA / 09-30-2027		
Year Registered	1987 <table border="1" data-bbox="1035 375 2003 428"> <tr> <td>Discipline</td> <td>Civil Engineering</td> </tr> </table>	Discipline	Civil Engineering
Discipline	Civil Engineering		
Contract Role(s) / Brief Description of Responsibilities	AECOM Team Task Manager. Mr. Schmidt is a Senior Manager at Huval & Associates. Prior to this role, he served as Practice Leader for international engineering firms in Louisiana and the Gulf Coast area. With 42 years of broad transportation experience in New Orleans, Baton Rouge, and across the nation, he has focused on some of the most challenging projects in the industry. Mr. Schmidt has led all aspects of transportation, including program management and administration, planning, traffic engineering, design, construction, and operations. He has managed numerous alternative delivery projects, such as Design-Build and Construction Manager at Risk (CMAR). Throughout his career, he has dedicated himself to providing credible, high-quality, innovative solutions to Louisiana's transportation system and other systems across the country.		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
01/20 – Present	Louisiana DOTD, I-10 CMAR Project (Reconstruction and Widening) LA 415 to Essen Lane on I-10 and I-12, WBR and EBR Parishes, LA. Mr. Schmidt is HUVAL's project manager and principal in responsible charge of design on its \$2.0 billion project to widen I-10 in the heavily congested section through Baton Rouge. This very complex project will replace existing bridges in the urban area within an extremely constrained ROW while maintaining the existing 3 lanes of traffic flow on I-10 through the construction zone. Schmidt is responsible for all aspects of the design team including preparation of plans for 7 construction contracts to cover Segment 1 of the corridor. Services include extensive traffic studies to provide for Maintenance of Traffic through the construction zone during construction as well as numerous context sensitive design and aesthetic treatments through the corridor.		
02/22 – Present	Louisiana DOTD, I-10 Calcasieu P3 Project, Lake Charles, LA. Mr. Schmidt is HUVAL's Project Director and Roadway Design Key Personnel for the preliminary design phase of the \$2.3 billion I-10 P3 reconstruction project in urban Lake Charles. The project is being delivered by alternative delivery including toll financing. Services include traffic engineering, bridge design, road design, and related activities. Alternative technical concepts have been developed by HUVAL saving approximately \$100 million in project cost, helping to make the project financially solvent.		
03/00 – 09/10 04/21 – 04/25	Louisiana DOTD, I-10 Calcasieu River Bridge and Approaches EIS and P3, Lake Charles, LA. Mr. Schmidt was the project manager and project principal for this 9-mile \$500 million urban freeway improvements project in the NEPA planning phase and the P3 delivery phase (in progress).. In these roles he has had ultimate responsibility for all aspects of the project, including NEPA planning, design, traffic control, schedule compliance, and QA/QC plans/adherence. This urban freeway project is extremely comprehensive and complex, consisting of the reconstruction of an existing I-10 high level crossing of the Calcasieu River and improvements to nine miles of urban freeway approaches. An interchange at the base of the bridge significantly complicates the design, construction staging, and maintenance of traffic options. Mr. Schmidt has worked with DOTD leaders to solve these issues, which has had the added benefit of managing funding requirements by staged implementation over time. The project includes an EIS/ROD, preliminary geometric and bridge design, special engineering studies (including traffic impacts through the construction zone and value engineering regarding hazardous waste issues), and litigation support regarding hazardous waste encroachments. The project is now in the P# project delivery phase.		

16. STAFF EXPERIENCE | ROBERT SCHMIDT, PE, PTOE CONTINUED

01/18-Ongoing	Louisiana DOTD, New Belle Chasse Bridge P3 Project - S.P. H.004791. Mr. Schmidt is the Design Manager for the new \$150 million Belle Chasse bridge and urban roadway approaches, including a new access management interchange between LA 23 and Engineers Road. In this role he is responsible for all design work performed on the project including road, bridge, geotechnical, traffic engineering, and other disciplines. The project is currently 50% through the design phase.
01/20-Ongoing	Louisiana DOTD, Comite Diversion Canal Highway and Railroad Bridges CMAR, Caddo Parish, LA. - S.P. H. 001352.5 and H. 002273.5. Mr. Schmidt is serving as the CMAR liaison for the CMAR Preconstruction Phase of this \$50 million project to build new highway bridges on LA 19 and LA 67 over the new Comite River Diversion Canal. The project also includes design of a new railroad bridge over the new canal parallel to LA 19. Detour roadways, railroad shooflys, utility coordination are also a part of the project.
01/22 – Ongoing	City-Parish of Baton Rouge/E. Baton Rouge, US 61 Airline Highway North, Baton Rouge, LA. Mr. Schmidt is HUVAL's Project Manager leading the Traffic Engineering, NEPA studies, and Roadway Design for the 5.8 miles section of Airline Highway in East Baton Rouge Parish. The project includes upgrading the road from 4 to 6 lanes including access management and superstreet design features.
01/12 – 03/15	Louisiana DOTD, Jimmie Davis Bridge EA. Mr. Schmidt is Project Principal for an EA to replace the 80 year old steel truss bridge over the Red River near Shreveport, LA. The project includes approach roadways and interchanges. Alternatives considered include a new four lane structure, rehabilitating the existing truss bridge and providing a new two lane structure, and removing the existing truss superstructure from the existing piers and providing a new plate girder structure using existing piers. Cost management to meet funding availability is a big issue on the project, as well as coordination with the Coast Guard regarding the navigable waterway.

Firm		Ardaman & Associates, Inc.		
	Name: Megan Bourgeois, PE		Years of relevant experience with this employer	20
	Title: Principal Engineer / Assistant Branch Manager		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2006 / Civil Engineering		
Active Registration Number / State / Expiration Date		0036725 / LA / 03-31-2028; Traffic Control Supervisor / LA / 6-21-2028; DOTD Flagger / LA / 8-14-2028; Certified NHI Drilled Shaft Inspector		
Year Registered		2011	Discipline	Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Geotech. Megan has more than 20 years of experience with design and analyses of countless types of foundations including shallow, embankment settlement analysis, deep foundations (pile and drilled shafts), LRFD design, FHWA & GEC design, slope stability (embankment and excavation) and earth retaining structures. She also has extensive experience with geotechnical instrumentation, installation and monitoring, and construction phase testing and laboratory management. She has served as Ardaman's project manager for many DOTD projects for bridges and roadways throughout Louisiana and completed numerous geotechnical investigations, engineering, and reporting in accordance with DOTD standards. She has successfully overseen several major contracts for DOTD and other clients. Megan also serves as the director of our geotechnical engineering and CMT laboratories in Baton Rouge and has overseen the laboratory testing programs in accordance with DOTD standards. In this role, she supervises the laboratory managers, oversees testing, provides guidance to laboratory staff, and ensures appropriate protocol is followed and deadlines are met in addition to providing training material and maintaining all laboratory certifications, including AMRL, CCRL, DEQ & USACE.		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/23 - Ongoing	SP NO. H.013284 / MRB SOUTH GBRL: LA 1 TO LA 30 CONNECTOR: West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, LA. Project Engineer. The project consists of an Enhanced Planning investigation into S.P. No. H.013284, MRB South GBR: LA 1 to LA 30 Connector, with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings from three proposed alignments. Megan helped oversee supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile all the soil borings and ECPT. The preliminary engineering analyses included caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations.			
07/21 - 01/22	SP NO. H.003931 / I-10 CALCASIEU RIVER BRIDGE: Calcasieu Parish, LA. Project Manager. Managed all aspects of this project pertaining to coordination of fieldwork including 37 deep soil borings, 39 ECPTs and 13 geophysical survey transects. A majority of the soil borings were completed from a barge over deep water, some from a marsh buggy over shallow water and thick marsh grass. Megan also managed and oversaw the laboratory testing program and processing and analyzing of the ECPT and ER data. She also assisted with development of a geotechnical database and preparation and submittal of a geotechnical data report. This project consisted of obtaining geotechnical data under a strict deadline to be used in the design of a replacement of the existing I-10 Calcasieu River Bridge with a new structure and improvements to various other interchanges.			

16. STAFF EXPERIENCE | MEGAN BOURGEOIS, PE CONTINUED

04/21 - Ongoing	SP NOs. 700-29-0112, 700-29-0130, H.012565, H.012891, H.014251, H.014252, H.014253, H.014254, H.014256, H.014257 / Rural Bridge Initiative Phase II: West Feliciana, East Feliciana, Livingston, and St. Bernard Parishes, LA. Project Engineer. This project consists of the replacement of multiple small two-lane bridges throughout rural areas of Southeast Louisiana which generally ranged in length from 100 to 400 feet, over various size rivers and creeks. Megan leads technical reviews pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses, construction testing program recommendations, and report preparation in accordance with DOTD guidelines.
07/21 - Ongoing	SP NO. H.004100.5 / I-10: LA 415 to Essen Lane on I-10 & I-12 (CMAR) Baton Rouge Parish, LA. Project Engineer. Leads technical reviews pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. This is a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles.
10/15 - 10/21	SP NO. H.013579 / Pecue Lane I-10 Interchange: East Baton Rouge Parish, LA. Project Manager. This project consists of twin bridges with MSE wall abutments for both bridges crossing Interstate I-10, a bridge crossing Ward's Creek, and on/off-ramps in south Baton Rouge. Megan managed all aspects of the project that included field investigations, laboratory testing, and engineering design. Megan performed analyses including settlement estimates with recommendations for monitoring, driven pile design including down drag considerations, MSE Wall design, slope stability and pavement section recommendations; all completed according to DOTD standards. She is currently assisting with the field construction monitoring.
10/09 - Ongoing	SP NO. H.004646.5 / I-20 Mississippi River Bridge Review: Vicksburg, MS. Project Manager. Megan manages this multi-million-dollar, highly technical project consisting of investigating movement of the I-20 Bridge in Vicksburg, MS. She managed a highly technical team including academia, experts, including internationally recognized geotechnical engineers, geohydrologists, instrumentation specialists, and 3-D geotechnical modeling experts. She managed and personally oversaw a comprehensive laboratory testing program and was involved in refining the geotechnical site characterization for the bank/bluff where there was evidence of shifting creating movement in the bridge structure. The specialized testing, she personally performed or managed included x-ray diffraction, x-ray scanning to identify existing shearing planes and stress-reversal direct shear tests to determine true residual angles of critical strata. She was instrumental in designing the geotechnical instrumentation program for this project including vibrating wire piezometers, Casagrande type piezometers, SAA inclinometers, and traditional inclinometers. In addition, Megan performed seepage and drawdown analyses, slope stability analyses, evaluation of remedial measures including design and evaluation of large foundation structures and developed technically feasible solutions to mitigate ground movement. She co-authored the geotechnical analysis and design report. She is currently overseeing the comprehensive monitoring program.
03/19 - 07/20	SP NO. H.004100.5-2 / I-10 Widening (LA 415 to Howard ST): East Baton Rouge Parish, LA. Project Manager. Managed all aspects of the geotechnical investigation in support of the widening of the East and Westbound lanes, elevated structures, and construction of interchange and ramps on Westbound lanes along I-10 between LA 415 and Howard Street spanning approximately 1 mile. The geotechnical investigation included 58 deep borings and 11 cone penetrometer (CPT) soundings, electrical resistivity imaging along the entire alignment, laboratory testing and the preparation of a geotechnical data report.
11/21 - Ongoing	SP NO. H.012030 / US 371: KCS Railroad Overpasses HBI: Webster Parish, LA. Project Engineer. The project consists of construction of three bridges for US 371 KC Railroad overpasses that replaced two parallel bridges and one standalone bridge. Ardaman performed the geotechnical investigation and engineering analysis for drilled shafts and made advanced test shaft recommendations.

Firm		Ardaman & Associates, Inc.	
	Name: Robert Jewell, PE		Years of relevant experience with this employer
	Title: Project Engineer / Branch Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2009 / Civil Engineering	
Active Registration Number / State / Expiration Date		38579 / LA / 09-30-2026; Traffic Control Supervisor / LA / 08-23-2028; DOTD Flagger / LA / 07-31-2029	
Year Registered		2013	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Geotech. Robert serves as the manager of our Baton Rouge office and has over 19 years of experience with design and analyses of countless types of foundations including shallow, embankment settlement analysis, deep foundations (pile and drilled shafts), LRFD design, FHWA & GEC design, slope stability (embankment and excavation) and earth retaining structures. He has managed and coordinated many geotechnical field investigations, including shallow and deep borings, CPT soundings, and performed analyses and prepares design recommendation reports for DOTD projects. Robert has extensive experience in construction phase testing and oversight including dynamic and static testing, pile integrity testing, cross hole sonic logging, settlement monitoring, and geotechnical instrumentation. In particular, he has over 15 years of experience performing, analyzing, and reporting for PDA testing.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
07/23-Ongoing	SP NO. H.013284 / MRB South GBRL: LA 1 TO LA 30 Connector: West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, LA. Project Manager. The project consists of an Enhanced Planning investigation into S.P. No. H.013284, MRB South GBR: LA 1 to LA 30 Connector, with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings from three proposed alignments. Robert managed supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile all the soil borings and ECPT. He helped oversee the preliminary engineering analyses which included caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations. A data report and preliminary geotechnical assessment report were submitted.		
07/21-Ongoing	SP NO. H.004100.5 / I-10: LA 415 to Essen Lane on I-10 & I-12 (CMAR): Baton Rouge Parish, LA. Project Manager. The project consists of a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles. Robert currently oversee all aspects of engineering analyses pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. Robert helped develop the Geotechnical Data reports, memorandums, and Design reports for this project.		
03/19-07/20	SP NO. H.004100.5-2 / I-10 Widening (LA 415 to Howard St): East Baton Rouge Parish, LA. Project Engineer. Comanaged all aspects of the geotechnical investigation in support of the widening of the East and Westbound lanes, elevated structures, and construction of interchange and ramps on westbound lanes along I-10 between LA 415 and Howard Street spanning approximately 1 mile. The geotechnical investigation will include 58 deep borings and 11 cone penetrometer (CPT) soundings, field resistivity testing, and associated laboratory testing and the preparation of a geotechnical data report.		

16. STAFF EXPERIENCE | ROBERT JEWELL, PE CONTINUED

11/21-Ongoing	SP NO. H.012030 / US 371: KCS Railroad Overpasses HBI: Webster Parish, LA. Project Manager. The project consists of construction of three bridges for US 371 KC Railroad overpasses that replaced two parallel bridges and one standalone bridge. Ardaman performed the geotechnical investigation and engineering analysis for drilled shafts and made advanced test shaft recommendations.
04/21-Ongoing	SP NOs. 700-29-0112, 700-29-0130, H.012565, H.012891, H.014251, H.014252, H.014253, H.014254, H.014256, H.014257 / Rural Bridge Initiative Phase II: West Feliciana, East Feliciana, Livingston, and St. Bernard Parishes, LA. Project Manager. The project consists of the replacement of multiple small two-lane bridges throughout rural areas of Southeast Louisiana which generally ranged in length from 100 to 400 feet, mainly over small rivers, and creeks. Robert oversees all aspects of engineering analyses pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses and construction testing program recommendations.
10/18-11/21	SP NO. H.003370 / I-220 / I-20 Interchange Improvement and Barksdale Air Force Base Access Road: Bossier Parish, LA. Project Manager. This was a Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and constructing an interchange and access road from Interstate 20 in Bossier City, Louisiana. Robert managed and oversaw the preparation of the preliminary design and planning report. Robert also oversaw the field construction services consisting of PDA monitoring, bi-directional load cell load tests, and settlement monitoring. The PDA program consisted of monitoring PPC piles during initial drive and restrikes to allow for evaluation of setup and early acceptance of pile resistances.
10/15-10/21	SP NO. H.013579 / Pecue Lane I-10 Interchange: East Baton Rouge Parish, LA. Project Engineer. This project consists of twin bridges with MSE wall abutments for both bridges crossing Interstate I-10, a bridge crossing Ward's Creek, and on/off-ramps in south Baton Rouge. Robert helped perform analyses including settlement estimates with recommendations for monitoring, driven pile and drilled shaft design including down drag considerations, MSE Wall design, slope stability and pavement section recommendations; all completed according to DOTD standards. Robert is currently overseeing the construction phase which includes PDA monitoring, static load testing, and settlement monitoring.
07/15-Ongoing	SP NO. H.004273.5 / I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange): Lafayette Parish, LA. Project Manager. The project consists of construction of 5 miles of freeway consisting of a 3.5-mile elevated structure from I-10 to the Airport in Lafayette, LA. Robert oversaw the completion of the Phase I geotechnical investigation, which included 116 deep and shallow soil boring, and 15 CPT soundings, and laboratory testing program per DOTD guidelines. Robert oversaw the completion of the Geotechnical Data Report and assisted with technical reviews pertaining to selection of design reaches, geotechnical design of pile and drilled shaft foundations, drivability, slope stability, earth retaining structures, settlement analyses and construction testing program recommendations, including an advanced test pile program. He is currently overseeing development of the Phase 2 field and laboratory program for each segment.
04/14-Ongoing	SP NO. H.004435 / I-12 to Bush Segment 2, LA 3241 (LA 36-LA435): St. Tammany Parish, LA. Project Manager. Robert oversaw and coordinated the geotechnical investigation which included drilling 32 deep soil borings, 10 culvert borings, and 88 shallow roadway borings, sampling, and laboratory testing along the alignment which includes two bridges: LA 435 over Bayou Lacombe Tributary and LA 36 over Bayou Lacombe Tributary 2. He assisted in developing the geotechnical analyses and design recommendation report which included pile foundations for the bridge structures and shallow foundation design for the culverts. Robert oversaw the construction phase which included PDA testing and settlement monitoring.
10/09-Ongoing	SP NO. H.004646.5 / I-20 Mississippi River Bridge Review: Vicksburg, MS. Project Engineer. Robert assisted in several aspects of engineering for this multi-million-dollar, high risk, high technical needs, high visibility project consisting of investigating movement of the I-20 Bridge in Vicksburg, MS. This project consisted of a comprehensive laboratory testing program and refinement of the geotechnical site characterization for the bank/bluff where there was evidence of shifting creating movement in the bridge structure. Robert helped managed the field investigations and instrumentation programs, along with review of the field data and engineering reporting.

		Firm Ardaman & Associates, Inc.	
Name: Jarmon King, PE Title: Project Engineer		Years of relevant experience with this employer	7
		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		BS / 2019 /Civil Engineering; Traffic Control Supervisor / LA / 11-08-2027; DOTD Flagger / LA / 05-29-2028	
Active Registration Number / State / Expiration Date		49179 / LA / 03-31-2027	
Year Registered		2024	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Geotech. Jarmon serves as a project engineer of Ardaman in the Baton Rouge office with over 8 years of experience. Jarmon is involved with overseeing and conducting geotechnical investigations. Jarmon also prepares soil boring logs; processes and analyzes Cone Penetration Test (CPT) sounding design and analyses of multiple types of foundations including shallow, embankment settlement analysis, deep foundations (pile and drilled shafts), LRFD design, FHWA & GEC design, slope stability (embankment and excavation) and earth retaining structures. Jarmon has experience in overseeing and performing Pile Driving Analyzer (PDA) testing during the construction phase of projects.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
07/23-Ongoing	SP NO. H.013284 / MRB South GBRL: LA 1 to LA 30 Connector: West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, LA. Project Engineer. The project consists of an Enhanced Planning investigation into S.P. No. H.013284, MRB South GBR: LA 1 to LA 30 Connector, with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings from three proposed alignments. Jarmon helped oversee the field program, development of the laboratory testing program, development of an interactive geotechnical database to compile all the soil borings and ECPT. He helped perform the preliminary engineering analyses included caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations. Jarmon assisted in preparation of the Data and Design reports.		
07/21-Ongoing	SP NO. H.004100.5 / I-10: LA 415 to Essen Lane on I-10 & I-12 (CMAR): Baton Rouge Parish, LA. Project Engineer. The project consists of a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles. Jarmon co-manages and oversees the engineering analyses pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. Jarmon helped develop the Geotechnical Data reports, memorandums, and Design reports.		
04/21-Ongoing	SP NOs. 700-29-0112, 700-29-0130, H.012565, H.012891, H.014251, H.014252, H.014253, H.014254, H.014256, H.014257 / RURAL BRIDGE INITIATIVE PHASE II: West Feliciana, East Feliciana, Livingston, and St. Bernard Parishes, LA. Assistant Project Engineer. This project consists of the replacement of multiple small two-lane bridges throughout rural areas of Southeast Louisiana which generally ranged in length from 100 to 400 feet, mainly over small rivers and creeks. Jarmon assisted in engineering design pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses, construction testing program recommendations, and report preparation in accordance with DOTD guidelines.		
11/21-Ongoing	SP NO. H.012030 / US 371: KCS Railroad Overpasses HBI: Webster Parish, LA. Assistant Project Engineer. The project consists of construction of three bridges for US 371 KC Railroad overpasses that replaced two parallel bridges and one standalone bridge. Ardaman performed the geotechnical investigation and engineering analysis for drilled shafts and made advanced test shaft recommendations.		

