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Proposal for Engineering and Related Services

# Kings Hwy: Healthcare & Dev. Corridor

## Caddo Parish

Entity Contract No. 4400030630
State Project No. H.015724.5
Federal Aid Project No. H015724

Submitted by:
**AECOM Technical Services, Inc.**

Delivering a better world

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

Department of Transportation and Development
1201 Capitol Access Road
Baton Rouge, LA, 70802

November 21, 2024

City of Shreveport
505 Travis Street
Shreveport, LA 71101

**Ref: State Project Number: H.015724.5, Kings Highway; Healthcare and Development Corridor**

Dear Members of the Selection Committee:

I am writing on behalf of AECOM Technical Services, Inc. to formally submit our proposal for the Kings Highway Roadway and Bus Rapid Transit Project. We are excited about the opportunity to collaborate with the City of Shreveport and the DOTD to enhance the transportation infrastructure that is vital for the growth and development of our community.

Shreveport stands at a pivotal moment in its evolution, and the continued development of the Healthcare and Development Corridor is key to the City's success. This area is not only a hub for healthcare services but also a catalyst for economic growth, attracting new businesses and residents. The RAISE-grant funded project aims to improve connectivity and accessibility, greatly enhancing pedestrian safety and the overall quality and attractiveness of the corridor. The Bus Rapid Transit (BRT) elements of the project are also crucial to achieving local goals. The BRT system will complement other recent SporTran improvements, such as the On-Demand service, the new Umo app, and the 400 new shelters recently received.

AECOM brings a wealth of experience in infrastructure development. Our team is committed to delivering innovative solutions that prioritize sustainability, safety, and efficiency. We have over 200 staff in the state, with personnel in Shreveport and major offices in Baton Rouge and New Orleans. We have partnered with several firms to create a dream team for this project. ATG will be our subcontractor, having already completed safety studies and active transportation plans relevant to the corridor. We have previously worked in Shreveport with EJES and look forward to collaborating with them again, benefiting from their deep local knowledge.

We have had the privilege of completing various transportation projects in Shreveport and the surrounding area. Our team enjoys good relationships with the staff at the City, Caddo Parish, and SporTran. We have provided planning, design, and other support to the DOTD every year since well before the merger of AECOM and URS. In 2022, we helped the DOTD win a national award for community engagement. In addition to our expertise in roadway planning and design, AECOM is the nation's leader in delivering Bus Rapid Transit projects.

We look forward to discussing our proposal in detail and exploring how we can work together to realize Shreveport's vision for the future. Thank you for considering our submission. Please feel free to reach out if you have any questions or require further information.

Sincerely,

**AECOM Technical Services, Inc.**

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

Prime consultant firm name: AECOM

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# Sections 1-11

## Shreveport/ Sportran - Kings Highway RAISE Grant

On behalf of the City of Shreveport and SporTran, ATG completed an analysis of the benefit associated with the costs incurred for the proposed Shreveport Healthcare and Development Corridor Improvements Project. SporTran won a $22 million RAISE grant to fund the project.

ATG's staff studied the area demographics and other data, conceptual design options, roadway and transit effects on the Kings Highway project. They found that the proposed project has a net Benefit Cost Ratio of 1.22. After accounting for all capital costs, the new present value of operations and maintenance costs, and the net present value of all benefits, the benefits exceed the costs. The benefit cost analysis included a sensitivity analysis to examine how the outcome of benefit-cost analysis changes with variations in inputs, assumptions, or the way the analysis is set up. The file BCA Data contains a worksheet to document this analysis based upon changes in BRT ridership against relative project costs, benefits made because of Safety Improvements and Travel Time Savings. The analysis considered four scenarios, including no growth (steady passenger demand) or increase in the number of passengers by 1%, 2%, or 3% annually.

# DOTD FORM: 24-102

(Revised September 17, 2024)

**PROPOSAL TO PROVIDE CONSULTANT SERVICES**

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

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

| | |
|---|---|
| **1. Contract Name** as shown in the advertisement | KINGS HWY: HEALTHCARE & DEV. CORRIDOR CADDO PARISH |
| **2. Contract Number(s)** as shown in the advertisement | 4400030630 |
| **3. State Project Number(s)**, if shown in the advertisement | H.015724.5 (FAP NO. H015724) |
| **4. Prime consultant name** (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)<br>LAPELS No. EF.0002331 |
| **6. Prime consultant mailing address** | 8555 United Plaza Boulevard, Suite 300<br>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 Boulevard, Suite 300<br>Baton Rouge, LA 70809 |
| **8. Name, title, phone number, and email address of prime consultant's contract point of contact** | Jonathan McDowell, PE<br>Associate Vice President<br>(504) 450-9904<br>jonathan.mcdowell@aecom.com |

| | |
|---|---|
| **9. Name, title, phone number, and email address of the official with signing authority for this proposal** | Jonathan McDowell, PE<br>Associate Vice President<br>(504) 450-9904<br>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.<br><br>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. |  <br>Jonathan McDowell, PE, Associate Vice President<br>Signature above shall be the same person listed in Section 9<br><br>November 21, 2024<br>Date<br><br>We acknowledge the following addenda:<br>Addendum No. 1 dated November 1, 2024 |
| **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.** | **Firm(s):** / **Firm(s)' %:**<br>EJES, INC. 10.20%<br>Marrero, Couvillon, & Associates, LLC 2.30%<br>Vectura Consulting Services, LLC 8.50% |