16. STAFF EXPERIENCE | JARMON KING, PE CONTINUED

07/21-01/22	SP NO. H.003931 / I-10 Calcasieu River Bridge: Calcasieu Parish, LA. Assistant Project Engineer. Assisted with all aspects of this project pertaining to coordination of fieldwork including 37 deep soil borings, 39 ECPTs and 13 electrical resistivity (ER) geophysical survey transects. Most of the soil borings were completed from a barge, some over a considerable amount of water. Some soil borings were completed from a marsh buggy over shallow water and thick marsh grass. He also assisted with the laboratory testing program, processing and analyzing of the ECPT and ER data, development of a geotechnical database and preparation and submittal of a geotechnical data report. This project consisted of obtaining preliminary geotechnical data under an extremely strict deadline to be used in the design phase of a project that will consist of replacing the existing I-10 Calcasieu River Bridge with a new structure and improvements to various other interchanges.
06/20-11/22	SP NO. H.002825 / Nicholson Drive (LA HWY 30) Segment 1: East Baton Rouge Parish, LA. Assistant Project Engineer. This project consisted of the reconstruction and widening of a section of Nicholson Drive between the intersections of Brightside Lane and Burbank Drive for the MOVEBR Program. Thirteen shallow soil borings and two deep soil borings were drilled at the subject site and associated laboratory testing was performed. Jarmon oversaw the field investigation and engineering analyses which included pavement and culvert crossing design recommendations in accordance with DOTD specifications.
10/18-06/21	SP NO. H.000263 / Chef Menteur Pass Bridge & Approach: Orleans Parish, LA. Assistant Project Engineer. Helped produced soil boring logs and CPT soundings in DOTD format. Assisted with development of the data report.
10/18-11/21	SP NO. H.003370 / I-220 / I-20 Interchange Improvement and Barksdale Air Force Base Access Road: Bossier Parish, LA. Assistant Project Engineer. This was a Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and constructing an interchange and access road from Interstate 20 in Bossier City, Louisiana. Jarmon assisted with the construction monitoring aspect of the project which included PDA testing and CAPWAP analyses.
03/19-07/20	SP NO. H.004100.5-2 / I-10 Widening (LA415 to Howard St): East Baton Rouge Parish, LA. Assistant Project Engineer. Jarmon evaluated the laboratory test results and produced logs for the widening of the East and Westbound lanes, elevated structures, and construction of interchange and ramps on Westbound lanes along I-10 between LA 415 and Howard Street spanning approximately 1 mile. The geotechnical investigation included 58 deep borings and 11 cone penetrometer (CPT) soundings, associated laboratory testing and the preparation of a geotechnical data report.
03/25-Ongoing	SP NOs. H.016313.5, H.016314.5, H.016315.5, H.016316.5, H.016317.5, H.016318.5, H.016319.5, H.016320.5, H.016325.5 / Culvert Replacements: Rapides, Richland, Vernon, Winn, Evangeline, Jackson, and St. Landry Parishes, LA. Project Engineer. The project consisted of geotechnical field investigations throughout Louisiana consisting of ten soil borings to depths ranging from 100 to 120 feet, associated laboratory testing, and reporting for new box culvert structures. Jarmon helped produced soil boring logs and CPT soundings in DOTD format and developed the data reports.
09/22-12/25	Evangeline Road & CN Railroad Culvert: St. Charles Parish, LA. Project Manager. Ardaman completed subsurface exploration and geotechnical engineering evaluation. The project consists of the installation of two reinforced concrete box culverts (RCBCs) on the north and south sides of the CN Railroad as it crosses over Evangeline Road near Montz, Louisiana in St. Charles Parish. Ardaman performed the geotechnical fieldwork and engineering evaluation including recommendations for site preparation, shoring and bedding recommendations, and pavement design in a final report.
07/23-Ongoing	SP NO. H.012030 / US 371: KCS Railroad Overpasses HBI: Webster Parish, LA. Project Manager. The project consists of construction of three bridges for US 371 KC Railroad overpasses that replaced two parallel bridges and one standalone bridge. Ardaman performed the geotechnical investigation and engineering analysis for drilled shafts and made advanced test shaft recommendations.

16. STAFF EXPERIENCE

		Firm T. Baker Smith, LLC	
Name: Branden Kinnaird Title: Party Chief		Years of relevant experience with this employer	4
		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization	n/a		
Active Registration Number / State / Expiration Date	n/a		
Year Registered	n/a	Discipline	n/a
Contract Role(s) / Brief Description of Responsibilities	Party Chief. Branden has extensive experience performing surveys according to the DOTD Location and Survey Manual. He has a thorough understanding of DOTD feature coding, control setting procedures, and data collection methodology. Branden has utilized conventional surveying equipment, Real-Time Kinematic GPS equipment, and terrestrial LiDAR for field data collection. In addition to his topographic survey experience, Branden is also very familiar with the principles and procedures for boundary surveying. He has been involved in projects on the state and local levels, as well as for private clients.		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
11/23 - 01/24	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; DOTD; Livingston Parish, LA. Party Chief. Responsible for establishing project control and collecting topographic and drainage data for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.		
11/21 - Ongoing	Contract 44-21973 IDIQ for Professional Surveying Services; DOTD; Statewide, LA. Survey Crew Party Chief. Establishes project control and collects topographic and utility data. Coordinates with landowners to obtain right-of-entry and assists project management throughout duration of the surveys. To date, twelve task orders have been successfully completed under this contract.		
05/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; DOTD; District 08, LA. Party Chief. Laramie established project control, performed topographic surveys and recovered boundary monumentation for the development of ROW maps. Surveys were performed to DOTD Location and Survey standards for the replacement of 12 bridges.		
08/22 - 01/26	S.P. No. H.014918 LA 73 Roundabout at Bluff Road Connector; DOTD/Ascension Parish; Ascension Parish, LA. Survey Crew Party Chief. Established project control and collected topographic and utility data. Coordinated with landowners to obtain right-of-entry. Performed property surveys to assist in the preparation of ROW Maps for the design and construction of a Roundabout at the intersection of LA 73 and the proposed Bluff Road Connector.		
01/24 - 02/24	S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; DOTD / St. Tammany Parish, LA. Party Chief. Branden established project control and performed topographic survey, including development of an existing drainage map, for the design and construction of a roundabout at the intersection of LA 1077 and Brewster Road near Madisonville, Louisiana.		

16. STAFF EXPERIENCE

		Firm T. Baker Smith, LLC	
Name: Laramy Leet Title: Party Chief		Years of relevant experience with this employer	10
		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization	n/a		
Active Registration Number / State / Expiration Date	n/a		
Year Registered	n/a	Discipline	n/a
Contract Role(s) / Brief Description of Responsibilities	Party Chief. Laramy will lead the survey crew for the project. Laramy has extensive experience with DOTD projects and is very familiar with DOTD Location and Survey procedures for control, location, traverse and cross sections. He is very experienced with DOTD coding procedures and the development of survey surfaces for design. His project experience includes boundary, topographic and construction staking for roadways, bridges, subdivisions and municipal projects. He is familiar with roadway alignment properties used in developing topographic surveys for DOTD. He is experienced with static, rapid static, kinematic and real-time kinematic GPS surveying, surveys utilizing conventional total stations and robotic total stations. He maintains ATSSA Traffic Control Technician (TCT), Traffic Control Supervisor (TCS), and Flagger certifications.		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
11/21 - Ongoing	Contract 44-21973 IDIQ for Professional Surveying Services; DOTD; Statewide, LA. Survey Crew Party Chief. Establishes project control and collects topographic and utility data. Coordinates with landowners to obtain right-of-entry and assists project management throughout duration of the surveys. To date, twelve task orders have been successfully completed under this contract.		
05/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; DOTD; District 08, LA. Survey Crew Party Chief. Laramy established project control, performed topographic surveys and recovered boundary monumentation for the development of ROW maps. Surveys were performed to DOTD Location and Survey standards for the replacement of 12 bridges.		
(Ph 1) 07/20 – 01/23 (Ph 2) 05/21 – 05/23	Contract 44-17598, 44-19336, Rural Bridge Replacement Initiative Ph 1 and 2; DOTD; Districts 04, 05, 08, 58. Survey Crew Party Chief. Performed topographic surveys, SUE designation surveys, and GPS Control of 87 bridge replacement projects for DOTD. Survey included approximately 2000' of roadway cross sections, 500' of stream cross sections, and a detailed bridge survey and sketch.		
01/20 - 04/23	S.P. No. H.014407 Move Ascension, Roddy Road @ LA 621 Roundabout, Ascension Parish Government, Ascension Parish, LA. Survey Crew Party Chief. Performed utility survey, topographic survey and recovered boundary monumentation to assist in the ROW mapping for the Roddy Road @ LA 621 Roundabout. Following construction, the lane widths will be widened to 12 feet with 4 feet wide shoulders upon approach to the roundabout. The single lane roundabout will include 18 feet wide entrance lanes and 14 feet wide exit lanes.		
08/22 - 01/26	S.P. No. H.014918 LA 73 Roundabout at Bluff Road Connector; DOTD/Ascension Parish; Ascension Parish, LA. Survey Crew Party Chief. Established project control and collected topographic and utility data. Coordinated with landowners to obtain right-of-entry. Performed property surveys to assist in the preparation of ROW Maps for the design and construction of a Roundabout at the intersection of LA 73 and the proposed Bluff Road Connector.		

16. STAFF EXPERIENCE

		Firm T. Baker Smith, LLC	
Name: Jean Reulet, III, PLS Title: Lead Professional, Transportation Survey		Years of relevant experience with this employer	3
		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		BS / 2011 / Geomatics	
Active Registration Number / State / Expiration Date		PLS.5145 / Louisiana / 03.31.2028	
Year Registered		2015	Discipline Professional Land Surveyor
Contract Role(s) / Brief Description of Responsibilities		Surveyor. Jean serves as TBS' Surveying Lead Professional of Transportation. His field experience for DOTD projects began in 2011 where he has been involved in dozens of survey projects of various sizes across the State of Louisiana. He has participated in all stages of Topographic Survey and ROW Map preparation from field data collection to final deliverables according to the DOTD's Location and Survey Manual. This experience has enabled Jean to develop a very thorough QA/QC process which has been used to train a highly skilled project team. Jean is experienced in the use of cutting-edge technology such as terrestrial and mobile LIDAR methods for collecting topographic and structural data in an efficient and safe manner.	

Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
09/25 - Ongoing	S.P. No. H.008069 Peters Road Bridge and Extension (Phase 3); DOTD; Jefferson and Plaquemines Parishes, LA. Surveyor of Record. Responsible for field crew oversight, data processing and review, and deliverables preparation. Performing Topographic, Bathymetric, and Property surveys across approximately 2.8 miles of Virgin terrain for construction of a road between Walker Road and Engineers Road, including a bridge over the Intracoastal Waterway and Bayou Barataria. ROW Maps are included in this effort to aid in acquisition of the required ROW.
08/19 – 11/19	S.P. No. H.005121.5 LA 1 / LA 415 Connector; DOTD; West Baton Rouge Parish, LA. Senior Project Manager. Responsible for field crew oversight, data processing and review, and deliverables preparation. Performed Topographic and Bathymetric surveys across approximately 2.5 miles of Virgin terrain for construction of a connector Road between LA 415 and LA 1, including a bridge over the Intracoastal Waterway. [Previous employer]
02/16 – 02/17	S.P. No. H.005403: Hooper Road Extension; DOTD, East Baton Rouge and Livingston Parishes, LA. Sr. Project Manager. Responsible for field crew oversight, data processing and review, and deliverables preparation. Performed Topographic and Bathymetric surveys across approximately 3 miles of virgin terrain for the design and construction of the Hooper Road Extension between Greenwell Springs Road and LA 16, including a bridge over the Amite River. [Previous employer]
04/19 – 12/19	S.P. No. H.007811.5 Comite River Diversion; DOTD; East Baton Rouge Parish, LA. Sr. Project Manager. Responsible for field crew oversight, data processing, Title Research and QA/QC. Assisted in the development of ROW Maps for the construction of a diversion canal over virgin terrain from the Comite River to the Mississippi River, including bridges at multiple highway crossings. [Previous employer]
11/21 – Ongoing	Contract 44-21973 IDIQ for Professional Surveying Services; DOTD; Statewide, LA. Project Manager/Surveyor of Record. Jean serves as the project manager and surveyor of record for this Surveying Services IDIQ. He is responsible for manhour estimate preparation and contract negotiations. Jean coordinates with private landowners, railroads, and other entities to obtain right-of-entry prior to survey commencement. He oversees the topographic data collection and processing, utility research, and drainage map development. He also provides QAQC and ensures delivery according to project schedule. To date, Jean has successfully completed 12 task orders (H.009892, H.014414, H.015587, H.016324, H.016326, H.014308, H.015308, H.015449, H.016322, H.016323, H.016333) with one more currently active (H.011242).

16. STAFF EXPERIENCE

	Firm T. Baker Smith, LLC		
	Name: T.J. Stokes, PE		
	Title: Lead Professional, Subsurface Utility Engineering		
Years of relevant experience with this employer		5	
Years of relevant experience with other employer(s)		12	
Degree(s) / Years / Specialization		BS / 2009 / Industrial Engineering	
Active Registration Number / State / Expiration Date		PE.40079 / Louisiana / 03.31.2028	
Year Registered		2015	Discipline Industrial Engineering
Contract Role(s) / Brief Description of Responsibilities		Engineer. TJ will lead and oversee Subsurface Utility Engineering. TJ Stokes, PE leverages 17 years of experience providing engineering services in the transportation industry. As practice leader, he composes and manages integrated project teams to ensure transportation clients' needs are met and exceeded. TJ gained his knowledge of DOTD procedures during his tenure in the Road Design Section and utilizes this information to help coordinate and communicate between the multiple disciplines required to produce the highest quality of deliverable. TJ employs his first hand experience with SUE, surveying, and engineering design to ensure proper coordination of staff and resources. He also has extensive experience managing and overseeing utility coordination and design projects.	
Experience Dates (mm/yy - mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).	
03/23 - Ongoing		Contract 44-24928, IDIQ Contract for Roadway Design Services; DOTD; Statewide. Principal/Practice Leader. TJ supports the ongoing delivery of roadway design services under a statewide IDIQ contract, with involvement across seven active and completed task orders. He assists project teams in maintaining alignment on task order goals, schedules, and deliverable expectations while supporting coordination across multiple concurrent efforts and disciplines. He contributes to overall program execution by facilitating collaboration and reinforcing quality and consistency throughout plan development and delivery.	
11/23 - Ongoing		S.P. No. H.015576, LA 447 & LA 1025: Roundabout; DOTD; Livingston Parish, LA. Principal/Practice Leader. TJ provides leadership support for the development of a roundabout at the intersection of LA 447 and LA 1025. He assists the project team in maintaining alignment on project goals, schedule, and deliverable expectations while supporting coordination across disciplines. He contributes to overall project execution by facilitating team collaboration and reinforcing quality and consistency throughout plan development.	
09/24 – 09/25		S.P. No. H.015721, LA 30: Roundabout @ St Elizabeth/S Penn; DOTD; Ascension Parish, LA. Principal/Practice Leader. TJ supported the development of a roundabout at the intersection of LA 30 and St. Elizabeth/S. Penn through leadership involvement with the project team. He maintained alignment on project goals, schedule, and deliverables and supported cross-team coordination. Work is currently suspended to allow for scope modification and DOTD's stakeholder coordination prior to resuming design efforts between the design team and SUE team.	
05/23 - Ongoing		Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program; DOTD; District 08, LA. Principal/Practice Leader. TJ supports delivery of a multi-project bridge program under the IIJA Off-System Bridge Program in District 08. He assists teams in maintaining alignment on project goals, schedules, and deliverable expectations across multiple concurrent bridge projects. He plays a key role in aligning project goals, schedule, and deliverables while promoting collaboration across disciplines.	
05/23 - Ongoing		Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOT. Principal/Practice Leader. TJ contributes to the delivery of a large-scale, multi-project bridge replacement program involving 87 structures statewide. He supports teams in maintaining alignment on program goals, schedules, and deliverable expectations across numerous concurrent projects. He facilitates collaboration and reinforces consistency and quality across deliverables to support efficient program-wide execution.	

16. STAFF EXPERIENCE

		Firm Vectura Consulting Services, LLC	
Name: Brin Ferlito, PE, PTOE Title: Supervisor / Engineer		Years of relevant experience with this employer	10
		Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization		BS / 1988 / Civil Engineer	
Active Registration Number / State / Expiration Date		PE.0025383 / LA / 09-30-2027	
Year Registered		1993	Discipline Civil Engineer
Contract Role(s) / Brief Description of Responsibilities		TMP. Brin will support TMP development involving temporary traffic control, construction phasing, temporary signals, signal timing, field coordination, and traffic design reviews. Her experience includes DOTD and City-Parish projects requiring temporary and permanent traffic signal plans, construction-phase signal timing, traffic data collection, safety analysis, plan reviews, and coordination with DOTD, EBR Traffic Engineering staff, contractors, and field crews.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
07/21–Ongoing	City of Baton Rouge / Parish of East Baton Rouge, H.007160 – EBR Computerized Traffic Signal System Phase VB, Baton Rouge, LA. Task Leader. Brin led Vectura's Construction Engineering and Inspection (CE&I) services for the construction of 24 traffic signals. She reviewed signal mast arm shop drawings, coordinated with the City-Parish regarding pole acceptance, and conducted field visits with DOTD, City-Parish staff, and the contractor to verify pole foundation locations.		
07/19–Ongoing	City of Baton Rouge / Parish of East Baton Rouge, MOVEBR New Capacity Projects Program Management, Baton Rouge, LA. Lead Traffic Engineer. Brin serves as the lead traffic engineer for the New Capacity Projects program management team. She oversees traffic engineering scopes of work including traffic and speed data collection, traffic design studies, safety analyses, and traffic signal design plan reviews, while coordinating closely with DOTD and EBR Traffic Engineering staff.		
07/19–Ongoing	DOTD, H.004791 – Belle Chasse Bridge and Tunnel Replacement PPP, Belle Chasse, LA. Project Manager. Brin managed development of temporary and permanent traffic signal plans for intersections along LA 23 at Burmaster Street and Engineers Road based on projected design-year traffic volumes derived from the New Orleans Regional Planning Commission Travel Demand Model.		
09/20 – 12/21	DOTD, H.010960.5 – LA 30 Roundabouts at Tanger I-10 Interchange, Ascension Parish, LA. Project Manager. Brin managed design of temporary traffic signal plans implemented during construction of multilane roundabouts replacing three signalized intersections along LA 30 at the I-10 interchange ramps and Tanger Boulevard. Signal timing plans were developed for each phase of construction to maintain progression along LA 30.		
07/18 – 04/19	DOTD, LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design, Addis, LA. Traffic Engineer. Brin developed a pedestrian crosswalk study and traffic signal construction plans for LA 1 at LA 990 based on DOTD Traffic Engineering Manual guidelines. The study included traffic and pedestrian data collection, speed studies, crash analysis, intersection capacity analysis, and progression analysis.		
09/17-04/18	City of Slidell, US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design, Slidell, LA. Traffic Engineer. Brin developed a traffic study evaluating a proposed pedestrian crosswalk and pedestrian signal equipment. Work included traffic and pedestrian data collection, speed studies, crash analysis, pedestrian signal timing development, and preparation of traffic signal modification plans.		

16. STAFF EXPERIENCE

		Firm Vectura Consulting Services, LLC	
Name: Laurence Lambert, PE, PTOE, PTP Title: Supervisor / Engineer		Years of relevant experience with this employer	10
		Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization		BS / 1997 / Civil Engineer; MS / 2006 / Civil Engineer (Transportation focus); MBA / 2010	
Active Registration Number / State / Expiration Date		PE.0029901 / LA / 3-31-2028	
Year Registered		2002	Discipline Civil Engineer
Contract Role(s) / Brief Description of Responsibilities		TMP. Laurence will support TMP development and review for task orders requiring traffic control, detour evaluation, lane closure analysis, queue analysis, construction zone safety review, and sequence of construction coordination. His DOTD experience includes managing Level 4 and Level 2 TMPs, reviewing temporary traffic control and construction sequencing plans, developing lane closure recommendations, and preparing traffic analysis documentation to support safe and efficient project delivery.	

Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/23–11/23	DOTD, H.015504.5 CCC Decorative Lighting Level 4 TMP, New Orleans, LA. Project Manager. Managed development of a Level 4 Traffic Management Plan (TMP) for the Crescent City Connection. Oversaw lane closure queue analysis and construction zone safety analysis to identify potential hot spots. Findings were summarized in a report submitted to DOTD.
12/21–Ongoing	DOTD, H.012030.5 US 371 KCS RR Overpasses HBI, Webster Parish, LA. Project Manager. Managed preparation of permanent pavement marking and signing sheets for construction plans in MicroStation and performed QC review of sequence of construction and detour routes.
06/21–02/22	DOTD, H.013267 Capital Area Pathways Project, Baton Rouge, LA. Project Manager. Managed a traffic study evaluating trail crossings at three state routes requiring DOTD approval. Tasks included traffic data collection, safety analysis, and evaluation of alternatives using DOTD, MUTCD, and FHWA guidance.
07/19–Ongoing	City-Parish of East Baton Rouge, MOVEBR New Capacity Projects Program Management, Baton Rouge, LA. Transportation Engineer. Worked with the Capital Region Planning Commission to develop travel demand model measures of effectiveness to prioritize MOVEBR projects, including VMT, V/C ratios, and vehicle hours of delay. Also performed peer review of traffic studies.
02/21–03/21	DOTD, H.013256.5 I-10 ITS Scott to Lake Charles, Southwest Louisiana. Lead Traffic Engineer. Led preparation of a Level 2 TMP for ITS construction along I-10, including CATScan safety review, LOS analysis using Citrix data, queue-based lane closure recommendations, and public information strategies.
04/18–12/21	DOTD, H.010960.5 LA 30 Roundabouts at Tanger & I-10 Gonzales, Ascension Parish, LA. QC Reviewer. Performed QC review of temporary traffic control and sequence of construction plans and reviewed signing and striping plans for compliance with PM-09 and MUTCD roundabout guidance.
04/18– 2/21	DOTD, H.011909.5-4 Roundabout: US 171 at Boone Street, Vernon Parish, LA. QC Reviewer. Conducted QC review of construction sequencing, signing, and striping plans to confirm compliance with DOTD pavement marking standards and MUTCD roundabout requirements.
02/20–09/21	City-Parish of East Baton Rouge, College Dr Corridor Enhancement (Perkins – I-10), Baton Rouge, LA. Project Manager. Managed development of data collection documentation supporting the corridor study, including turning movement counts, speed studies, travel time runs, queue measurements, and multimodal observations required for DOTD coordination.

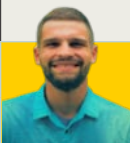
16. STAFF EXPERIENCE | LAURENCE LAMBERT, PE, PTOE, PTP CONTINUED

10/17–10/18	DOTD, H.013025 LA 182 (University Avenue) Corridor Planning Study, Lafayette, LA. Lead Transportation Engineer. Led traffic analysis for a corridor study focused on improving pedestrian, bicycle, and transit safety. Performed traffic counts, coordinated growth projections, conducted HCM intersection analysis, and completed safety evaluations to inform design recommendations.
09/16–04/17	DOTD, H.004957.5 I-12 to Bush – LA 3241 Corridor Study, St. Tammany Parish, LA. Lead Traffic Engineer. Conducted traffic study for the proposed LA 3241 alignment, including traffic counts, speed studies, development of design year volumes using the travel demand model, and VISSIM simulation of the preferred alternative.
07/14– 01/17	FHWA, Innovative Intersection & Interchange Design Workshops, Multiple States. Instructor / Presenter. Presented FHWA workshops to state DOTs on innovative intersection and interchange designs including roundabouts, DDIs, DLTs, J-turns, MUTs, and quadrant intersections. Topics included design, operations, safety performance, and multimodal considerations.
06/16– 09/17	DOTD, H.004490 Stage 0 Roundabout Studies, Lafayette Parish, LA. Traffic Engineer. Conducted Stage 0 feasibility studies evaluating roundabouts at ten intersections. Collected traffic counts, performed signal warrant analyses and SIDRA intersection analysis, and prepared a feasibility report.
03/10–11/11	DOTD / FHWA, I-49 Inner City Connector Stage 0 and 1 Study, Shreveport, LA. Project Manager / Traffic Analysis Lead. Managed traffic analysis for the Environmental Assessment phase, including over 30 TransCAD models and analysis of 20 interchanges and 70 intersections. Prepared IMR and IJR documentation.
11/09– 08/10	DOTD / FHWA, I-12 at Millerville Road Interchange Modification Request, Baton Rouge, LA. Traffic Engineer. Prepared traffic analyses and micro-simulation modeling supporting environmental clearance for proposed interchange improvements and participated in public meetings.
09/06– 09/07	City/Parish of East Baton Rouge, Downtown Baton Rouge Signal Project, Baton Rouge, LA. Project Manager. Managed design study and construction plans to upgrade 29 signals under the Green Light Plan, including ADA ramp recommendations, countdown pedestrian signals, and updated signage.
04/04–09/06	DOTD, Stage 0 I-10 at Pecue Lane Interchange Justification Study, Baton Rouge, LA. Lead Traffic Engineer. Led traffic study evaluating the proposed interchange, developing traffic forecasts, performing HCS analysis, and building VISSIM and TSIS simulation models.
04/04– 12/04	City-Parish of East Baton Rouge / DOTD, I-10 Frontage Roads and Picardy Interchange, Baton Rouge, LA. Traffic Engineer. Conducted HCS and VISSIM analysis for a complex interstate ramp reconfiguration including frontage roads and a new interchange. Supported feasibility analysis, design criteria development, agency coordination, and signal timing design.

16. STAFF EXPERIENCE

	Firm ELOS Environmental, LLC			
	Name: Brian Fortson		Years of relevant experience with this employer	19
	Title: Senior Project Manager / Biologist		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		JD / 2006 / Civil Law; BS / 1995 / Wetland Ecology		
Active Registration Number / State / Expiration Date		N/A		
Year Registered		N/A	Discipline	N/A
Contract Role(s) / Brief Description of Responsibilities		Environmental Permitting. <i>Brian will coordinate environmental permitting and prepare supporting documentation including CATEX materials, SOV packages, and regulatory permit applications.</i>		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
08/23–Ongoing	East Baton Rouge, IIJA Off-System Bridge Program, East Baton Rouge Parish, LA. Environmental Task Lead. ELOS provides environmental services including SOV documentation, CATEX preparation, wetland studies, permit applications, and environmental reports for replacement of 13 bridges across East Baton Rouge Parish. Brian coordinates review of wetland delineation reports and assists with preparation of Section 10/404 permit applications and coordination with USACE.			
09/20–Ongoing	DOTD, Rural Bridges Phases I & II, Statewide, LA. Environmental Task Lead. ELOS provides environmental consulting services for the Rural Bridge Replacement Initiative across multiple DOTD districts. Services include wetland delineations, permit applications, cultural resource surveys, and threatened and endangered species evaluations. Brian reviews environmental documentation including CATEX reports and coordinates multidisciplinary teams supporting environmental clearance.			
09/22–Ongoing	DOTD, IIJA Off-System Bridges District 62, Statewide, LA. Environmental Task Lead. ELOS completed wetland delineations, permit applications, SOV documentation supporting CATEX determinations, cultural resource research, tribal coordination packets, and navigability determination reports. Brian reviews environmental findings and supports regulatory coordination and permit preparation.			
02/23–Ongoing	DOTD, Roundabout at Minnesota Park and Range Road (H.014340), Tangipahoa Parish, LA. Environmental Task Lead. ELOS conducted wetland delineations and prepared reports supporting jurisdictional determinations and potential permit applications. Services include CATEX documentation, Phase I ESA, SOV preparation, and stormwater permitting including development of a SWPPP.			
02/23–Ongoing	Move Ascension Phases I–III; Ascension Parish, LA. Environmental Task Lead. ELOS provides environmental services supporting feasibility, engineering, and design of more than 60 roadway improvement projects. Services include wetland delineations, cultural resource evaluations, CATEX documentation, and permit applications. Brian leads coordination among environmental specialists, engineers, and regulatory agencies to support environmental clearance.			
11/17–Ongoing	Move Ascension Phases I–III, Ascension Parish, LA. Environmental Task Lead. ELOS provides environmental services supporting feasibility, engineering, and design of more than 60 roadway improvement projects. Services include wetland delineations, cultural resource evaluations, CATEX documentation, and permit applications. Brian leads coordination among environmental specialists, engineers, and regulatory agencies to support environmental clearance.			
01/21–Ongoing	LA 22 Gapping, Ascension Parish, LA. Environmental Project Manager. ELOS conducted wetland delineations, biological surveys, Phase I ESA, Section 106 review, and joint permit applications. Brian supports preparation of permit applications, coordination of wetland mitigation planning, and regulatory coordination with state agencies.			

16. STAFF EXPERIENCE

	Firm ELOS Environmental, LLC			
	Name: Mike Hill		Years of relevant experience with this employer	
	Title: Environmental Scientist		Years of relevant experience with other employer(s)	
Degree(s) / Years / Specialization		BS / 2019 / Environmental Science		
Active Registration Number / State / Expiration Date		N/A		
Year Registered		N/A	Discipline	N/A
Contract Role(s) / Brief Description of Responsibilities		Environmental Permitting. <i>Mike will support environmental permitting and documentation through wetland delineations, threatened and endangered species surveys, preparation of SOV and permit application materials, and coordination with DOTD, FHWA, and regulatory agencies.</i>		
Experience Dates (mm/yy - mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
04/22–08/24		DOTD, Rousseau Bridge Replacement, St. Tammany Parish, LA. Environmental Scientist. ELOS provided environmental services for the Rousseau Bridge Replacement Project on approximately 2.62 acres, including wetland delineation, Scenic Rivers permit application, emergency USACE authorization application, Statements of No Objection (SOVs), and preparation of a final report. Mike prepared the SOV packet and assisted with permit applications.		
04/22–02/25		DOTD, Tangi Off-System Bridge Prioritization, Tangipahoa Parish, LA. Environmental Scientist. ELOS provided environmental services for five IJA off-system bridges including preparation of an early Section 106 Tribal coordination packet, wetland delineations, SOVs, CATEX documentation, and permit applications and drawings for six bridge replacements in District 62. Mike coordinated with the USACE and prepared the SOV packet.		
06/24–Ongoing		DOTD, South Suburban Canal Bridge, Jefferson Parish, LA. Environmental Scientist. ELOS conducted a wetland delineation, jurisdictional determination, and threatened and endangered species survey supporting replacement of the existing three-span slab bridge over the South Suburban Canal on West Metairie Avenue in Metairie. Mike completed the delineation and coordinated with local and state agencies to ensure environmental compliance.		
04/22–Ongoing		DOTD, North Brickyard Road Bridge Replacement, Tangipahoa Parish, LA. Environmental Scientist. ELOS is providing environmental clearance services including preparation of a CATEX in accordance with FHWA guidance and a wetland delineation. Mike conducted field delineations, prepared SOV packets for permit applications, and coordinated with local and state agencies to ensure regulatory compliance.		
11/21–Ongoing		DOTD, Rural Bridges Phases I & II, Statewide, LA. Environmental Scientist. ELOS is providing environmental consulting services supporting rural bridge replacement projects across multiple DOTD districts. Phase I included bridge replacements under 16 state project numbers affecting 33 structures in Districts 03, 07, 61, and 62. Phase II is ongoing under nine project numbers affecting multiple structures in Districts 5, 8, and 58. Services include wetland delineations, permit applications, cultural resource surveys, and threatened and endangered species surveys. Mike coordinated field crews to collect field data and assisted with permit submittals.		
04/22–08/23		Lod Stafford Road Bridge Replacement, Livingston Parish, LA. Environmental Scientist. ELOS provided environmental services including assistance with FEMA's 8-Step Process, SOV preparation, wetland delineation, and submission of a USACE permit application for a 0.25-acre project area. Mike conducted wetland delineation and entered data into ArcGIS to complete the wetland report.		

16. STAFF EXPERIENCE

	Firm ELOS Environmental, LLC		Years of relevant experience with this employer		19
	Name: Lucas Watkins		Years of relevant experience with other employer(s)		4
	Title: Principal/Environmental Scientist				
Degree(s) / Years / Specialization		MS / 2005 / Biological Sciences ; BS / 2000 / Forest Management			
Active Registration Number / State / Expiration Date		National Highway Institute: NEPA & Transportation Decision-Making Process, USACE Wetland Delineation, 2007			
Year Registered		N/A	Discipline	N/A	
Contract Role(s) / Brief Description of Responsibilities		Environmental Task Lead. <i>Lucas will coordinate environmental planning activities including feasibility assessments, planning and environmental linkage (PEL) coordination, and NEPA documentation supporting project development.</i>			
Experience Dates (mm/yy - mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
09/20–Ongoing		DOTD, Rural Bridges Phases I & II, Statewide, LA. Principal / Environmental QA Oversight. ELOS provides environmental services for DOTD's Rural Bridge Replacement Initiative across six districts statewide. Work includes ground-level ROW investigations to identify wetlands and verify aerial mapping. Lucas provides QA/QC oversight and confirms compliance with federal and state environmental regulations while coordinating with DOTD staff, regulatory agencies, and stakeholders.			
09/20–Ongoing		DOTD, IIJA Off-System Bridges District 62, Statewide, LA. Principal / Environmental QA Oversight. ELOS performed wetland delineations, permit applications, Solicitations of Views (SOVs), CATEX documentation, cultural resources research, tribal coordination packets, and navigability determination reports for bridge replacements across multiple parishes. Lucas reviews environmental reports and permit documentation and supports regulatory coordination to maintain compliance with federal and state requirements.			
08/22–08/24		DOTD, Rousseau Bridge Replacement, St. Tammany Parish, LA. Principal / Environmental QA Oversight. ELOS performed wetland delineations, permit applications, SHPO Section 106 coordination, and SOV documentation for the bridge replacement project. Lucas provided oversight of environmental evaluations and reviewed documentation submitted to regulatory agencies.			
02/23–Ongoing		DOTD, Roundabout at Minnesota Park and Range Road (H.014340), Tangipahoa Parish, LA. Principal / Environmental QA Oversight. ELOS conducted wetland delineations and prepared reports to support jurisdictional determinations and potential permit applications. Additional services include CATEX support, Phase I ESA documentation, SOV preparation, and stormwater permitting including development of a Stormwater Pollution Prevention Plan (SWPPP). Lucas oversees environmental documentation and regulatory coordination.			
08/23–Ongoing		East Baton Rouge, IIJA Off-System Bridge Program, East Baton Rouge Parish, LA. Principal / Environmental QA Oversight. ELOS provides environmental services including wetland delineations, SOVs, CATEX documentation, and permit applications for replacement of 13 bridges. Work includes preparation of Section 10/404 permit packages, environmental reports, and coordination with the USACE. Lucas oversees permit preparation and regulatory coordination to support project approvals.			
10/25 - Ongoing		Office of Louisiana Highway Construction - Bridge Projects, Statewide, LA. ELOS is providing environmental and cultural resource services to support bridge replacement projects in Vermilion, Terrebonne, Tangipahoa, St. Tammany, Livingston, and St. Bernard Parishes. Services include USACE permit support, SOVs, wetland delineations, aerial base mapping verification, and cultural/historic resource evaluations for bridge sites along natural and man-made waterways in areas with high archaeological and historic resource potential. Mr. Watkins reviews final Section 106 desktop letters and Phase I reports to confirm scope compliance and provide QA/QC.			

16. STAFF EXPERIENCE

	Firm	ELOS Environmental, LLC		
	Name: Christopher Wilson	Years of relevant experience with this employer		2
	Title: Archaeologist	Years of relevant experience with other employer(s)		6
Degree(s) / Years / Specialization		MA / 2023 / Art History & Curatorial Studies; MA / 2022 / Archaeology; BA / 2021 / Art & Archaeology		
Active Registration Number / State / Expiration Date		Registered Professional Archaeologist		
Year Registered		N/A	Discipline	N/A
Contract Role(s) / Brief Description of Responsibilities		Environmental Permitting. Christopher will perform cultural resource reviews including Section 106 desktop analyses, background research, and coordination with SHPO and regulatory agencies to support environmental clearance and CATEX documentation.		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
08/23–11/24	DOTD, Rural Bridge Replacement Phases I & II, Statewide, LA. Archaeologist. Provided cultural resource management services supporting DOTD rural bridge replacement projects across multiple districts. Responsibilities included conducting background research, managing shovel test pit (STP) data, and preparing Phase I cultural resource reports. Coordinated with SHPO, NRHP, and DOTD staff to evaluate potential impacts to cultural resources and prepared LHRI forms and documentation supporting Section 106 compliance.			
12/23–09/24	DOTD, IJA Off-System Bridges District 62, Statewide, LA. Archaeologist. Performed cultural resource investigations supporting IJA off-system bridge replacement projects. Responsibilities included background research, preparation of Section 106 desktop review reports, tribal coordination documentation, and evaluation of historic resources. Utilized topographic maps, aerial imagery, and historical records to identify cultural resource constraints and coordinated with SHPO and DOTD to support CATEX environmental clearance.			
10/24–Ongoing	St. Tammany Parish, Brownswitch Road Bridge Replacement, St. Tammany Parish, LA. Archaeologist. Conducting Section 106 cultural resource evaluations to assess potential impacts associated with bridge replacement activities. Responsibilities include reviewing SHPO databases, conducting cemetery reviews, analyzing historical maps and aerial photography, and preparing technical reports documenting cultural resource findings and regulatory compliance.			
11/23 - Ongoing	DOTD, Tangipahoa Off-System Bridge Prioritization, Tangipahoa Parish, LA. Archaeologist. Conducted cultural resource research and documentation to support Section 106 compliance for construction of roundabouts along US 190. Reviewed SHPO files, archaeological survey records, historic structures, and cemetery locations within the project area and prepared documentation evaluating potential impacts to historic resources.			
07/24–08/24	DOTD, US 190 Roundabouts, St. Tammany Parish, LA. Archaeologist. Performed Section 106 desktop review for roadway improvements associated with the Move Ascension program. Conducted research using SHPO databases, historic aerial imagery, and archival records to identify potential historic structures and cultural resources within the project area. Prepared technical documentation supporting environmental review and project planning.			
06/24–10/24	Ascension Parish, Move Ascension Phase III, Ascension Parish, LA. Archaeologist. Conducted cultural resource review of previous archaeological investigations including historic structures, cemeteries, and archaeological survey documentation. Coordinated with project management staff and SHPO during preparation of cultural resource documentation.			

16. STAFF EXPERIENCE

		Firm Bridge Diagnostics, Inc.	
Name: Steven Fall Jr., PE Title: Senior Engineer		Years of relevant experience with this employer	6
		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		BS / 2019 / Civil Engineering	
Active Registration Number / State / Expiration Date		PE.0048637 / LA / 09/30/2026	
Year Registered		2024	Discipline Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Material Testing. Steven has spent more than 6 years in the private sectors in both non-destructive testing and evaluation and routine infrastructure inspection and monitoring and is the current office manager of the Louisiana office. Steven has been involved with non-destructive testing and evaluation of hundreds of structures including bridges, buildings, and hydro-structures such as lock gates and spill gates. His involvement in these projects included project management, planning, implementation, installation of instrumentation, testing, data processing, data review, and reporting. Previously, Steven worked with HNTB inc. working in the transportation and civil department performing inspections of substructures and bridges on various jobs. He is a member of ASCE and ACI in the Louisiana chapter. Steven is a certified Professional Engineer, SPRAT L1 ropes access technician, ASNT Level I GPR inspector, and Team Lead under FHWA guidelines for routine inspections. He is also a certified traffic control supervisor, traffic control technician, and flagger in the state of Louisiana. He also has worked with various NDE methods for fracture critical techniques including but not limited to Magnetic Particle Testing, Ultrasonic Testing (UT), and Dye Penetrant Testing. He graduated from the University of New Orleans with a bachelor's degree in civil engineering.	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
05/23 – Ongoing	Retainer Contract for Non-Destructive Evaluation of Statewide Structures (DOTD Contract 4400025002). Louisiana Department of Transportation awarded BDI with the retainer contract for Non-Destructive Evaluation of Statewide Structures. This IDIQ has 8 Task Orders awarded and will continue until 2025. These task orders include but are not limited steel inspection using Ultrasonic testing and Magnetic Particle Testing; deck evaluations via non-destructive testing methods including SounDAR, Ground Penetrating Radar, Infrared Thermography, and High Resolution Imaging; material sampling using coring; NHI routine and fracture critical inspections; and emergency response efforts. Steven serves as the project manager for this contract and is responsible for the testing plan development and application, team management, and QA/QC of various project tasks.		
11/23 – 12/23	Paris Road Emergency Bridge Inspection in Chalmette, LA. After noting a critical finding in a routine inspection on bridge recall 001621 by DOTD on Paris Rd., BDI was called to perform an emergency in-depth inspection on the underside of the structure along with an NDE of the deck. The inspection results lead to repairs on the bridge and the reopening of the structure. Steven was the inspection lead on this project for both the NBIS emergency inspection and the non-destructive testing and evaluation of the structure. He was also responsible for the project management and reporting on the structure.		
01/21 – 05/23	Task Orders for Retainer Contract for Non-Destructive Evaluation of Statewide Structures (DOTD Contract 4400017163). Louisiana Department of Transportation awarded BDI with the retainer contract for Non-Destructive Evaluation of Statewide Structures. This IDIQ had 13 Task Orders awarded and lasted until 2023. These task orders include but are not limited steel inspection using Ultrasonic testing and Magnetic Particle Testing; deck evaluations via non-destructive testing methods including SounDAR, Ground Penetrating Radar, Infrared Thermography, and High Resolution Imaging; material sampling using coring; NHI routine and fracture critical inspections; and emergency response efforts. Steven served as a staff engineer for this project and was responsible for the testing plan development and application, team management, and field application of the various project tasks.		

06/22 - 06/23	Port of New Orleans, Counterweight Balance Testing of the Seabrook Bascule Bridge, New Orleans, LA. This bridge is a Strauss double heal-trunnion bascule bridge that carries St. Claude Avenue over the Industrial Canal. It is subject to hurricane winds and salt water and therefore has extreme corrosion and operational issues. During an inspection, the counterweight-to-span link bushings were found to be broken and falling out of the bearing hub. BDI was subcontracted by HNTB to measure force and moment in the truss link member and evaluate the span balance and operational friction. Operational test results showed high levels of friction and asymmetry in both the friction and lifting torque. Tests were initially performed to identify operational issues and again after bushings were replaced and drive torque imbalance conditions were addressed. BDI's instrumentation and data analysis was essential to identifying and solving the operational problems. The relevance of this project is identification and quantification of operational performance of bascule bridges.
07/19 – 01/20	DOTD, Counterweight Balance and Friction Assessment of the St. Claude Bridge, New Orleans, LA. BDI performed a counterweight Balance and friction assessment of the St. Claude Bridge to assist DOTD to bring their bridge into lifting specifications and to determine the friction in each member during lifts. Steven installed all gages on the shafts and some gages on the steel members of the bridge, performed all testing, and helped report on these findings to help DOTD balance the counterweight in the bridge and analyze the friction in each member. Steven was a team member responsible for field instrumentation and operational testing.
04/21 – 05/21	LA 324 over Bayou Teche. As part of Gresham Smith's advanced inspection team, BDI was contracted to perform short-term testing on the pivot pier of this swing bridge. During initial inspection, the pivot pier was observed to significantly rotate/translate during the opening operation. BDI's testing was performed as part of an emergency response to the inspection findings and consisted of taking laser displacement measurements of the pier during operational swings. Through this testing, BDI verified that up to 6" of movement was occurring at the end of the opening operation and provided short- and long-term recommendations. Steven was a team member responsible for team coordination, field instrumentation and testing, data processing and review, and reporting.