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# Section 12-13


## Cleveland Healthline BRT

The HealthLine was Cleveland's first Bus Rapid Transit (BRT) system, serving the Euclid Avenue Corridor. It connects the two largest regional employment areas and several major health care facilities. AECOM led planning and design of the project. The HealthLine includes seven miles of roadway improvements on Euclid Avenue. These improvements were designed to accommodate pedestrians crossing from parking lots to hospitals, much like on the Kings Highway corridor. Also, like the Kings Highway BRT, the service provided 10-minute headways at peak travel periods.

The Greater Cleveland Regional Transit Authority still provides tours of the project to elected officials, engineers and planners, showcasing the $200 million project. The project was awarded the 'Best' Bus Rapid Transit in North America by the Institute for Transportation & Development Policy and was recognized for having the best return on investment for a transit project, regardless of mode, in the country. The ASCE Infrastructure Report Card, when the project opened, described it as a "Gamechanger" for rapid transit. The project spurred over $9.5 billion in economic development along the Euclid Corridor. The Euclid Avenue BRT serves as a case study in NACTO's Urban Street Design Guide.

**12. Past Performance Evaluation Discipline Table**

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

The only past performance evaluation disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). Remove rows as needed.

| Past Performance Evaluation Discipline(s) | % of Overall Contract | AECOM | Ardaman & Assoc. | Alliance Transportation Group, LLC | EJES, Inc. | NTB Associates, Inc. | Marrero, Couvillon & Assoc. | Vectura Consulting Services, LLC | Each Discipline must total to 100% |
|---|---|---|---|---|---|---|---|---|---|
| Road | 30.00% | 70.00% | 0.00% | 0.00% | 30.00% | 0.00% | 0.00% | 0.00% | **100%** |
| Bridge | 2.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | **100%** |
| Traffic | 18.00% | 30.00% | 0.00% | 55.00% | 0.00% | 0.00% | 0.00% | 15.00% | **100%** |
| Geotech | 3.20% | 4.00% | 96.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | **100%** |
| Survey | 11.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100.00% | 0.00% | 0.00% | **100%** |
| Environmental | 8.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | **100%** |
| Data Collection | 5.80% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100.00% | **100%** |
| Planning | 3.00% | 60.00% | 0.00% | 0.00% | 40.00% | 0.00% | 0.00% | 0.00% | **100%** |
| ITS | 3.00% | 80.00% | 0.00% | 20.00% | 0.00% | 0.00% | 0.00% | 0.00% | **100%** |
| Other - SUE Services | 3.50% | 0.00% | 0.00% | 0.00% | 0.00% | 100.00% | 0.00% | 0.00% | **100%** |
| Other - Roadway Lighting | 2.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100.00% | 0.00% | **100%** |
| Other - Aesthetic Lighting | 1.50% | 80.00% | 0.00% | 0.00% | 0.00% | 0.00% | 20.00% | 0.00% | **100%** |
| Other - BRT Design | 9.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | **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%** | **50.93%** | **3.07%** | **10.50%** | **10.20%** | **14.50%** | **2.30%** | **8.50%** | **100%** |

**13. Firm Size:**

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

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

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

| Firm Name | DOTD Job Classification | Number of Personnel Committed to this Contract | Total number of personnel available in this DOTD Job Classification (if needed) |
|---|---|---|---|
| **AECOM Technical Services, Inc.** | Administrative | 1 | 3 |
| | Cadd Technician | 2 | 4 |
| | Engineer | 3 | 4 |
| | Engineer Intern | 5 | 8 |
| | Principal | 1 | 2 |
| | Senior Technician | 2 | 4 |
| | Supervisor – Eng | 5 | 6 |
| | Supervisor – Other | 1 | 3 |
| **Ardaman & Associates, Inc.** | Administrative | 1 | 1 |
| | Clerical | 1 | 2 |
| | Engineer | 2 | 4 |
| | Engineer Intern | 3 | 6 |
| | Principal | 2 | 2 |
| | Senior Technician | 7 | 9 |
| | Supervisor – Eng | 3 | 3 |
| | Supervisor – Other | 2 | 2 |
| | Technician | 10 | 14 |
| **Alliance Transportation Group, LLC** | Planner | 5 | 23 |
| | Engineer | 1 | 5 |