Moveable Bridges Contract

**Relevance to DOTD Bridge
Maintenance Preservation and
Repair IDIQ:** Bridge Condition
Assessment/Load Rating,
Preventative Maintenance and
Repair, Bridge Rehabilitation
Recommendations, Bridge
Inspection

Section 17

Prime consultant name: **AECOM Technical Services**



17. FIRM EXPERIENCE

Firm	AECOM		Discipline(s)*	Road, Bridge, Traffic, Environmental
Project name	DOTD Bridge Preventative Maintenance IDIQ		Firm responsibility (prime or sub?)	Prime
Project number	H.001970, H.011993, H.015603, H.013832, H.015519		Owner's name	DOTD
Project location	Statewide		Owner's Project Manager	Brian Allen, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802; 225.379.1840; brian.allen@la.gov			
Services commenced by this firm (mm/yy)	4/23	Total consultant contract cost (\$1,000's)		2,625
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		2,595



FIRM MEMBERS INVOLVED:

- Gary Maji, Daniel Boyd, Jonathan McDowell, Gregory Trahan, Jonathan Giardina

RELEVANCY:

- Bridge Design / Rehabilitation / Inspection
- Preventative Maintenance and Repair
- Condition Assessment/Load Rating
- Roadway/Traffic/MOT Design
- NDT/Evaluation

The AECOM Team currently holds a DOTD Bridge Preventative Maintenance IDIQ contract to provide as-needed support to DOTD Bridge Division for the development of transportation bridge replacement, bridge evaluation, bridge maintenance & repair, and emergency design services. This work also included roadway, traffic and environmental design services as necessary to support the bridge design. The following projects highlight our team's diverse and relevant bridge design and rehabilitation design experience:

- **DOTD (H.001970), LA 561 Bridge Replacement over Boeuf River, Hebert, LA:** AECOM performed preliminary and final roadway and bridge design for the replacement of an existing 3-span truss bridge over the Boeuf River in Richland and Caldwell Parishes. AECOM worked integrally with DOTD project manager, geotechnical, environmental, and district staff to confirm approach roadway, drainage, ROW, utility, and bridge requirements to replace this structurally deficient bridge.
- **DOTD (H.011993), LA 10 Bridge over Bayou Carron, St. Landry Parish, LA:** AECOM performed final bridge design services for the replacement of an existing truss bridge over Bayou Carron. AECOM worked integrally with the DOTD/PM, Dana Feng, geotechnical, roadway, and district staff to develop final design calculations, bridge quantity cost estimates, and construction documents for this 3-span replacement bridge using LG36 precast, pretensioned concrete girders.
- **DOTD (H.015603), LA 641 Bridge over I-10, Gramercy, LA:** AECOM is providing site assessment, superstructure inspection, bridge load rating, and girder repair plan design for this 1,584-foot, multi-span pretensioned concrete girder bridge. The work was initiated after an over-height equipment trailer impacted a portion of the bridge over the westbound I-10 travel lanes. Girder design incorporated CFRP design elements to strengthen the girder.
- **DOTD (H.013832), LA 6 Red River Bridge, Grand Ecore, LA:** AECOM is providing Stage 0/1 design services to develop and evaluate potential deck rehabilitation alternatives to arrest bridge deterioration and extend the bridge service life for this 1879-ft, multi-span, steel plate girder structure that includes a 975-ft long, two-girder three-span main unit.
- **DOTD (H.016313-H.016317, H.016322-H.016326), Districts 08, 61, and 62, LA:** AECOM provided multi-disciplinary design services for the replacement of 11 bridges in central and southeastern LA within Districts 08, 61, and 62. All of these on-system bridges were structurally deficient, functionally obsolete, and were in need of replacement. The 11 bridge replacements were bundled into four construction packages and delivered using a staggered preliminary and final design scheduling approach to facilitate the DOTD plan review and approval process.
- **DOTD (H.016490), LA 3032 Bridge Resurfacing, Shreveport, LA:** AECOM will be performing a condition site assessment and prepare preliminary and final design plans for this bridge preventative maintenance project. AECOM will prepare a TMP, detailed MOT plans, bridge deck resurfacing, and expansion joint replacement plans.



17. FIRM EXPERIENCE

Firm	AECOM	Discipline(s)*	Bridge
Project name	IDIQ Contract for In-Depth Bridge Inspection Statewide	Firm responsibility (prime or sub?)	Prime
Project number	Multiple	Owner's name	DOTD
Project location	Statewide	Owner's Project Manager	Haylye Brown
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802; 225-379-1500; haylye.brown@la.gov		
Services commenced by this firm (mm/yy)	05/25	Total consultant contract cost (\$1,000's)	3,626
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	2,800



FIRM MEMBERS INVOLVED:

- Brett Canimore, Daniel Boyd, Josh Guitreau, Camden Pfeiffer

RELEVANCY:

- **Bridge Inspection and Condition Assessment**
- **National Bridge Inspection Standards**
- **100% hands-on inspection of all NSTMs**
- **Emergency inspection services**
- **Emergency bridge design services**
- **Recommendations for Emergency Repairs**
- **Accelerated Bridge Design**
- **Construction Support and Inspection**
- **Managing Concurrent Task Orders**
- **Regular client communication and excellent client feedback for exemplary performance**

AECOM is currently performing in-depth NBIS bridge inspection services on several complex bridges (TO#1 – 4 bridges; TO#2 – 6 bridges; TO#3 – 21 bridges) throughout the state for the DOTD as part of the overall NBIS program. The inspections include a hands-on inspection of all NSTM bridge elements and element level inspection of the bridge deck, superstructure and substructure components. In addition to the structural inspections, a paint condition assessment has been completed on most of the structures and few of the bridges required underwater dive inspections. Ultrasonic Testing (UT) of pin/hanger assemblies is performed as required. For the movable bridges that were assigned, AECOM completed a full hands-on inspection which included an in-depth mechanical and electrical inspection in accordance with the AASHTO requirements. All inspection activities required coordination with the DOTD for lane closures weeks ahead of the fieldwork to ensure the inspections were completed safely, efficiently, on-time and within budget.

In addition, DOTD called upon AECOM for the emergency inspection of the Bayou Dularge Bascule Bridge (H.009730.5). On July 28, 2025, AECOM was contacted by DOTD to share observations regarding the steel tower supporting the bascule leaves rocking in the direction of the bridge baseline during operation in addition to a failed anchor bolt supporting the northwest tower. Following the discussion, AECOM reviewed the plans and identified the failed anchor bolt as element normally in tension and subsequently recommended ceasing operation of the bridge until the issue could be further investigated. AECOM mobilized staff to perform a hands-on inspection of the bridge on August 12th which identified that in addition to the noted failed anchor bolt on the northwest tower, two of the remaining 3 anchors did not provide a positive response to hammer sounding. With the issue attributed to the anchor bolts, AECOM quickly provided recommendations for closure of the bridge until repairs could be completed and identified when the bridge would need to be closed for wind events (USCG required the structure to be left in the open position).

Concurrently with the analysis to support the recommendations, AECOM developed a repair concept which allowed the DOTD to select a contractor and have them mobilized to begin work on August 25th, less than 2 weeks after the inspection was completed. Detailed design was advanced alongside construction to prevent delays. Construction Plans were issued sequentially along with material lists to allow the Contractor to begin procurement while plans were finalized. The first plans issued detailed the core drilling plan and requirements for the concept which involved installing Post Tensioned (PT) high strength bars into the existing footing around the footprint of the existing tower and anchorage, eliminating the need for temporary support during construction which significantly shortened the construction duration. Next, plans were provided which included details for the installation of the PT bars which were followed by the final set of plans detailing the steel assembly to connect the PT bars to the existing towers and tension the bars. AECOM also provided construction services including review of submissions and construction inspection. By working closely with the client and Contractor, the bridge was able to be returned to service on October, 1 2025, less than 6 weeks after construction began.

17. FIRM EXPERIENCE

Firm	AECOM		Discipline(s)*	Bridge
Project name	Moveable Bridge Inspection and Rehab Design		Firm responsibility (prime or sub?)	Prime
Project number	H.011973.5, H.012737.5, H.012044.5, H.011969.5, H.011988.5		Owner's name	DOTD
Project location	Multiple Locations, LA		Owner's Project Manager	Fallon Farber
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802; 225-379-1986; fallon.farber@la.gov			
Services commenced by this firm (mm/yy)	03/25	Total consultant contract cost (\$1,000's)		2,847
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		2,349



FIRM MEMBERS INVOLVED:

- Daniel Boyd, Landon Whitton, Sarah Elsayah, Jason Zimpfer, Josh Guitreau, Myles Martin, Camden Pfeiffer

RELEVANCY:

- **Bridge Inspection and Condition Assessment**
- **Recommendations for Rehabilitation/ Replacement**
- **Movable Bridge Design**

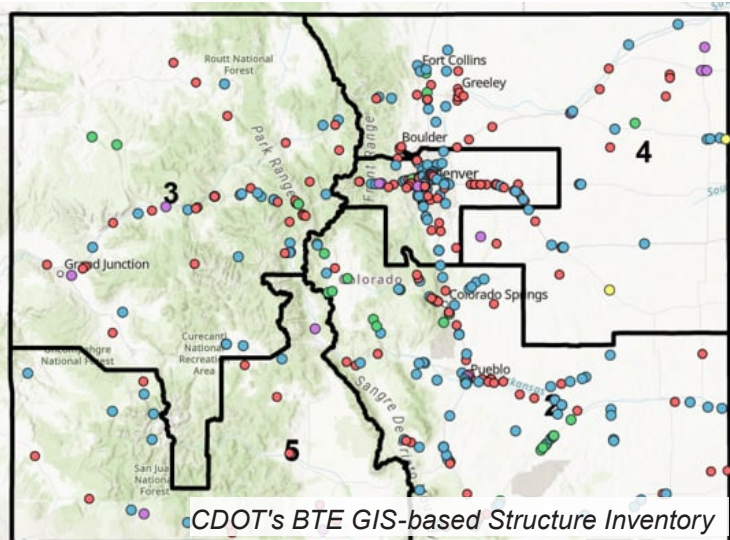
AECOM was selected by the Louisiana Department of Transportation and Development (LA DOTD) for engineering services on 5 movable structures. These bridges include 3 bascule structures (2 simple trunnion and one rolling lift), one swing span and one pontoon bridge. The primary scope of services for this contract includes the inspection of the existing structures and preparation of recommendations for rehabilitation efforts or full replacement of the structure. AECOM performed hands on inspection of all five structures including structural, mechanical and electrical inspection of the movable span as well as structural inspection of the fixed spans and architectural and MEP inspection of the operator's houses. Following the inspections, recommendations were prepared to allow the DOTD to make informed decisions about what repairs (or replacement) are needed for each structure.

In addition to the inspection and recommendations, AECOM was tasked with load rating of the structures to determine the need for load posting of the structure and inform the need for structural repairs to provide a 30-year service life following rehabilitation.

Following the recommendations and with concurrence of the DOTD, each structure will advance into final design for the rehabilitation (or replacement) of the structure which will advance from preliminary design to project letting.

17. FIRM EXPERIENCE

Firm	AECOM	Discipline(s)*	Bridge
Project name	Statewide Bridge and Tunnel Enterprise (BTE) Asset Management & Program Support Services	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	CDOT BTE
Project location	Statewide	Owner's Project Manager	Patrick Holinda
Owner's address, phone, email	2829 W Howard Pl, Denver, CO 80204; 303-757-9429; Patrick.Holinda@dot.state.co.us		
Services commenced by this firm (mm/yy)	05/10	Total consultant contract cost (\$1,000's)	15,200
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	13,900



FIRM MEMBERS INVOLVED:

- James Proctor; Bridget Malinowski, Matt Pregmon, Adam Moline

RELEVANCY:

- Bridge prioritization and bundling
- Design cost estimation and scheduling
- Construction Estimating and scheduling
- Program budget planning and tracking
- Program budget reporting
- Preliminary and final design of preventative maintenance projects
- Construction support

AECOM is responsible for managing all facets of Colorado's largest bridge asset management program and has developed a suite of tools to optimize program delivery, including a BTE-eligible bridge database, statewide bridge prioritization model, a risk-based programmatic baseline cost estimate, a master program schedule, a program cash flow, various financial models, and other tools. Staff also perform a semi-annual in-depth analysis on the BTE-eligible pool of major structures and coordinate with a multitude of stakeholders to identify, select, and program high priority treatments while exploring opportunities to bundle or combine treatments into larger projects to achieve schedule acceleration, cost reduction through economies of scale, and other benefits.

AECOM assisted CDOT with determining optimal treatments and forecasting treatment timing and cost by conducting pre-scoping studies, feasibility studies, life-cycle cost analyses, and bridge testing and monitoring. Selected treatments are integrated into the BTE Four and Ten-Year Program Plans. Overall program performance is closely tracked using various internal, state, and federal KPIs and metrics.

AECOM continuously supported the BTE with carrying out its statutory responsibilities with respect to financing, repair, reconstruction, replacement, and maintenance of designated bridges for Colorado's largest bridge replacement program. Major deliverables consist of development of short/long term plans (4-year and 10-year, respectively), refinements to the prioritization models, project management coordination, database controls, project schedule reporting (including SPI and XPI), managing all aspects of BTE meetings (scheduling, material prep, minutes, etc.), and the development of the overall Program Management Plan.

Project prioritization work consisted of leading semi-annual in-depth analysis on the BTEs eligible pool of major structures and coordination with multiple stakeholders to identify, select, and program priorities while exploring opportunities to bundle or combine into larger projects to achieve benefits such as schedule acceleration and cost reduction through economies of scale.

When a semi-truck impacted and caused a closure of the CO59 Bridge over I-70, AECOM utilized the CDOT BTE contract to complete the design and reconstruction of this emergency bridge replacement within 75-days.

17. FIRM EXPERIENCE

Firm	AECOM	Discipline(s)*	Bridge
Project name	Illinois Tollway Asset Management	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Illinois State Toll Highway Authority
Project location	Northeast Illinois	Owner's Project Manager	Jeff Allen
Owner's address, phone, email	2700 Ogden Ave, Downers Grove, IL 60515; 630-241-6800; JAllen@getipass.com		
Services commenced by this firm (mm/yy)	01/04	Total consultant contract cost (\$1,000's)	129,900
Services completed by this firm (mm/yy)	10/17	Cost of consultant services provided by this firm (\$1,000's)	77,940



FIRM MEMBERS INVOLVED:

- Bridget Malinowski; Matt Pregmon; Adam Moline

RELEVANCY:

- **Structure asset management plan development**
- **Inspection-to-programming workflows**
- **Bridge preservation and rehabilitation prioritization**
- **Deterioration modeling and lifecycle cost planning**
- **Budget-informed investment recommendations**
- **State of good repair planning for large bridge inventories**
- **Data-driven, defensible decision-making tied to bridge condition and risk**

AECOM served as the Illinois Tollway's General Engineering Consultant from 1954 to 2017, functioning as an extension of the Tollway's staff across planning, design review, construction supervision, inspections, and program development for a 292-mile system with more than 700 bridges. In this role, AECOM performed annual system inspections and in-depth bridge inspections, developed inspection manuals, and provided preservation and rehabilitation recommendations to support a state of good repair.

As part of our bridge asset management responsibilities, AECOM developed the Tollway's comprehensive Transportation Asset Management System, establishing a 50-year plan for bridge and roadway assets. Beginning in 2004, we automated asset management workflows, introduced advanced analytics and deterioration modeling, and integrated OpenGov AMS to centralize asset data and streamline inspection-to-programming decisions. Our team also reviewed annual budgets and recommended investment strategies that aligned bridge needs with available funding.

AECOM's annual inspection program included in-depth inspections of bridges rated fair or less to target priority needs. **We bundled preservation and rehabilitation projects by corridor or as systemwide contracts to improve constructability, reduce user impacts, and optimize program delivery.** As GEC, AECOM also certified to bondholders that the Tollway's infrastructure, including bridge structures, was maintained in good condition, underscoring the rigor and accountability of our bridge asset management practices.

Our efforts have provided the following impacts:

- Data-driven prioritization of bridge investments enabled targeted preservation and timely rehabilitation to extend service life and manage lifecycle costs.
- Bundled delivery and corridor packaging improved constructability, reduced user impacts, and optimized program execution.
- The long-range TAMS framework provided a transparent, defensible basis for programming and budget decisions tied to bridge condition and risk

AECOM also developed contingency plans for all structures to aid in response and repair in the case of a catastrophic event such as an earthquake.

17. FIRM EXPERIENCE

Firm	Huval & Associates, Inc.		Discipline(s)*	Bridge
Project name	IDIQ Retainer Contract for Bridge Preservation Statewide		Firm responsibility (prime or sub?)	Prime
Project number	4400017262		Owner's name	DOTD
Project location	Louisiana Statewide		Owner's Project Manager	Andrew Windmann, PE
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70804-9245, (225)379-1074, Andrew.windmann@la.gov			
Services commenced by this firm (mm/yy)	05/20	Total consultant contract cost (\$1,000's)		5,000
Services completed by this firm (mm/yy)	05/25	Cost of consultant services provided by this firm (\$1,000's)		2,194



FIRM MEMBERS INVOLVED:

- Colby Guidry; Justin Peltier; Lee Hupperich; Reid Romero

As the Prime, HUVAL is responsible for Preliminary and Final Plans, Surveying Services, Bridge/Structural Inspection and Evaluation, Design Peer Review, Load Rating of Bridges, and Construction Services. Projects performed using LRFD and LRFR design. Completed and On-going Task Orders include:

- **LA 454 over Wiggins Bayou Bridge and Roadway Replacement, T.O. H.012545.5:** Preparing 90% and 100% preliminary plans and 60%, 90%, and 100% Final Bridge Design and Roadway Design Plans with estimated construction cost. Environmental and feasibility studies to realign the channel to mitigate future embankment erosion. The new structure will consist of LG 36 girder spans supported by concrete pile bents. Sub-consultants will perform geotechnical and hydrology surveys.
- **I-20 Bridge Evaluations and Median Barriers Design – US 165 East of Garret Road, T.O. H.014646.5:** Performing load ratings using the LRFR method, adhering to the latest DOTD BDEM. Repair and rehabilitation plans will be provided from the analysis while taking into account the future widening of I-20 and the effects of raising the existing structure to provide adequate vertical clearance for I-20. This will be determined in the bridge study which will look at the effects to the existing bridges, box culverts, roadway geometry, and proposed vertical clearance (16'6"). Submittals consist of Final Roadway, Bridge and Median Barrier Plans.
- **I-10 over I-49 Emergency Repairs, T.O. H.015412.5:** Huval provided emergency design engineering for an emergency repair of the I-10 overpass over I-49. Performed detailed inspection of the damaged structure and designed a replacement section of three concrete girders and deck.
- **US 90-W: US 90 over Bayou Ramos Repairs, T.O. H.015114.5:** Huval is tasked with providing design engineering services for permanent bridge repairs for the LA 182 Bridge over Bayou Ramos. This included preparing a summary of the damage assessment, developing repair concepts, and creating detailed bridge repair plans. Huval also identified necessary traffic control measures, providing specifications, quantities, and an opinion of probable construction costs, as well as preparing an as-designed load rating report. The project required the submission of 60%, 95%, and 100% Final Repair Plans, with the 95% and 100% submittals including cost estimates and detailed specifications.

17. FIRM EXPERIENCE

Firm	Huval & Associates, Inc.		Discipline(s)*	Bridge
Project name	IDIQ Retainer Contract for Bridge Preservation Statewide		Firm responsibility (prime or sub?)	Prime
Project number	4400023923		Owner's name	DOTD
Project location	Louisiana Statewide		Owner's Project Manager	Jenny Fu, PE
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70804-9245, (225)379-1074, Jenny.Fu@la.gov			
Services commenced by this firm (mm/yy)	09/22	Total consultant contract cost (\$1,000's)		7,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		2,651



FIRM MEMBERS INVOLVED:

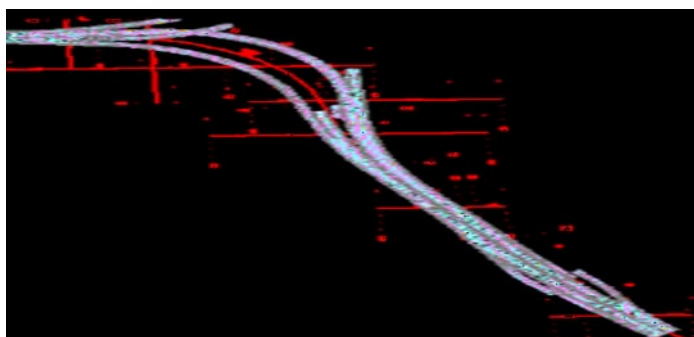
- David S. Huval; Colby Guidry; Lee Hupperich; Justin Peltier; Reid Romero

As the Prime, HUVAL is responsible for Preliminary and Final Plans, Surveying Services, Bridge/ Structural Inspection and Evaluation, Design Peer Review, Load Rating of Bridges, and Construction Services. Projects performed using LRFD and LRFR design. Completed and On-going Task Orders include:

- **LA 6 Youngs Bayou Bridges T.O. H.013821:** Huval as the prime, is responsible for preparing final plans and cost estimates to address abutment and embankment failures at the Youngs Bayou Bridges in Natchitoches Parish. The project scope includes designing a soil nail stabilization system to reinforce slopes, implementing drainage modifications to address conflicts, and remediating degraded approach slabs. Huval is developing detailed plans, conducting design analyses, and coordinating geotechnical and structural engineering efforts to ensure safe and effective mitigation measures.
- **LA 58 Petit Caillou Bridge Rehab:** Huval will provide full engineering and design services for the rehabilitation of the movable vertical lift bridge, including structural, mechanical, electrical, and traffic engineering; preparation of plans, specifications, and cost estimates; and coordination of all required permits and agency reviews. In addition, Huval will support the project through the bidding phase by responding to contractor questions, reviewing bids, and preparing final operation and maintenance documentation to help ensure the rehabilitated bridge can be safely operated and maintained for many years to come.
- **Wiggins Bayou Construction Services T.O. H.012545.6:** Huval will provide construction services for the replacement of the Wiggins Bayou Bridge on LA 454 in Avoyelles Parish. Responsibilities include reviewing and transmitting shop drawings and material submittals, evaluating girder erection plans and formwork, responding to contractor RFIs, and attending the Pre-construction Conference. Huval will also perform field visits as required by DOTD and provide design services for necessary change orders.
- **LA 94 Construction Services T.O. H.014560.6:** Huval will oversee construction services for the Vermilion River Bridge replacement on LA 94, spanning Lafayette and St. Martin Parishes. Key tasks include reviewing plans for the diversion bridge, formwork, and bearing pads, as well as addressing contractor RFIs. Additionally, Huval will perform field visits as required by DOTD and provide design support for any necessary change orders. All deliverables will comply with DOTD's timelines and standards to ensure successful project execution.

17. FIRM EXPERIENCE

Firm	Huval & Associates, Inc.		Discipline(s)*	Bridge
Project name	I-10 Widening Baton Rouge, CMAR Design Services		Firm responsibility (prime or sub?)	Prime
Project number	H.004100		Owner's name	DOTD
Project location	Baton Rouge, Louisiana		Owner's Project Manager	Nicholas Oliver, PE
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70804-9245, (225) 379-1133, nick.olivier@la.gov			
Services commenced by this firm (mm/yy)	09/20	Total consultant contract cost (\$1,000's)		20,796
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		6,390



FIRM MEMBERS INVOLVED:

- Bob Schmidt; Nick Helminger; Colby Guidry; Reid Romero; Mathew Hebert; Justin Peltier

HUVAL is the Prime Consultant and Lead Designer for the design phase of the I-10 Widening and Reconstruction project through the heart of Baton Rouge. The project will provide detailed design and plan preparation for the urban freeway and arterial and neighborhood feeder streets. The first part of this project, RCP Plans, Huval prepared the geometric layout and R/W taking lines for the entire corridor.

The RCP plans included external agency stakeholder meetings such as with EBR, geometric layout of the mainline I-10 and ramp interchanges, roundabouts, intersections and other project features such as multi-use path throughout the corridor. Also included is preliminary bridge design of I-10 mainline and cross-street bridges. The project includes plan/profile sheets for roadways and General Plan and Elevation (GPE) sheets for the bridges used in preparation of R/W maps and R/W acquisition by others.

HUVAL was also responsible to assist the DOTD with project segmentation (to determine useable construction segments and MOT) and development of formal documents for Project Management Plan, Project Implementation Plan, Project Financial Plan, and Project Risk Matrix. These documents will provide the blueprint to help guide the project to completion over multi-year implementation period. Public information and outreach will be conducted continuously throughout the design phase.

HUVAL, with the cooperation of Subconsultants, DOTD and CMAR Contractor, is designing both the roadway and bridge for the stages of construction and final layout of the first phase of the project extending from the I-10 EB Mainline Ramp past the City Park Lake Bridge. HUVAL's direct roadway design responsibilities for mainline I-10 include typical sections, geometric layout, drainage design, cross-sections, sequence of construction, and temporary traffic layout and signing. The project is anticipated to contain 5 major stages that will be constructed over a 4 -5-year period. As the Prime Consultant, HUVAL is coordinating all aspects of this complex project with our Subconsultants and Stakeholders.

17. FIRM EXPERIENCE

Firm	Ardaman & Associates, Inc.		Discipline(s)*	Geotech
Project name	I-20 Mississippi River Bridge Review		Firm responsibility (prime or sub?)	Prime
Project number	SP NOs. H.004646 09-L1049, H.010603.6 13-3720, H.010612.6 20-3729, H.004647.6 22-3746, 22-3753, 24-3707		Owner's name	DOTD
Project location	Madison Parish, LA		Owner's Project Manager	Chris Nickel
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA; 225.379.1100; Chris.Nickel@la.gov			
Services commenced by this firm (mm/yy)	10/09	Total consultant contract cost (\$1,000's)		10,881
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		10,881



FIRM MEMBERS INVOLVED:

- Megan Bourgeois, Robert Jewell, Jarmon King

Ardaman conducted a geotechnical study to develop a list of technically feasible remedial alternatives to decrease the potential for ground movements to occur at the site of the I-20 Bridge. Movement of the east abutment of the bridge was first realized in 2001 during an inspection. Over the years Mississippi DOT has retained several consultants who have studied the problem, but no viable solution was identified.

Ardaman conducted a comprehensive review of past slope stability evaluations and recommendations. This task was followed by developing a refined geotechnical site characterization plan for the bank/bluff area for further analyses. Drilling operations included obtaining extremely sensitive samples containing prehistoric shear planes from the river via barge and on land, all with extremely difficult access conditions.

The drilling program also included installation of geotechnical instrumentation such as Shape Accelerator Arrays, inclinometers, and vibrating wire piezometers. Engineering analyses performed included seepage and drawdown analyses and both equilibrium and finite element numerical modeling slope stability analyses. As part of the project, Ardaman developed a full slope stabilization design and construction remediation strategy and a monitoring program for the bluff instability and ground movements affecting the existing I-20 Mississippi River Bridge.

Ardaman is currently managing a phase of the project which involves upgrading the entire instrumentation communication system. It includes gathering and continuously monitoring various types of instrumentation data, inspects of the site and monitoring changes in topography by obtaining periodic survey data.

17. FIRM EXPERIENCE

Firm	Ardaman & Associates, Inc.		Discipline(s)*	Geotech
Project name	I-10: LA 415 to Essen Lane on I-10 & I-12 (CMAR)		Firm responsibility (prime or sub?)	Sub
Project number	SP NO. H.004100.5		Owner's name	DOTD
Project location	East Baton Rouge Parish, LA		Owner's Project Manager	Nicholas Olivier
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA; 225.379.1133; nicholas.olivier@la.gov			
Services commenced by this firm (mm/yy)	07/21	Total consultant contract cost (\$1,000's)		20,800
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		692



FIRM MEMBERS INVOLVED:

- Megan Bourgeois, Robert Jewell, Jarmon King

analyses consist of detailed selection of design reaches and design soil parameters, slope stability and settlement of earth retained structures, soil-structure interaction with existing structures, deep foundation design, and load testing recommendations. A preliminary geotechnical assessment report was prepared, and a final geotechnical design report will be submitted.

The Construction Management at Risk (CMAR) project scope consists of widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 mile. Ardaman is the Geotechnical Consultant on the CMAR team and is currently providing geotechnical support for Segment 1 which starts near the I-10 and I-110 split between Napoleon and St Joseph Streets to Acadian Thruway entrance and exit ramps.

Ardaman previously completed 58 soil borings and associated laboratory testing based on DOTD standards, and 11 electronic cone penetration tests (ECPT) in the preliminary portion of the widening project between Napoleon Street and Louise Street under our current retainer contract in support of the project. In addition, Ardaman performed geophysical surveys along the entire alignment, which allowed for survey of the subsurface conditions between the boring locations. Ardaman is currently performing 37 additional soil borings along the Segment 1 area to supplement existing data along the alignment.

Engineering services include supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile and analyze all the supplied soil boring data provide by DOTD and the additional borings that are currently being performed. The engineering

17. FIRM EXPERIENCE

Firm	T. Baker Smith, LLC	Discipline(s)*	Survey
Project name	Peters Road Bridge & Extension (Ph 3)	Firm responsibility (prime or sub?)	Sub
Project number	H.008069.5	Owner's name	DOTD
Project location	Jefferson & Plaquemines Parishes, LA	Owner's Project Manager	Kurt Brauner
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1933, Kurt.Brauner@la.gov		
Services commenced by this firm (mm/yy)	08/25	Total consultant contract cost (\$1,000's)	3,439.9
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	1,001.6



FIRM MEMBERS INVOLVED:

- Jean Reulet, III, PLS

RELEVANCY:

- Topographic Survey
- Utility Investigation
- Existing Drainage Map

The Peters Road Bridge project will extend Peters Road (LA 3017) from Jefferson Parish over the Intracoastal Canal and onto LA 23 in Plaquemines Parish. Phase 1 Construction and final design for Phases 2A and 2B have been completed. TBS is providing surveying and NEPA environmental services for Phase 3. TBS is under contract to provide comprehensive topographic, hydrographic, property, and ROW surveying for the Peters Road Bridge & Extension project, managing a 15,000 foot corridor that traverses developed areas, urban industrial zones, and environmentally sensitive waterways—conditions comparable to those found in dense urban bridge replacement projects.

TBS is performing a full detail topographic survey that captures roadway geometry, drainage systems, utilities, and all structural features required for bridge design, including low chords, piles, bents, and headwalls. Utilizing an in house marine survey group, TBS is collecting bathymetric data across multiple navigable waterways, demonstrating our ability to support bridge foundations, scour analysis, and hydraulic modeling in complex settings. TBS survey crews team established a deep rod primary control network capable of supporting long span bridge design and multi phase construction sequencing. TBS is coordinating extensively with utility owners through Louisiana 811, integrating field markings and as built data into the survey to reduce conflicts during design and construction—an essential capability for urban corridors with dense underground infrastructure.

TBS will conduct property surveys and prepare Base and Final R/W Maps in accordance with DOTD standards, including parcel research, monumentation, and preparation of acquisition ready mapping. This experience translates directly to urban bridge projects where ROW constraints, business impacts, and multi parcel coordination are critical.

TBS will complete a Supplemental Environmental Assessment (SEA) for the Peters Road Bridge & Extension project. The SEA includes an evaluation of the preferred alternative selected during an EA completed in 2004 for the proposed project. As part of the SEA, TBS will perform a Navigational Study and Phase I Environmental Site Assessment and provide coordination and QA/QC of deliverables for additional studies

(Wetland Delineation, Air & Noise, Conceptual Stage Relocation Plan, Cultural Resources Survey) required to complete the NEPA process. During the alternative analysis, detailed preliminary design of the project's bridges and roadway elements will be prepared by BKI as part of the Line and Grade Analysis and Report and incorporated into the SEA Document. In addition, TBS will complete the Solicitation of Views process, author the SEA document, and coordinate the Public Meeting and Public Hearing.

All deliverables shall comply with DOTD's electronic standards, including MicroStation DGN production, CAD standardization, and structured digital submittals. Our workflow supports large, multidisciplinary design teams and ensures seamless integration into complex bridge design environments.

17. FIRM EXPERIENCE

Firm	T. Baker Smith, LLC	Discipline(s)*	Survey
Project name	IDIQ Contract for Professional Surveying Services	Firm responsibility (prime or sub?)	Prime
Project number	4400021973	Owner's name	DOTD
Project location	Statewide, LA	Owner's Project Manager	Jonathan Herrod, PLS
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1105, Jonathan.Herrod@la.gov		
Services commenced by this firm (mm/yy)	11/21	Total consultant contract cost (\$1,000's)	2,240
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	2,240



FIRM MEMBERS INVOLVED:

- Jean Reulet, III, PLS; Laramie Leet; Branden Kinnaird

RELEVANCY:

- DOTD IDIQ Contract
- Topographic Survey
- Existing Drainage Map
- Utility Investigation & Research

TBS was awarded a statewide surveying retainer contract in 2021. Under this \$5 million retainer contract, TBS performs Topographic Surveying for DOTD projects statewide. Multiple task orders for survey work were issued and TBS completed all deliverables using MicroStation and Inroads as certified by CADconform. Below is a partial list of completed Task Orders, including several which were completed under expedited timelines.

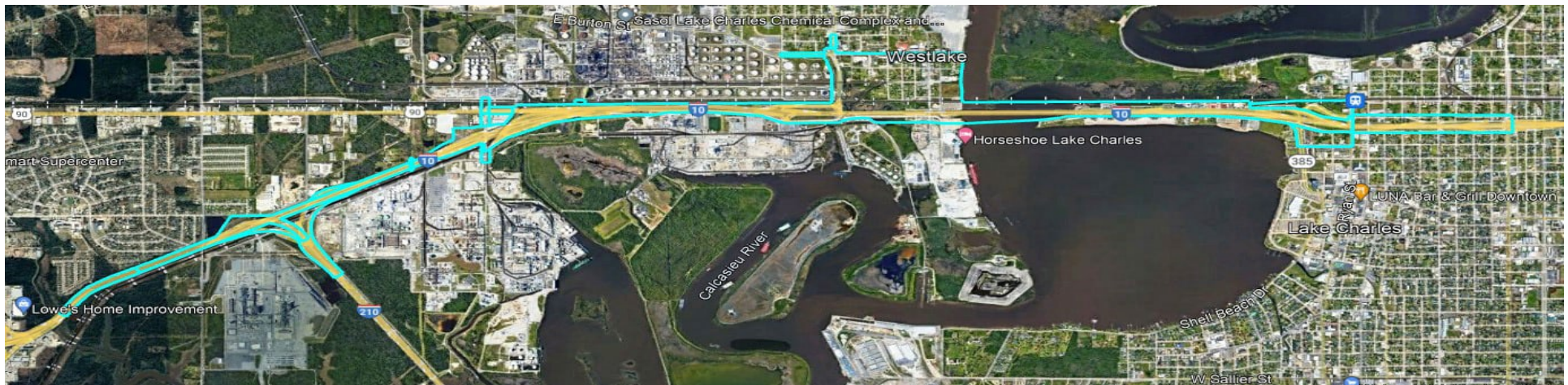
S.P. No. H.015308 – I-49: I-10 – St. Landry P/L, Lafayette Parish. This project is located in Lafayette, LA beginning at the intersection of I-10 and I-49 and extending in a northerly direction along I-49 for approximately 9 miles. The width extended from outside ditch toe to outside ditch toe, including all exit and entrance ramps. Utilizing mobile LiDAR, TBS was able to deliver this pavement preservation survey on an expedited schedule of 3.5 months. Analysis of LiDAR data allowed TBS to accurately identify asphalt patches, concrete joints, and aerial utility crossings within the limits of the project.

S.P. No. H.014414 – LA 22: Bedico Creek – Pine Creek Dr, St. Tammany and Tangipahoa Parishes. This project is located near Madisonville, LA along LA 22. The main corridor for this project is approximately 4.5 miles along a highly trafficked roadway through a heavily wooded corridor. The width of the survey and DTM was a total of 140', extending 70' on each side of the project centerline. The project also included the topographic survey for a potential roundabout at Trapagnier Road and an existing drainage map of the project site. Over the course of the year-long survey, TBS encountered ongoing new utility installation and other construction throughout the site. A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits.

S.P. Nos. H.016322, H.016323, H.016324, H.016326, H.016333 – Multiple Bridge Replacements, Districts 03, 61 & 62. TBS performed topographic surveys for the design and replacement of six (6) rural route bridges across southern Louisiana. Schedule was top priority for DOTD, with surveys commencing in November of 2024 and being completed by May 2025 for all 6 sites. Survey length extended five hundred feet from each end of the existing bridge structures, with the width extending from existing ROW to Existing ROW.

17. FIRM EXPERIENCE

Firm	T. Baker Smith, LLC	Discipline(s)*	Other - (SUE)
Project name	Calcasieu River Bridge	Firm responsibility (prime or sub?)	Sub
Project number	H.003931	Owner's name	DOTD
Project location	Calcasieu Parish, Louisiana	Owner's Project Manager	Peggy Paine, PE
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1065; peggy.paine@la.gov		
Services commenced by this firm (mm/yy)	03/21	Total consultant contract cost (\$1,000's)	1,830
Services completed by this firm (mm/yy)	03/24	Cost of consultant services provided by this firm (\$1,000's)	1,830



FIRM MEMBERS INVOLVED:

- TJ Stokes, PE

RELEVANCY:

- Utility Investigation & Research

TBS provided Quality Level B and Quality Level A SUE services as well as Utility Coordination during Design for this project along I-10 in Lake Charles, Louisiana. The purpose of the project is to replace the existing I-10 bridge crossing Lake Charles. This is one of the largest SUE projects in the history of DOTD. There are numerous pipelines throughout the corridor due to the abundance of chemical plants in the area, so determining the location of these pipelines was crucial to the design of the project. Our team had to coordinate continuously with the pipeline owners to perform test holes on these facilities which slowed down the production rate of the field staff.

The City of Westlake utilities such as water, sewer, and gas proved to be difficult to locate and the records were outdated and unclear. A combination of designating, test holes, and ingenuity was used to properly map out these utilities. Utility coordination was used to inform the utility companies of the impact the project would have on their facilities. The difficult part of the process was the fact that there wasn't a finished design to determine conflicts. A new process and precedent was set to accomplish the goals posed by DOTD.

17. FIRM EXPERIENCE

Firm	Vectura Consulting Services, LLC		Discipline(s)*	Traffic
Project name	Belle Chasse Bridge & Tunnel Replacement PPP		Firm responsibility (prime or sub?)	Sub
Project number	H.004791		Owner's name	DOTD
Project location	Belle Chasse, LA		Owner's Project Manager	Nickolas 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 (mm/yy)	04/19	Total consultant contract cost (\$1,000's)		unknown
Services completed by this firm (mm/yy)	Ongoing	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:

- Preliminary and final traffic studies
- Temporary and final traffic signal plans
- Assist the Prime with Traffic Management Plan (TMP)
- Response to request for information (RFI's)
- As-built plans for the traffic signals

FIRM MEMBERS INVOLVED:

- Brin Ferlito, Laurence Lambert

17. FIRM EXPERIENCE

Firm	Vectura Consulting Services, LLC		Discipline(s)*	Traffic
Project name	I-10 ITS Scott to Lake Charles		Firm responsibility (prime or sub?)	Sub
Project number	H.013256.5		Owner's name	DOTD
Project location	I-10 (District 07)		Owner's Project Manager	Roy Esteven, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-2527, Roy.Esteven@LA.gov			
Services commenced by this firm (mm/yy)	01/21	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	03/21	Cost of consultant services provided by this firm (\$1,000's)		20,162

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

FIRM MEMBERS INVOLVED:

- Laurence Lambert, Brin Ferlito

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

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

17. FIRM EXPERIENCE

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



FIRM MEMBERS INVOLVED:

- Laurence Lambert, Brin Ferlito

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

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

17. FIRM EXPERIENCE

Firm	ELOS Environmental, LLC	Discipline(s)*	Environmental
Project name	Tangi-Off System Bridge Prioritization	Firm responsibility (prime or sub?)	Sub
Project number	H.015407, H.015333, H.015404.	Owner's name	DOTD
Project location	Tangipahoa Parish	Owner's Project Manager	Dennis Hymel Crescent Engineering & Mapping, LLC
Owner's address, phone, email	PO BOX 370, Vacherie, LA 70090, LA, 985-257-6581; dennis.hymel@crescentengla.com		
Services commenced by this firm (mm/yy)	03/22	Total consultant contract cost (\$1,000's)	Unknown
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	120,100



FIRM MEMBERS INVOLVED:

- Lucas Watkins, Michael Hill

The DOTD Off-System Bridge Replacement program focuses on replacing or rehabilitating bridges on roads outside the state highway system. These bridges typically serve local and rural areas, providing essential infrastructure for communities. The program is designed to address structural deficiencies, improve safety, and ensure compliance with modern design and environmental standards. It involves the evaluation, planning, and execution of bridge replacements to enhance transportation networks while minimizing disruptions to the affected communities.

ELOS is currently contracted to provide all professional environmental services necessary to document a Categorical Exclusion (CE) with the FHWA. This includes preparing a CE Document, both the preliminary and final versions, that assesses potential environmental impacts and supports exclusion from more extensive NEPA reviews. ELOS is handling the solicitation of views, preparing the CE document in compliance with NEPA guidelines, and addressing potential environmental impacts, including wetlands, endangered species, hazardous materials, and other environmental concerns. The CE document includes detailed assessments of project alternatives, their impacts, and stakeholder coordination.

We are also conducting a Wetland Findings Report, including wetland delineation, vegetation analysis, and impact quantification. Additionally, ELOS is preparing and submitting the USACE Nationwide Permit application to meet all regulatory requirements. All deliverables, including the CE document, Wetland Findings Report, and permit application, are being prepared in accordance with FHWA and DOTD standards, with high-resolution photographs, maps, and comprehensive environmental documentation. These services collectively ensure environmental compliance and smooth project execution.

17. FIRM EXPERIENCE

Firm	ELOS Environmental, LLC		Discipline(s)*	Environmental
Project name	DOTD Rural Bridges: Phases I & II		Firm responsibility (prime or sub?)	Sub
Project number	H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997 (Phase 1) and H.014242, H.014243, H.014245, H.014246, H.014247, H.014248, H.014249, H.014250, H.014268, H.015685		Owner's name	DOTD
Project location	Statewide, LA (Districts 3, 5, 7, 8, 58, 61, and 62)		Owner's Project Manager	Brian Allen
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA, 225-379-1840, brian.allen@la.gov			
Services commenced by this firm (mm/yy)	08/20	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		541.8



FIRM MEMBERS INVOLVED:

- Lucas Watkins, Brian Fortson, Mike Hill

ELOS has been contracted to provide environmental consulting services for two phases of the DOTD Rural Bridge Replacement Initiative. Phase I involved bridge replacements under 16 state project numbers and supplemental task orders, impacting 33 structures in Districts 03, 07, 61, and 62. Phase II is ongoing and involves bridge replacements under nine state project numbers and supplemental task orders, affecting multiple structures in Districts 05, 08, and 58. The projects have included a wetland delineation, permit applications, cultural resource surveys, and T&E species surveys. ELOS has also assisted in the early planning stages of these projects to identify any potential adverse economic, social, or environmental effects or concerns.

ELOS performed all environmental services in accordance with FHWA standards. Permits have been coordinated through several federal and state agencies, including JPAs to the USACE and the LDCE Office of Coastal Management, Scenic Rivers permits through the USFWS, and cultural resource surveys in coordination with the Louisiana SHPO.

17. FIRM EXPERIENCE

Firm	ELOS Environmental, LLC		Discipline(s)*	Environmental
Project name	IIJA Off System Bridges District 62		Firm responsibility (prime or sub?)	Sub
Project number	H.015429, H.015430, H.015431, H.015432, H.015432, H.015433, H.015434		Owner's name	DOTD
Project location	Tangipahoa Parish, LA		Owner's Project Manager	Greg Sepeda (Sigma)
Owner's address, phone, email	10305 Airline Hwy, Baton Rouge, LA 70816; 225-810-3100; gsepeda@sigmacg.com			
Services commenced by this firm (mm/yy)	9/22	Total consultant contract cost (\$1,000's)		129
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		127



FIRM MEMBERS INVOLVED:

- Lucas Watkins, Brian Fortson, Mike Hill

The Off-System Bridge Program, established under the Infrastructure Investment and Jobs Act (IIJA), is a key federal initiative designed to improve bridges not located on the federal-aid highway system. The program addresses the needs of local and rural bridges, which often fall outside the primary focus of traditional federal bridge programs. The program is managed at the state level and has \$264 million funded specifically for the repair, replacement, or rehabilitation of bridges. The funds were based on priorities and the bridges' overall condition.

ELOS is currently under contract with the DOTD IIJA Off-System Bridge Program. The objective of this program was to replace as many poor-condition, off-system bridges as possible through initial screenings of eligible "off-system" structures and to create a Preliminary Screening Matrix/Spreadsheet. ELOS conducted appropriate technical and environmental studies and prepared the necessary environmental documentation for FHWA approval, in accordance with NEPA, FHWA Technical Advisory 6640.8a, and applicable laws, rules, guidance, and regulations. ELOS services encompass a comprehensive range of tasks to ensure compliance with environmental regulations and facilitate the approvals required for infrastructure projects.

These services include environmental consulting to advise on regulatory requirements, NEPA compliance to assess and mitigate potential environmental impacts, and agency coordination to engage relevant federal, state, and local authorities.

Additionally, services include preparing Section 106 tribal consultation packets, soliciting stakeholder input, and conducting detailed wetland studies and cultural resources surveys to evaluate impacts on natural and cultural resources. Surveys for T&E species, as well as the preparation of a navigability determination packet, help ensure compliance with environmental protections. The process also includes developing an environmental determination checklist and obtaining the necessary environmental permits, ensuring all legal and regulatory requirements are met before the project proceeds.

17. FIRM EXPERIENCE

Firm	Bridge Diagnostics, Inc	Discipline(s)*	Bridge
Project name	UT Anchor Bolt Inspection of Bayou Dularge Houma Navigation Bridge	Firm responsibility (prime or sub?)	Prime
Project number	Task Order 7, Task 4	Owner's name	DOTD
Project location	Houma, Louisiana	Owner's Project Manager	Bradley Mistich
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70804-9245; 225-379-1200; Bradley.Mistich@la.gov		
Services commenced by this firm (mm/yy)	08/25	Total consultant contract cost (\$1,000's)	501
Services completed by this firm (mm/yy)	09/25	Cost of consultant services provided by this firm (\$1,000's)	172



The Louisiana Department of Transportation and Development observed a ruptured anchor bolt on the Houma Navigation Bridge carrying Barrow St. over Bayou Dularge on August 12, 2025, and immediately requested BDI's services to determine the extent of damage on the bridge and perform NDE on the steel structure to assess condition.

BDI performed ultrasonic testing using the Olympus Epoch 650 UT system to assess the condition of the anchor bolts. Additionally, BDI performed hammer sounding on each bolt. Three (3) of the sixteen (16) anchor bolts failed hammer sounding, but did not exhibit defects when the UT data were analyzed. With the exception of the ruptured bolt, the remaining fifteen (15) bolts did not indicate flaws being present from ultrasonic evaluation.

The following testing activities were performed:

- BDI accessed all anchor bolts via internal structure stairways to minimize the need for fall protection or ropes access.
- BDI staff applied UT couplant to each bolt prior to testing to ensure full UT probe contact. Each bolt face was fully scanned and screenshots of each scan location were saved for reference.
- Following UT testing, each bolt was thoroughly cleaned and sprayed with cold-galvanizing compound to mitigate corrosion.
- Prior to application of cold-galvanizing spray, each bolt was hammer-sounded to determine if the bolts were fully intact or had faults.

BDI recommended that a monitoring system consisting of strain gauges on the northwestern tower, east leg anchor bolts to collect their responses as the bridge leaves were raised and lowered. Additionally, BDI recommended a similar monitoring system be installed on the northeastern tower to collect data that would be used as control data. By analyzing the data over time, the behavior and characteristics of the structure could be observed.

Steven Fall serves as a project manager responsible for local crew coordination, scheduling, and completion of field work. Charles Young served as subject matter expert.

FIRM MEMBERS INVOLVED:

- Steven Fall

RELEVANCY:

- Emergency response; NDE / UT testing; Movable bridge support; Structural monitoring; Field coordination

IDIQ Contract for Bridge Load Rating Services, DOTD

Relevance to DOTD Bridge Maintenance Preservation and Repair IDIQ:

Bridge Condition Assessment/Load Rating, Preventative Maintenance and Repair, Bridge Rehabilitation Recommendations



Section 18

The AECOM Team

The AECOM team brings recent and relevant Bridge Maintenance Preservation and Repair IDIQ experience to DOTD as demonstrated on our current DOTD Bridge BPM IDIQ, and our Complex Bridge Inspection IDIQ and Bridge Load Rating IDIQ (as subconsultant) contracts. **Through these existing task orders, we have worked alongside DOTD staff developing preventative maintenance and bridge repair solutions for DOTD's infrastructure.** These task orders supported DOTD's needs and set many of the Bridge Maintenance Section priorities including:

- Implementing a preventative maintenance and/or preservation first strategy on existing infrastructure, priority given to unposted bridges on US routes
- Acting as an extension of staff for the Bridge Maintenance Section to provide responsive, effective, and emergency (as needed) bridge repair solutions, and
- Restoring structural integrity, improving safety, and extending the lifespan of DOTD's bridge infrastructure

This approach was developed based upon the recent discussions we've had with the DOTD / PM Bridge Maintenance team, our recent task order experience and other asset management contract experience. Our staff is very familiar with the preferences and expectations of DOTD and the approach discussed here will guide us in meeting those expectations in every aspect of our work. The AECOM Team is supported by our local, regional and national offices with significant bridge preservation experience offering cost-effective and practical bridge solutions. **The following paragraphs highlights our teaming partner's expertise and the value they bring to this Bridge Maintenance Preservation and Repair IDIQ Contract.**



As an exclusive teaming partner to AECOM, **Huval & Associates, Inc.** brings a deep bench of bridge design professionals. They specialize in complex bridge design, bridge rehabilitation, project management and roadway design for the DOTD's most challenging projects. They have held numerous bridge preventative maintenance, repair, and replacement design IDIQ contracts and are a trusted DOTD partner.



Bridge Diagnostics, Inc. are leading experts and focused on structural non-destructive testing / evaluation, load testing, monitoring, and evaluation services. BDI was an important AECOM team member of the DuLarge Bridge Emergency Repair project recently completed earlier this year.



Ardaman and Associates, Inc. will perform any required geotechnical services including shallow and deep soil borings, soil analysis, settlement determinations and other construction related analysis. Their comprehensive understanding of and the evaluation of insitu ground conditions during construction is critical to identify mitigating geotechnical solutions.



T. Baker Smith, LLC is a multi-disciplinary design firm and also specializes in topographic survey design and subsurface utility engineering investigations. If needed under this contract, we will leverage their experience to support preservation solutions for DOTD.



Vectura Consulting Services, LLC, is a DBE firm specializing in transportation planning, traffic engineering and MOT design solutions. They have a comprehensive understanding of DOTD's Traffic Engineering Manual and bring a trusted approach to MOT and staging operations.



ELOS Environmental, LLC is a Louisiana-based environmental consulting firm with 18+ years of experience in environmental planning, permitting, cultural resources, and regulatory compliance for transportation and infrastructure projects.

Bridge Maintenance Preservation & Repair Statewide Approach

Based upon the Scope of Work, we developed the following approach:

Structure Asset Management Plan Development

The most widely used method of setting a capital and maintenance program for transportation asset management by owners/operators has been to take the results of inspections and use engineering judgment and past knowledge of the assets to determine where funding is needed. This approach leads to prioritizing the repair or replacement of the most deteriorated elements and can result in a permanent backlog of work as it does not reflect:

- An "asset management approach" to managing assets that reflects a programmed intervention program that reduces the lifecycle cost of managing the assets
- The actual risk of failure to the owner or operator of the assets because condition is only one of the parameters that determine risk.

AECOM's approach to asset management projects are aligned with the asset management body of knowledge such as the Institute of Asset Management (IAM), International Infrastructure Maintenance Manual (IIMM), and is aligned with ISO 55000 Asset Management standards. Our team will review the data provided by DOTD where gaps exist to develop bridge asset management plans (BAMP). The data needed to best synthesize BAMPs includes:

- Asset definition
- Asset Value / Replacement Cost
- Deterioration Curve / Treatments
- Installation date / Age
- Condition

Data Validation and Assessment

We will compile the asset list, confirm extents, validate inspection recency and quality, and identify gaps needing desktop review or field spot checks. We will classify deficiencies by structural, functional, and safety needs; rate severity, urgency, and consequences of failure; and flag risks such as scour, fatigue, bearings, deck joints, coatings, and drainage.

Treatment Strategy Selection

We will create a decision tree linking condition state and deficiency types to feasible treatments based on national expertise and local DOTD resources and capabilities. These may include:

- Preservation: Crack sealing, joint / joint seal replacement, deck sealing/overlays, spot painting and drainage fixes.
- Rehabilitation: deck repairs/replacement, steel repairs, bearing replacement, substructure repairs, painting.

- Replacement: partial (superstructure) or full structure when lifecycle, geometry, load, or recurring defects justify.

Note that determining optimal treatments and forecasting treatment timing and cost can be refined by conducting pre-scoping studies, feasibility studies, life-cycle cost analyses, and bridge testing and monitoring.

Planning-Level Cost Estimates

We will create planning estimates using recent regional unit costs and productivity rates and major pay items, DOTD indirect costs including mobilization, maintenance of traffic, and design, inspection, and contingency costs and document all assumptions accordingly. We may also consider using a risk-based programmatic baseline cost estimating tool that determines cost contingencies, tracks construction cost trends, and summarizes district and historical unit costs to develop more accurate planning costs.



AECOM ADVANTAGE | We developed the Illinois Tollway's comprehensive Transportation Asset Management System to support a 50-year plan for bridge and roadway assets. The system automated asset management workflows, applied advanced analytics, and used deterioration modeling to forecast condition categories and evaluate budget scenarios for long-term bridge investment planning.

Asset Management Considerations

Based upon our understanding of DOTD's inventory and general bridge condition assessment, we would meet with the DOTD/PM to discuss developing an asset management program which would evaluate program scoping and packaging by defining the scope by structure and bundling work by corridor/ geography to reduce traffic control and mobilization and phasing to minimize detours and seasonal conflicts.

This program would prioritize improvements (as requested) by scoring projects with weights (e.g. condition & risk, mobility & criticality, cost effectiveness & lifecycle benefit, deliverability (e.g. ROW, utility, and railroad considerations), and/or equity & community. We can also consider scenarios and provide a recommended prioritized list, finalizing a plan and roadmap producing a time-phased, budget-aligned program with packages, cash flow, and quick-win preservation actions. We developed these client-specific asset management programs for our transportation clients, including Illinois Tollway, Colorado DOT (i.e. Bridge & Tunnel Enterprise) and the Ohio Turnpike Authority to name a few.

Structure Preservation Project Development

Using the information developed from the DOTD Structure Asset Management Plan, AECOM will develop complete preconstruction packages for structure preservation projects, following the current DOTD milestone submittal requirements for Preliminary and Final Plan development. Our team also has the capacity to advance the design of any "shovel-ready" bridge packages that have been previously identified by the DOTD PM.

Our team has extensive experience preparing bridge preservation and bridge repair/emergency projects. This rehabilitation process will follow the general design protocols for preliminary and final design, established within Stage III of DOTD's Project Delivery Process. We have extensive experience in developing bridge rehabilitation and/or repair solutions to address any condition or situation.

The table below identifies our preservation capabilities performed through IDIQ and project-specific contracts for our federal, state, and local clients, including preservation services for DOTD performed from our previous and/or current IDIQ contracts.

AECOM Team Bridge Preservation Capabilities	
✓ Inspections (2, 3, 4) ✓ Load Ratings (2, 3, 4) ✓ Assessments & Evaluations (2, 3, 4) ✓ Super/Substructure Replacement (1) ✓ CFRP Strengthening (2) ✓ Bearing Repair/Replacements (5) ✓ Deck Resurfacing (6) ✓ Truss Repair ✓ Foundation Repair ✓ Timber Piling Repairs	✓ Steel SSPC Painting Assessments ✓ Substructure Concrete Patching ✓ Concrete Corrosion ✓ Infrared Deck Scans/Chloride Ion Testing ✓ Bridge Deck Hydro-Demolition ✓ Deck Widening ✓ Heat Straightening ✓ Scour Mitigation ✓ Epoxy Injection Repair ✓ Fatigue Analysis/ Evaluations
1. LA 10, LA 561 Bridges; 2. LA 641 over I-10; 3. DOTD Load Rating IDIQ; 4. LA 315 Bayou Dularge; 5. US 190 WB Krotz Springs Bridge; 6. LA 3032, LA 4, LA 888 (in scoping phase)	

Many of these projects required the services specifically identified in this IDIQ Contract for Bridge Maintenance Preservation and Repair Statewide incorporating survey and subsurface investigations, utility coordination and deconfliction, environmental permitting, engineering analysis and design, MOT and staging, preparation of specifications and estimates, and development of public outreach and stakeholder strategies. *The table below outlines this experience from our current IDIQ and other similar contracts and provides example task orders and our potential solutions for this contract.*

AECOM Team Bridge Asset Management and Preservation Task Order Experience Table				
Scope Elements	DOTD Need	AECOM Team Solution	Benefit to DOTD	Proof
• Condition Assessment • Structural Analysis & Rehabilitation Report • Emergency Repair	Recent inspection report notes vehicle impact and/or deteriorated conditions that warrant immediate structure mitigation.	Generate a field assessment report, identify alternatives, and perform an alternative evaluation to confirm most cost-effective solution. If emergency repairs are warranted, immediately mobilize staff to provide a detailed assessment and design repair.	Load restrictions are removed, bridge life is extended.	• LA 641 over I-10 • LA 6 over Red River • DOTD US190 WB Krotz Springs (truss bearing replacement)
• Bridge Rehabilitation • Deck NDT Testing • Traffic/MOT	DOTD needs multiple bridge deck condition evaluation and cost-effective repair solutions to extend existing design life.	Develop a programmatic approach to assessing existing conditions, perform infrared scanning and 3D GPR deck assessments, and digital image mapping for crack detection, compiling the results into a comprehensive report.	This cost-effective, evaluation and analysis report can help DOTD confirm their prioritizing and rehabilitation recommendations.	• LA 6 over Red River • Colorado Ave Deck Repair • Park Avenue Viaduct • LA 641 over I-10
• Cost Estimate Development • Structure Prioritization • Deterioration Modeling	Planning cost estimates need to be standardized to improve structure programming and budgetary spending for preventative maintenance projects	Review DOTD's current asset management program and identify design and implementation efficiencies to provide a comprehensive integrated approach from structure assessment and cost programming to design development and construction.	Program cost savings on current bridge inventory that help to extend bridge life and duration	• Illinois Tollway • Colorado Bridge & Tunnel Enterprise • MassDOT Bridge Deterioration Modeling

AECOM has an award winning communications team that has been working on bridge construction, detour, and closure projects throughout the south for several years. We will coordinate closely with the DOTD Public Information Office to provide MyDOTD announcements and more. We will use a number of conventional and digital means of communication to inform the public of construction period delays and detours.

Post-Design Construction Support Services

The AECOM has extensive post-design experience and has been supporting the construction of DOTD bridge projects for many years. Through our current IDIQ Bridge Preservation Maintenance and other project-specific contracts, we have supported the DOTD by responding to requests for information (RFIs), reviewing submittals for conformance with the design intent, providing design clarifications, and evaluating proposed changes.

We understand the importance of providing timely project submittal reviews and responses immediately to avoid any potential scheduling delays. The AECOM team has the necessary resources and experienced senior bridge design staff to review, assess and evaluate any Contractor changed conditions in support of the DOTD Project Engineer’s review and recommendation. Our team has the capacity and availability to attend site visit and video conference meetings to verify the existing and proposed conditions. We will confirm all Contractor documentation is in accordance with the latest BDEM and EDSM requirements.

Contract Management

AECOM understands the importance of task order management as it pertains to this Bridge Preservation IDIQ contract and will verify our approach aligns with the DOTD’s task order goals and objectives. Daniel Boyd, AECOM Project Manager, will act as the primary contact and will confirm project team, scoping, scheduling, and deliverables are prepared in accordance with DOTD’s project delivery guidelines. Daniel brings relevant bridge task lead experience and a proactive management approach that includes regular and frequent check-ins with the DOTD/PM.

We developed an effective protocol we are using on our current DOTD BPM IDIQ and what we typically follow for successful task order execution. We understand the DOTD’s task orders, as described in the RFP, will include engineering design for structural preservation, structure asset management, and construction support. We are prepared to address any assignment, which could also include the following tasks:

- Survey and Subsurface Investigations, as required
- MOT and Staging
- Utility Coordination and Deconfliction
- Preparation of Specifications and Cost Estimates
- Environmental Permitting
- Development of Public Outreach and Stakeholder Strategies
- Engineering Analysis and Design

Task Order Approach Protocol

- **Identify Project Need:** PM contacts Daniel to discuss the task order need, project goals, and general timeline.
- **Develop AECOM Team:** Daniel identifies the task order project manager, task leads, and support staff best suited to the task order requirements, then meets with the PM for input and approval.

- **Early Task Order Scoping:** Daniel and the Task Order PM confirm scope, critical issues, schedule, and budget requirements.
- **Task Order Submittal / Approvals:** Task order is prepared/submitted in accordance with Chapter 2 of CSS Manual including detailed narrative that define AECOM and subconsultant roles, tasks with assigned hours and rate classifications, milestones, deliverables and project schedule..
- **NTP / Project Development:** Initiate project kickoff and prepare work in accordance with Project Delivery Process (Stage 0, I, II, and III).
- **Completion/DOTD Final Submittals:** Task Order PM and team complete the project and submit final electronic plan deliverables in accordance with Digital Plan Delivery Standards, Workflow protocols, and BTDM.100, as applicable.

Daniel will also be responsible for overseeing the overall contract managing duties to verify the Task Order Project Managers provide the following:

- Provide monthly progress reports for active task orders, including status, schedule, budget, and key issues.
- Prepare and submit timely monthly invoices in accordance with DOTD requirements
- Maintain internal coordination and documentation and assurance of compliance with all administrative contract procedures.

In addition, Daniel will confirm that each task order includes the following items: scope and objectives, applicable assumptions, deliverables, time for performance, applicable standards, anticipated staffing levels, and budget.

Proactive Management and Staffing Plan

AECOM uses an established project delivery system that incorporates proven processes, best practices, and digital tools to help us deliver projects reliably and efficiently. Daniel Boyd and our Task Order Project Managers will prepare a Project Management Plan (PMP) that we will use to control scope, schedule, quality, budget, and identify staffing requirements. We will confirm staffing and capacity needs and confirm the PMP and project objectives with an internal kickoff meeting ahead of the project kick-off meeting with DOTD.

The table below confirms our staffing, task managers, and team capacity to support, execute, and deliver up to four concurrent task orders through this IDIQ contract.

Task Order	Task PM	Team / Leads
Asset Management Development	Bridget Malinowski	Matt Pregmon, James Proctor, Barry Colford
Bridge Eval/Rehab	Gary Maji	Josh Guitreau, Myles Martin
Emergency Repair	Daniel Boyd	Jason Zimpler, Doug Hively
Post-Design Support	Robert Schmidt	Colby Guidry, Matthew Herbert



AECOM ADVANTAGE
Along with our major subconsultant partner, Huval & Associates, the AECOM team brings a deep bench of managers and design professionals available to support and respond to DOTD’s Bridge Maintenance Preservation and Repair needs!

Flexible/Responsive

The AECOM team offers a project-focused staffing approach that matches key staff and our subconsultant partners to DOTD's project needs. We will leverage our continued success supporting DOTD through blended-team and full-service team assignments so that project schedule impacts are eliminated.

Our commitment to project delivery, design efficiencies, and staff development is reflected throughout each task order, as proven on our emergency design efforts on the Dularge Bridge Inspection and Repair.



AECOM ADVANTAGE | AECOM performed an emergency bridge inspection, prepared a conditions summary, and developed short and long-term bridge repair concepts for the LA 315

Bayou Dularge Bascule Bridge within a 2-week window. Construction began within 2 weeks concurrent with design and was completed in 6 weeks.



Innovative/Integrated

The AECOM team is organized in a manner that allows us to implement best practices, innovative design and advanced technology into our bridge preservation practice. Daniel and his team have significant bridge preservation experience and, if necessary, can leverage AECOM's National Bridge Instrumentation Practice to help identify the most applicable bridge repair solutions for our clients. *The following table briefly summarizes just a few of the tools we have in our bridge preservation toolbox.*

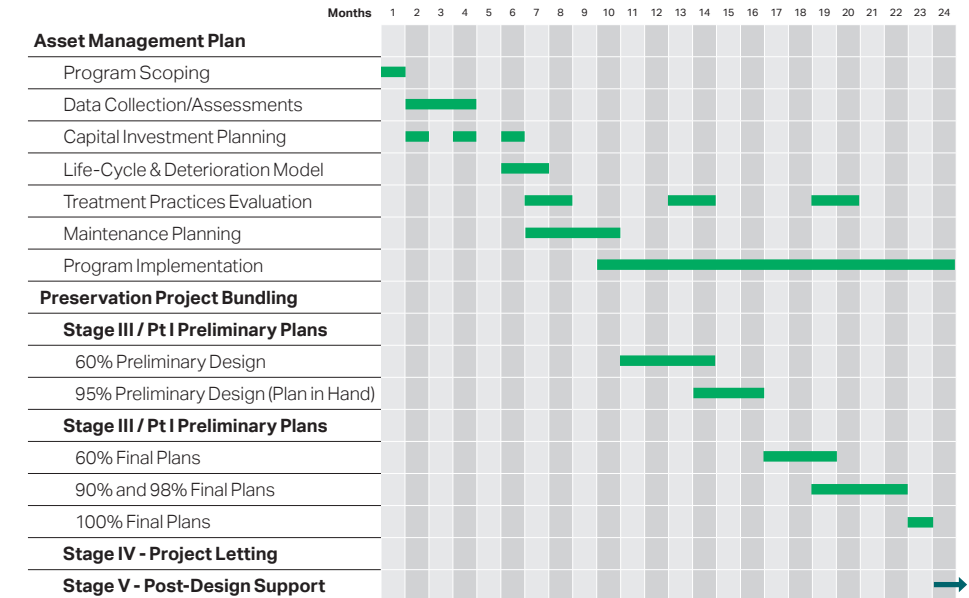
Preservation Need	AECOM Team Technology Applications
Asset Management	CIP Tool, 4-Pillars Gap Assessment, Various Asset Management Softwares (AASHTO BRM, OpenGov, Deighton, Cityworks, Trimble Unity), Survey 123
Bridge Condition Assessments	Digital Imaging, UAS Technologies, 3D Photogrammetric Modeling, Field Load Testing, Dye Penetrant, Mag Particle Testing,
Material Strengthening	Fiber-Reinforced Polymers, UHPC, External Post-Tensioning, Steel Fatigue Retrofits
Instrumentation	Multi-Beam, Remote Sensors and Structural Monitoring Systems, 3D LIDAR Electrochemical Chloride Extraction

Program Schedule

Based upon our understanding of the project goals and the scope of work identified within the RFP, we developed a program schedule based upon the asset management development and implementation of a bridge maintenance & repair bundled project (*Figure 1*).

Ultimately, the project schedule for the program and/or each individual task order will be set based upon scoping discussions between the AECOM task manager and the DOTD/PM to confirm the schedule incorporates the latest DOTD requirements, as applicable, for different milestone submittals for both

Figure 1: Sample Schedule



Preliminary Plans and Final Plans, including the use of the latest approved Greenbook, DOTD EDSMs, Minimum Design Guidelines, Complete Streets Initiative, DOTD and AASHTO Bridge Design Specifications, Bridge Design Technical Memorandums (BDTM), Hydraulics Manual, and DOTD CAD standard submittals.

Quality Assurance/Quality Control

AECOM understands that it is our responsibility to provide quality bridge programming and engineering design services for the DOTD on this assignment and we pledge to continue to meet the high standards that we previously established with the DOTD. At the core of our technical expertise is our corporate commitment to provide our clients with a quality product. AECOM is an ISO 9001 company. Our quality program is one of the most demanding in our industry and has been developed to verify that all work is carried out in a planned, controlled, and correct manner. We will submit our QA/QC plan to Bradley within 10 business days of award notification.

Statewide Bridge Services Contract, VDOT

Relevance to DOTD Bridge Maintenance Preservation and Repair IDIQ: Bridge Rehabilitation, Preventative Maintenance and Repair, and Condition Assessment/Load Rating



Sections 19

19. WORKLOAD

Firm(s)	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
AECOM Technical Services, Inc.	Bridge	44-21593; H.009859.5	TO#1 Bridge Load Rating Services	\$140,545
	Bridge	44-23921; H.015603.5	LA 641 Bridge Load Rating Services	n/a
	Bridge	44-23921; H.013832	LA 6 Grand Ecore	\$13,752
	Bridge	44-23921; H.015519	Smith Road over Red Chute Bayou	\$7,555
	Bridge	44-23921; H.011993	LA 10 Bayou Carron	\$1,489
	Road	44-23921; H.016313	LA 1206: Creek Bridge	\$104,865
	Road	44-23921; H.016315	LA 463: Drain Bridge	\$137,784
	Road	44-23921; H.016316	LA 499: Ice Branch Bridge	\$52,506
	Road	44-23921; H.016317	LA 1234: Drain Bridges	\$63,029
	Road	44-23921; H.016321	LA 970: Creek Bridge	\$45,636
	Road	44-23921; H.016322	LA 81: W-11 Lateral & Bayou Black Brs	\$31,147
	Road	44-23921; H.016323	LA 37: Glass Branch Bridge	\$42,214
	Road	44-23921; H.016324	LA 1047: Drain Bridge	\$52,956
	Road	44-23921; H.016326	LA 36: Drain Bridge	\$40,760
	Planning	44-04128; H.004273.5	I-49 Connector Tasks 1, 5, 6, 12	\$501,526
	Traffic	44-04128; H.004273.5	I-49 Connector Task 2	\$24,765
	Road	44-04128; H.004273.5	I-49 Connector Task 4	\$14,923
	Bridge	44-04128; H.004273.5	I-49 Connector Task 8	\$5,335
	Environmental	44-04128; H.004273.5	I-49 Connector Task 10	n/a
	Environmental	44-04128; H.004273.5	I-49 Connector Task 210	\$232,592
	Bridge	44-04128; H.004273.5	I-49 Connector Task 301	n/a
	Bridge	44-04128; H.004273.5	I-49 Connector Task 302	\$117,662
	Bridge	44-04128; H.004273.5	I-49 Connector Task 408	\$114,256
	Bridge	44-21513; H.011969.5 – Ted Hickey	Contract 1 for Movable Bridges (LA 1264)	\$553,439
	Bridge	44-21513; H.012044.5 – Grand Lake	Contract 1 for Movable Bridges (LA 384)	\$392,761
	Bridge	44-21513; H.011988.5 – Duperier	Contract 1 for Movable Bridges (LA 86)	\$467,419
	Bridge	44-21513; H.011973.5 - Dularge	Contract 1 for Movable Bridges (LA 315)	\$493,447

Firm(s)	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
AECOM Technical Services, Inc. (Continued)	Bridge	44-21513; H.012737.5- Bayou Bonfouca	Contract 1 for Movable Bridges (LA 433)	\$379,429
	Bridge	44-23434; H.000445	US 190: UPRR Overpass near Opelousas	\$503,514
	Road	44-23434; H.000445	US 190: UPRR Overpass near Opelousas	\$461,942
	Traffic	44-23434; H.000445	US 190: UPRR Overpass near Opelousas	\$240,000
	Bridge	44-29684; H.009730.5	In-Depth Bridge Inspection – TO#1	\$556,450
	Bridge	44-29684; H.009730.5	In-Depth Bridge Inspection – TO#2	\$1,568,389
	Bridge	44-29684; H.009730.5	In-Depth Bridge Inspection – TO#3	\$954,288
	Bridge	4400023921, H.001970.5	60785399 (LA 561 Bridge - Final Design)	\$352,518
	Bridge	4400023921, H.015603.6	60788684 (LA 641 Bridge Repairs CE&I)	\$39,438
Huval and Associates, Inc.	Road, Bridge	Co. #:4400005673 S.P. H. 011235	I-49 South @ Verot School Road Lafayette Parish – Design Phase Supp. #3,4,5	\$195,016
	Bridge	Co. #:4400010428 S.P. H.004774.5	Kansas Lane-Garrett Road Connector – Supp #1	\$11,644
	Bridge	Co. #:4400017421 S.P. H.001352.5	Comite Diversion Bridge at LA 67 – Construction Services	\$110,464
	Bridge	Co. #:4400017421 S.P. H.002273.5	Comite Diversion Bridge at LA 19 & LA 19 Railroad – Const. Services	
	Road, Bridge	Co. #:4400029193 S.P. H.004100.5	I-10 CMAR –Design	\$2,610,043
	Road, Bridge	Co. #:4400029193 S.P. H.004100.6	I-10 CMAR – Construction Services	\$721,678
	Road, Bridge	Co. #. Not Assigned S.P.H. 001779	Jimmie Davis Bridge (LA 511 – Design-Build Project)	\$1,394,643
	Bridge	Co.#. 4400023923 S.P.H. 013821.5	LA 6: Youngs Bayou Bridges	\$10
	Bridge	Co.#. 4400023923 S.P.H. 007300.5	I-20 Widening and Kansas - Garrett Connector	\$15,073
	Bridge	Co.#. 4400023923 S.P.H. 012545.6	LA 454 - Wiggins Bayou Bridge: Construction Services	\$39,352
	Bridge	Co.#.4400023923 S.P.H. 014560.6	LA 94: Vermillion Bridge Replacement	\$28,105
	Bridge	Co.#.4400023923 S.P.H. 014283.5	US 90 IHNC Danzinger Bridge	\$1,024,657
	Bridge	Co.#.4400023923 S.P.H. 015114.6	US 90 Over Bayou Ramos Repairs – Construction Services	\$27,472

Firm(s)	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
T. Baker Smith, LLC	Bridge	Co.#.4400023923 S.P.H. 011808.6	LA 10: Palmetto Company Canal Bridge	\$24,364
	Bridge	Co.#. 4400023923 S.P.H. 010006.5	LA 58: Petit Caillou Bridge Rehab	\$310,284
		Co.#.4400023923 S.P.H. 013821.6	LA 6: Young Bayou Bridges – Construction Services	\$44,008
	Bridge	Co.#.4400023923 S.P.H. 016537.5	LA 1: W Larose VLB Elec and Mech Repairs	\$67,819
		Co.#.4400023923 S.P.H. 012027	I-20 Pacific RR Overpass	\$498,093
		4400031920 / H.008069	Peters Road Bridge & Extension (Phase 3)	\$180,527
	Other (Construction Support)	4400013203 / H.001344	US 190: LA 437 to US 190 Bus (Ph 1)	\$9,460
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$102,090
	Other (Contract Management)	4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$3,988
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$22,225
	Road	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$40,224
		4400024928 / H.015576 (TO 1)	LA 447 @ LA 1025: Roundabout	\$9,521
T. Baker Smith, LLC	Road	4400024928 / H.015587 (TO 3)	LA 3211 @ Yokley Road Roundabout	\$129,818
		4400024298 / H.016095 (TO 4)	LA 70 Rehab: Marguerite St to US 90	\$7,870
		4400024928 / H.015485 (TO 6)	LA 3187: LA 13 - LA 13	\$129,892
		4400024928 / H.010795 (TO 7)	LA 42: Roundabout at Joe Sevario Road	\$81,440
	Survey	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$9,236
		4400021973 / H.011242	LA 384 (Big Lake Rd to McNeese St)	\$605,792
		4400024928 / H.015485	LA 3187: LA 13 - LA 13	\$63,857
		4400031920 / H.008069	Peters Road Bridge & Extension (Phase 3)	\$301,303
	Other (Subsurface Utility Engineering)	4400025511/H.011242.5	LA 384	\$620,767
		4400025511/H.010005.5	LA 733 VRMLN R MB RH	\$43,841
Vectura Consulting Services, LLC	CE&I/OV	4400020018	EBR Computerized Traffic Signal, Ph VB	\$23,595
	Traffic	4400025299	LA 47 Hayne Blvd Safety Improvements	\$9,437
	Traffic	4400018271; H.014746.5	LA 383 Stage 0 Corridor Study	\$20,146
	Traffic	4400025299	US 61: Cardinal Dr to Bert St	\$6,203
	Traffic	4400026026	LA 1138-1 & LA 1138-2: Corridor Improvements	\$142,847
	Traffic	H.016037	US 190: Wooddale to Livingston P/L Study	\$43,652

Firm(s)	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Ardaman & Associates, Inc.	Geotech	4400025299	I-49 Connector, Lafayette	\$740,206
	Geotech	H.016437.5	LA 23: Belle Chasse Bridge & Tunnel (HBI)	\$45,666
	Geotech	44-19013; H.004100.5 & .6	I-10 CMAR Design Continuation: LA 415 to Essen on I-10 & I-12	\$925,025
	Geotech	H.004435	I-12 to Bush Construction Phase	\$39,040
	Geotech	44-8671; H.009266	I-10 Widening: LA 73 to LA 30	\$46,811
	Geotech	44-17438; H.013284	MRB GBR LA 1 to LA 30 Connector	\$3,979
	Geotech	44-6189; H.004647.6	I-20 Mississippi River Bridge at Vicksburg	\$1,270,473
	Geotech	44-25025; H.015452, H.015453, H.015456, H.015458	IIJA	\$19,887
	Geotech	44-21519; H.012030.5	KCS RR Overpasses US 371	\$39,877
	Geotech	44-21887; H.012542, H.012453, H.012047	Replacement of 15 Bridges	\$240,616
	Geotech	44-6189; H.016313.5, H.016314.5	Culvert Replacements	\$3,371
	Geotech	H.015430	IIJA	\$3,192
	Geotech	H.001798	LA 531: Bridges Near Dubberly	\$12,533
	Geotech	H.016094	US 371: Brushy Creek Bridge	\$36,357
	Geotech	H.016204	Benton Sidewalks & RR Crossing	\$8,550
Bridge Diagnostics, Inc.	Bridge	H.016094	US 371: Brushy Creek Bridge	\$36,357
	Bridge	H.016204	Benton Sidewalks & RR Crossing	\$8,550
	Bridge	4400025002 / H.009730.5	IDIQ Contract for Non-Destructive Testing/Evaluation of Structures Statewide TO9	\$115,918
	Bridge	4400025002 / H.009730.5	IDIQ Contract for Non-Destructive Testing/Evaluation of Structures Statewide TO10	\$408,471
	Bridge	44-24187 / H.004647.6	I-20 Miss. R. Bridge Geotechnical & Stru IDIQ Contract for Bridge Preservation Statewide TO 15	\$145,113
	Bridge	4400023812	Mast Plan Development for the Weigh Station Assessment, Rehabilitation, and Plan Development Statewide TO3	\$27,081

Firm(s)	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
ELOS Environmental, LLC	Environmental	44-0019337 / H.014245	LA-119 Bayou Pierre and Creek Bridges	\$15
	Environmental	44-0019337 / H.014247	LA-399 Creeks, Little 6 Mile Creek, Flat Branch	\$26
	Environmental	44-0019337 / H.014248	LA-124 Creeks, Broke Leg Bayou, Boggy Bayou	\$123
	Environmental	44-0019337 / H.014248.5	LA-124 On site Detours - Supplemental Task Order	\$238
	Environmental	44-0027734 / H.014362	Lake Road in St. Tammany Parish	\$22,433
	Environmental	44-0025041 / H.015430	Hood Rd, Middle Colyell Creek - IIJA Off-System Bridges District 62	\$53
	Environmental	44-0025041 / H.015431	Sawmill Rd, Unnamed Creek - IIJA Off-System Bridges District 62	\$17
	Environmental	44-0021326 / H010074.1	DOTD Stage 0 IDIQ-LA 3089 Serve Rd/LA 70 Up	\$2,760
	Environmental	44-00024189/H.015911	Grover Jones over Williams Creek	\$196
	Environmental	44-00024189/H.016276.5	Sidney Lablanc Road over Coulee	\$452
	Environmental	44-00024189/H.014059	US 80: Bridges Near Minden	\$2,764
	Environmental	44-00031920/H.008069.5	Peters Road Bridge and Extension	\$4,115
	Environmental	44-0025041 / H.015432	M. Williams over Spring Creek	\$25
	Environmental	44-0025041 / H.015433	George Jenkins Road Over Berry's Creek	\$154
	Environmental	44-0025041 / H.015434	Mitch Road Over Peters Creek	\$90

I-76 Steel Box Girder Fatigue Repairs over I-25, CDOT

Relevance to DOTD Bridge Maintenance Preservation and Repair IDIQ: Bridge Rehabilitation, Preventative Maintenance and Repair, and Condition Assessment/Load Rating

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20-23



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5/1/26, 11:06 AM Commercial - Search

State of Louisiana
Secretary of State



COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
AECOM TECHNICAL SERVICES, INC.	Business Corporation (Non-Louisiana)	LOS ANGELES	Active

Previous Names

EARTH TECH, INC. (OF CALIFORNIA) (Changed: 12/8/2008)

Business: AECOM TECHNICAL SERVICES, INC.

Charter Number: 34545989F

Registration Date: 12/20/1996

Domicile Address

515 S. FLOWER ST.
SUITE 1050
LOS ANGELES, CA 90071

Mailing Address

300 SOUTH GRAND AVENUE
9TH FLOOR
LOS ANGELES, CA 90071

Principal Business Office

300 SOUTH GRAND AVENUE
9TH FLOOR
LOS ANGELES, CA 90071

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

5615 CORPORATE BLVD., STE. 400B
BATON ROUGE, LA 70808

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 12/20/1996

Last Report Filed: 11/21/2025

Type: Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent: C T CORPORATION SYSTEM

https://coraweb.sos.la.gov/commercialsearch/CommercialSearchDetails_Print.aspx?CharterID=473278_46FDB369EE 1/2

5/1/26, 11:06 AM Commercial - Search

Address 1: 3867 PLAZA TOWER DR.
City, State, Zip: BATON ROUGE, LA 70816
Appointment Date: 12/20/1996

Officer(s) Additional Officers: No

Officer:	ALLISON HALL
Title:	Director, Treasurer
Address 1:	300 SOUTH GRAND AVENUE
Address 2:	9TH FLOOR
City, State, Zip:	LOS ANGELES, CA 90071

Officer:	ARMOND TATEVOSSIAN
Title:	Secretary, Director
Address 1:	300 SOUTH GRAND AVENUE
Address 2:	9TH FLOOR
City, State, Zip:	LOS ANGELES, CA 90071

Officer:	KARL JENSEN
Title:	Director
Address 1:	300 SOUTH GRAND AVENUE
Address 2:	9TH FLOOR
City, State, Zip:	LOS ANGELES, CA 90071

Officer:	MATTHEW CRANE
Title:	Director, President
Address 1:	300 SOUTH GRAND AVENUE
Address 2:	9TH FLOOR
City, State, Zip:	LOS ANGELES, CA 90071

Amendments on File (5)

Description	Date
Stmt of Chg or Chg Prin Bus Off	1/29/2008
Name Change	12/8/2008
Stmt of Chg or Chg Prin Bus Off	10/18/2015
Disclosure of Ownership	7/25/2016
Appointing, Change, or Resign of Officer	5/3/2021

[Print](#)

https://coraweb.sos.la.gov/commercialsearch/CommercialSearchDetails_Print.aspx?CharterID=473278_46FDB369EE 2/2



Beginning Jan. 1, 2022, all flagger cards shall include a serial number. Cards issued by ATSSA prior to this date will not be accepted.

*National flagger certification cards shown below. Utah cards have a slightly different appearance. All serial numbers are exactly 11 characters (1 letter + 10 numbers).

Flagger Verification Search

By Flagger Number Beginning with "A":
A1000126301

By Flagger Number Beginning with "V":
Last Name
McDowell

SEARCH

Search Results

Contact	Program	Beg Date	End Date	ATSSA Flagger Number	Trainer Flagger Number
Jonathan G McDowell	National Flagger	5/11/2023	5/10/2027	A1000126301	

Certificate of Completion

presented to

Peter Bakhit

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 1, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2.5

Polly Calhoun
Authorized Instructor

Peter Bakhit
Authorized Instructor

Polly Calhoun
Authorized instructor



Certificate of Completion

presented to

Peter Bakhit

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: July 1, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5

Polly Calhoun
Authorized Instructor

Peter Bakhit
Authorized Instructor

Polly Calhoun
Authorized instructor



Certificate of Completion

presented to

Peter Bakhit

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: July 2, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5

Polly Calhoun
Authorized Instructor

Peter Bakhit
Authorized Instructor

Polly Calhoun
Authorized instructor



20. CERTIFICATIONS/LICENSES | DANIEL BOYD, PE (AECOM)



20. CERTIFICATIONS/LICENSES | BRETT CANIMORE (AECOM)



Certificate of Completion

presented to

Derek Chisholm

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: March 10, 2021
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

B. B. B.

Authorized Instructor

[Signature]

Authorized Instructor

[Signature]

Authorized instructor



Certificate of Completion

presented to

Derek Chisholm

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: March 10, 2021
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

B. B. B.

Authorized Instructor

[Signature]

Authorized Instructor

[Signature]

Authorized instructor



Certificate of Completion

presented to

Derek Chisholm

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: March 11, 2021
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

B. B. B.

Authorized Instructor

[Signature]

Authorized Instructor

[Signature]

Authorized instructor



Congratulations!

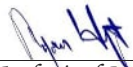
Bonnie Dial

You have completed

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

Date: February 1-2, 2023
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 8.50

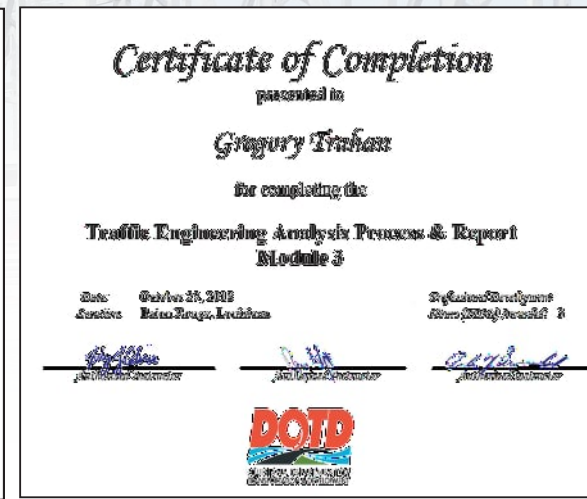


Authorized Instructor



Authorized instructor











Certificate of Completion

presented to

Bob Schmidt

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: January 14, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2

John J. Calver
Authorized Instructor

John J. Calver
Authorized Instructor

John J. Calver
Authorized instructor



Certificate of Completion

presented to

Bob Schmidt

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: January 14, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

John J. Calver
Authorized Instructor

John J. Calver
Authorized Instructor

John J. Calver
Authorized instructor



Certificate of Completion

presented to

Bob Schmidt

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: January 15, 2019
Location: Baton Rouge, Louisiana

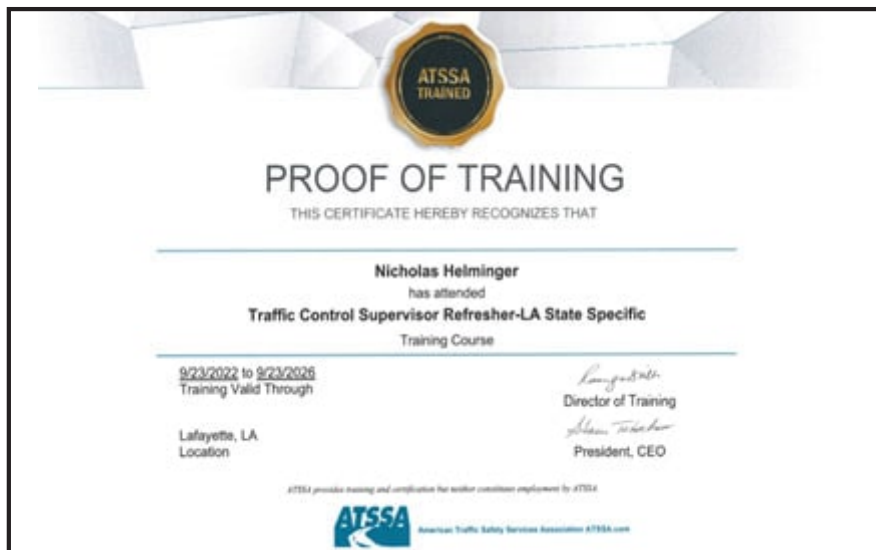
Professional Development
Hours (PDHs) Awarded: 3

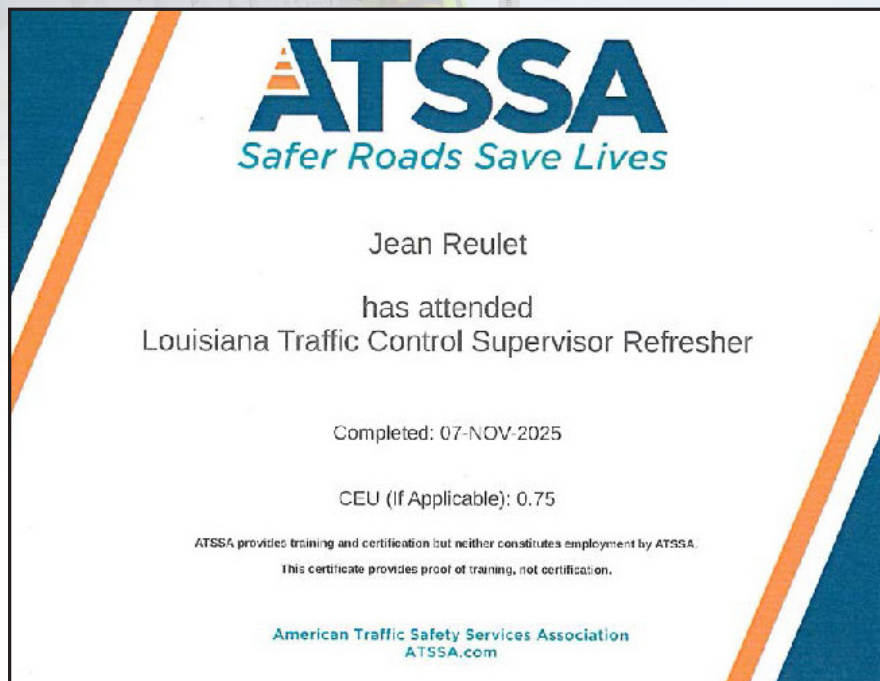
John J. Calver
Authorized Instructor

John J. Calver
Authorized Instructor

John J. Calver
Authorized instructor







Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: June 4, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 4

John J. Colvins
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Brumfield
Authorized instructor



Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: June 11, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 4

John J. Colvins
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Brumfield
Authorized instructor



Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: September 10, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

John J. Colvins
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Brumfield
Authorized instructor



The Transportation Professional Certification Board

Certifies that

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

successfully holds the Professional Traffic Operations Engineer® certification

Original Certification Date: 9/9/2009

Certification Valid Through: 9/9/2027

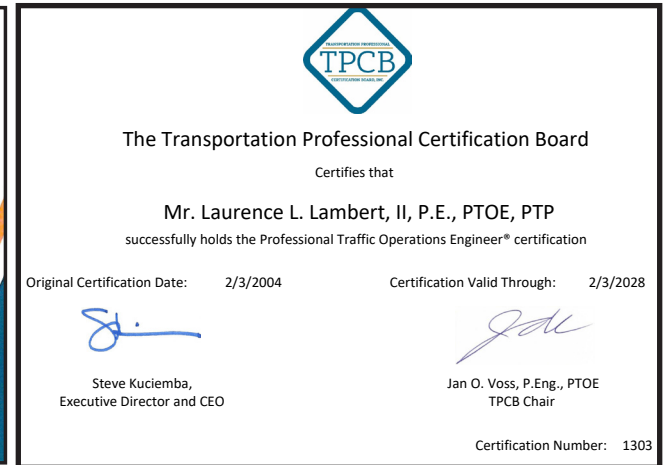
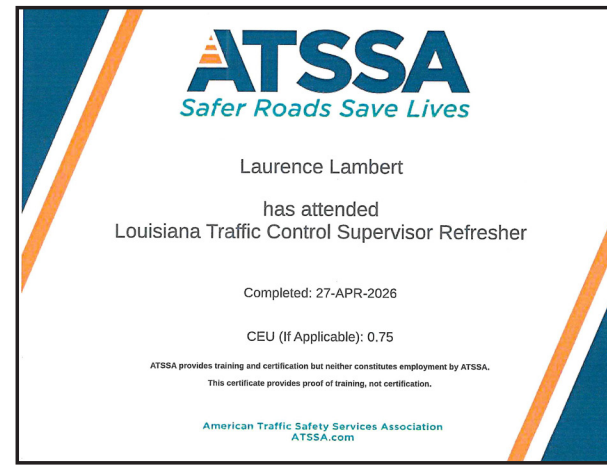
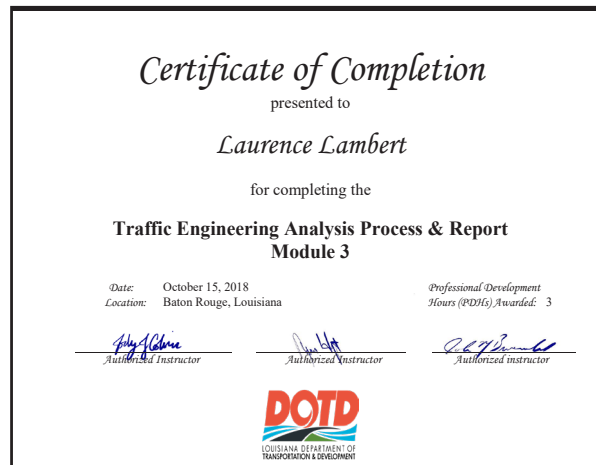
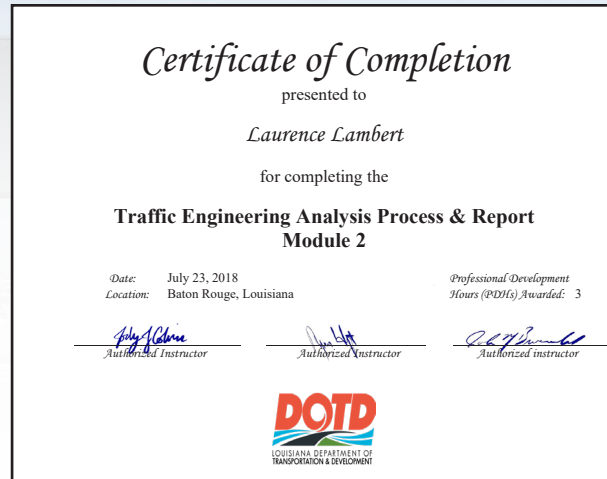
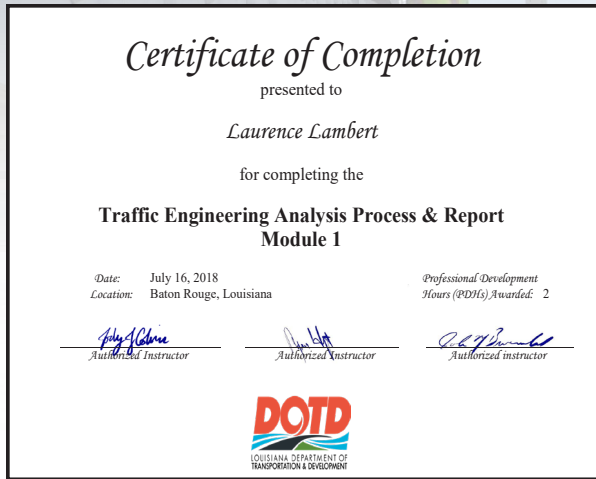
Steve Kuciamba

Steve Kuciamba,
Executive Director and CEO

Joseph C. Balskus

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

Certification Number: 932





U.S. Department
of Transportation
**Federal Highway
Administration**

National Highway Institute



Certificate of Training

Lucas Watkins

has participated in

FHWA - NHI Course No. 142005

NEPA and the Transportation Decision-making Process (3 Days)

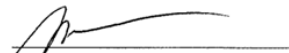
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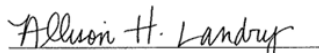
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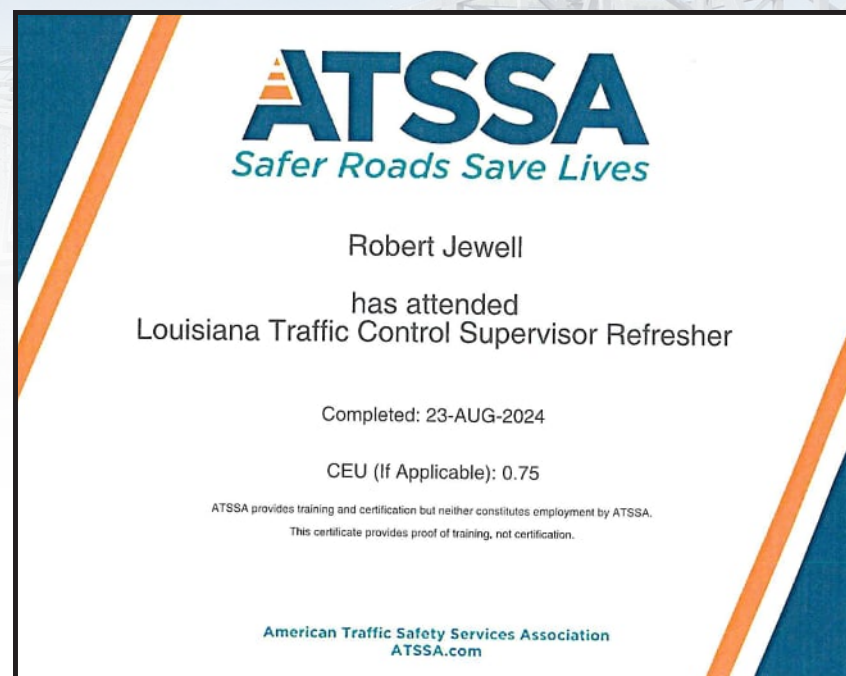
Date: December 8-10, 2015

Hours of Instruction: 18

Location: Baton Rouge, LA


Instructor


Local Coordinator



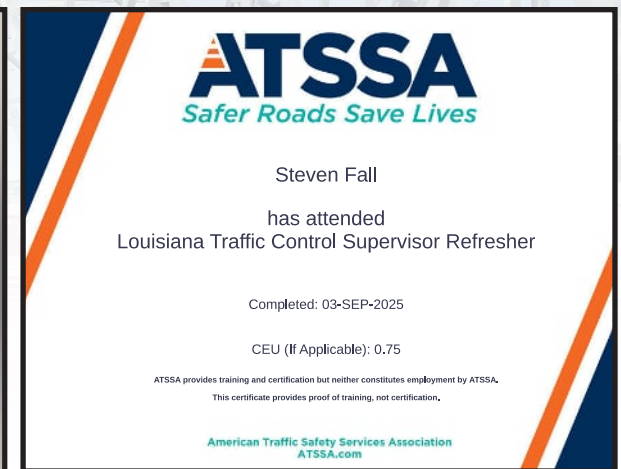


Flagger Verification Search

SEARCH →

Search Results

NAME	STATUS	EXPIRATION	PE ID	ATSSA MEMBER ID	TRAINING ASSOCIATION
STEVEN FALL	ACTIVE	08/08/2024	190-57-114963	190-57-114963	LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



*The final certification card has not yet been received. We are awaiting the updated copy in the mail; however, the ATSSA website confirms the status, as shown above.

Section left intentionally blank.

22. SUBCONSULTANT INFORMATION

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and Email Address	Phone Number
Huval & Associates, Inc.	922 W. Pont Des Mouton Rd., Lafayette, LA 70507	Colby Guidry, PE Cguidry@huvalassoc.com	337-234-3798
T. Baker Smith, LLC	412 South Van Avenue, Houma, LA 70363	TJ Stokes, PE tj.stokes@tbsmith.com	225-505-6739
Vectura Consulting Services, LLC	PO Box 14269, Baton Rouge, LA 70898	Brin Ferlito bferlito@vecturacs.com	225-223-6685
ELOS Environmental, LLC	607 W. Morris Avenue Hammond, LA 70403	Lucas Watkins lwatkins@elosenv.com	985-662-5501
Ardaman & Associates, Inc.	8008 South Orange Avenue, Orlando, FL 32809	Robb E. Jewell, PE / rjewell@ardaman.com	225-752-4790
Bridge Diagnostics, Inc.	740 S. Pierce Ave., Unit 15, Louisville, CO 80027	Steven Fall, PE stevenf@bditest.com	504-874-1042

State of Louisiana
Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

Name
HUVAL & ASSOCIATES, INC.

Type
Business Corporation

City
LAFAYETTE

Status
Active

Previous Names

Business: HUVAL & ASSOCIATES, INC.

Charter Number: 343519490

Registration Date: 3/21/1990

Domicile Address
922 W. PONT DES MOUTON RD.
LAFAYETTE, LA 70507

Mailing Address
C/O DAVID S. HUVAL, SR.
922 W. PONT DES MOUTON RD.
LAFAYETTE, LA 70507

Principal Office Address
922 W. PONT DES MOUTON RD.
LAFAYETTE, LA 70507

Status
Status: Active
Annual Report Status: In Good Standing
File Date: 3/21/1990
Last Report Filed: 3/5/2026
Type: Business Corporation

Registered Agent(s)

Agent: MARK H. HUVAL
Address 1: 922 W. PONT DES MOUTON RD.
City, State, Zip: LAFAYETTE, LA 70507
Appointment Date: 3/21/1990

Agent: DAVID S. HUVAL, JR.
Address 1: 922 W. PONT DES MOUTON RD.
City, State, Zip: LAFAYETTE, LA 70507
Appointment Date: 3/21/1990

5/6/26, 9:32 AM Commercial - Search

Address 1: 922 W. PONT DES MOUTON RD.
City, State, Zip: LAFAYETTE, LA 70507
Appointment Date: 3/21/1990

Officer(s) Additional Officers: No

Officer: DAVID S. HUVAL, SR.
Title: President, Director
Address 1: 922 W. PONT DES MOUTON RD.
City, State, Zip: LAFAYETTE, LA 70507

Officer: DAVID S. HUVAL, JR.
Title: Secretary/Treasurer, Director
Address 1: 922 W. PONT DES MOUTON RD.
City, State, Zip: LAFAYETTE, LA 70507

Officer: THOMAS M. GATTLE, III
Title: Director
Address 1: 922 W. PONT DES MOUTON RD.
City, State, Zip: LAFAYETTE, LA 70507

Officer: COLBY JOHN GUIDRY
Title: Vice-President
Address 1: 922 W. PONT DES MOUTON ROAD
City, State, Zip: LAFAYETTE, LA 70507

Amendments on File (10)

Description	Date
Disclosure of Ownership	6/25/1996
Disclosure of Ownership	4/9/1998
Disclosure of Ownership	3/8/1999
Disclosure of Ownership	3/12/2002
Disclosure of Ownership	8/16/2002
Disclosure of Ownership	1/24/2013
Appointing, Change, or Resign of Officer	1/24/2013
Appointing, Change, or Resign of Officer	2/15/2013
Disclosure of Ownership	9/2/2014
Appointing, Change, or Resign of Officer	8/21/2017

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225.925.4704

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

Name
T. BAKER SMITH, LLC

Type
Limited Liability Company

City
HOUMA

Status
Active

Previous Names
T. BAKER SMITH, L.L.C. (Changed: 3/23/2011)
T. BAKER SMITH, INC. (Changed: 12/13/2010)
T. BAKER SMITH & SON, INC. (Changed: 4/20/2005)

Business: T. BAKER SMITH, LLC

Charter Number: 26901340K

Registration Date: 1/7/1965

Domicile Address
412 SOUTH VAN AVENUE
HOUMA, LA 70363

Mailing Address
P.O. BOX 2266
HOUMA, LA 70361

Status
Status: Active
Annual Report Status: In Good Standing
File Date: 1/7/1965
Last Report Filed: 12/8/2025
Type: Limited Liability Company

Registered Agent(s)

Agent: KENNETH W. SMITH
Address 1: 412 SOUTH VAN AVENUE
City, State, Zip: HOUMA, LA 70363
Appointment Date: 10/29/2001

Officer(s) Additional Officers: No

Officer: KENNETH W. SMITH
Title: Manager
Address 1: 412 SOUTH VAN AVENUE
City, State, Zip: HOUMA, LA 70363

22. SUBCONSULTANT INFORMATION CONT.

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

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

Previous Names

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

Domicile Address

4467 BLUEBONNET BLVD.
SUITE A
BATON ROUGE, LA 708099639

Mailing Address

PO BOX 14269
BATON ROUGE, LA 70898

Status

Status: Active
Annual Report Status: In Good Standing
File Date: 8/24/2015
Last Report Filed: 7/30/2025
Type: Limited Liability Company

Registered Agent(s)

Agent:	SHEELAGH BRIN FERLITO
Address 1:	4467 BLUEBONNET BLVD
Address 2:	SUITE A
City, State, Zip:	BATON ROUGE, LA 708099639
Appointment Date:	8/15/2018

Officer(s)

Additional Officers: No

Officer:	SHEELAGH BRIN FERLITO
Title:	Manager
Address 1:	4467 BLUEBONNET BLVD
Address 2:	SUITE A
City, State, Zip:	BATON ROUGE, LA 708099639

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

Name	Type	City	Status
ELOS ENVIRONMENTAL, LLC	Limited Liability Company (Non-Louisiana)	WILMINGTON	Active

Previous Names

Business: ELOS ENVIRONMENTAL, LLC
Charter Number: 45643772Q
Registration Date: 10/19/2023

Domicile Address

1209 ORANGE STREET
WILMINGTON, DE 19801

Mailing Address

607 W MORRIS AVE
HAMMOND, LA 70403

Principal Business Office

607 W MORRIS AVE
HAMMOND, LA 70403

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

607 W MORRIS AVE
HAMMOND, LA 70403

Status

Status: Active
Annual Report Status: In Good Standing
Qualified: 10/19/2023
Last Report Filed: 9/19/2025
Type: Limited Liability Company (Non-Louisiana)

Registered Agent(s)

Agent:	C T CORPORATION SYSTEM
Address 1:	3867 PLAZA TOWER DR.
City, State, Zip:	BATON ROUGE, LA 70816
Appointment Date:	10/19/2023

22. SUBCONSULTANT INFORMATION CONT.

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

Name	Type	City	Status
ARDAMAN & ASSOCIATES, INC.	Business Corporation (Non-Louisiana)	ORLANDO	Active

Previous Names

Business: ARDAMAN & ASSOCIATES, INC.
Charter Number: 34396031F
Registration Date: 12/13/1991
Domicile Address

8008 SOUTH ORANGE AVENUE
ORLANDO, FL 32809

Mailing Address

3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Principal Business Office

8008 SOUTH ORANGE AVENUE
ORLANDO, FL 32809

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

316 HIGHLANDIA DR.
BATON ROUGE, LA 70816

Status

Status: Active
Annual Report Status: In Good Standing
Qualified: 12/13/1991
Last Report Filed: 11/13/2025
Type: Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent:	C T CORPORATION SYSTEM
Address 1:	3867 PLAZA TOWER DR.
City, State, Zip:	BATON ROUGE, LA 70816
Appointment Date:	12/13/1991

State of
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COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
BRIDGE DIAGNOSTICS, INC.	Business Corporation (Non-Louisiana)	LOUISVILLE	Active

Previous Names

Business: BRIDGE DIAGNOSTICS, INC.
Charter Number: 40760203F
Registration Date: 2/27/2012
Domicile Address

740 S PIERCE AVE
UNIT 15
LOUISVILLE, CO 80027

Mailing Address

4300 S I-10 SERVICE RD W
SUITE 210
METAIRIE, LA 70001

Principal Business Office

740 S PIERCE AVE
UNIT 15
LOUISVILLE, CO 80027

Registered Office in Louisiana

8550 UNITED PLAZA BUILDING II, STE. 305
BATON ROUGE, LA 70809

Principal Business Establishment in Louisiana

4300 S I-10 SERVICE RD W
SUITE 210
METAIRIE, LA 70001

Status

Status: Active
Annual Report Status: In Good Standing
Qualified: 2/27/2012
Last Report Filed: 2/16/2026
Type: Business Corporation (Non-Louisiana)



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