| Firm Name | DOTD Job Classification | Number of Personnel Committed to this Contract | Total number of personnel available in this DOTD Job Classification (if needed) |
|---|---|---|---|
| **EJES INCORPORATED** | Engineer | 3 | 5 |
| | Engineer Intern | 2 | 4 |
| | Inspector | 2 | 2 |
| **Marrero, Couvillon & Associates, L.L.C.** | Supervisor-Eng | 2 | 2 |
| | Engineer | 2 | 3 |
| **NTB Associates, Inc.** | Principal | 1 | 1 |
| | Engineer | 0 | 1 |
| | Surveyor | 5 | 7 |
| | Supervisor - Other | 1 | 3 |
| | Senior Technician | 0 | 1 |
| | CADD Technician | 1 | 6 |
| | Technician | 1 | 2 |
| | CADD Drafter | 2 | 6 |
| | Party Chief | 4 | 19 |
| | Instrument Man | 4 | 7 |
| | Rodman | 4 | 7 |
| **Vectura Consulting Services, LLC** | Supervisor-Eng | 2 | 2 |
| | Engineer | 3 | 3 |
| | Engineer Intern | 0 | 2 |
| | Senior Technician | 0 | 2 |
| | Supervisor-Other | 0 | 1 |
| | Technician | 0 | 1 |
| | Clerical | 0 | 1 |

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# Sections 14-15

## University Medical Center, Site Development and Design

AECOM (then URS) provided management, site-civil, paving/grading, and utility design and coordination for a new University Medical Center for the State of Louisiana, in downtown New Orleans, to replace the services previously provided at the Charity Hospital. Key to the district's success was a well connected, accessible site with enhanced pedestrian crossings, bus and streetcar access. The AECOM team coordinated among architects, landscape architects, utility companies, engineers, planners, the City, and State agencies. AECOM also provided construction management services, permitting support, coordination of work from other packages (IT, security, parking garage) and provided assistance and support in the bid phase.

# Louisiana Department of Transportation and Development

**PRINCIPAL-IN-CHARGE**
Mike Patorno, PE 1

**PROJECT MANAGER**
Jonathan McDowell, PE 2,3

**SENIOR ADVISORS**
JD Allen, AICP, WSO-CSSD, TSSP-Rail/Bus, PTSCTP (**D**)
Tim Simon

## BUS RAPID TRANSIT PLANNING
Christopher Lau, PE, MBA*

### Station and Route Planning
Matthew Ables, AICP
Dani Madubuike, AICP, ENV SP

### BRT Design
Christopher Lau, PE, MBA*
Joshua Phillips
Jonathan McDowell, PE 2,3

### BRT Station Design and TOD
Stephen Bokken
Kelly Gillman
Christian Lynn, PLA, ASLA

### ITS/ TSP/EVP
Dan Nelson, AICP

### Transit & Transportation Planning
Mike Chaney, AICP (**D**)
Colin Ash, AICP (**D**)

## ROADWAY DESIGN AND COMPLETE STREETS
Jonathan McDowell, PE 2,3

Greg Trahan, PE, $RSP_1$ 3
Oscar Avila
Will Fullilove, EI
Corey Serignea

### Utilities
Edwin B. Jones, PE, MBA (**E**)
Tanita Gilbert-Baker, PE, MBA (**E**)
Shirley D. Wilson, EI (**E**)
Bryan K. Joseph, EI (**E**)
Nicholas LaValla, PE (**E**)

### Drainage
Sreeni Bollu, PE
Tanita Gilbert-Baker, PE MBA (**E**)
Bryan K. Joseph, EI (**E**)

### Complete Streets/Bicycle
Derek Chisholm, AICP, ENV SP
Kelly Duggan, AICP

### Landscape Architecture
Christian (Chris) Lynn, PLA, ASLA
Keith Villere, FASLA

### Lighting Design
M. Kimball Schlafly, PE (**M**) 7
Christian Schade, PE (**M**) 7
Greg Reilly, PE 7

### Structural Design
Daniel Boyd, PE, CBI 8

## TRAFFIC OPERATIONS AND SAFETY
Peter Bakhit, PhD, PE, PTOE 6
Kordel Braley, PE, PTOE 6

### Traffic Analysis/Simulation
Brandon Perilloux, PE, PTOE, $RSP_1$ (**D**) 6

### Traffic & Pedestrian Safety
Ellen Soll, AICP (**D**)
Ed Elam, AICP, PTP, TSSP-Rail, PTSCTP (**D**)
Ramya Rayapureddy
Greg Trahan, PE, $RSP_1$ 3

### Traffic Data Collection
Kristen Farrington, PE, PTOE, $RSP_1$ (**V**) 6
Laurence Lambert, PE, PTOE, PTP (**V**) 6
Reece Rodrigue, PE, PTOE, $RSP_1$ (**V**) 6

### Benefit Cost Analysis
Anne Watkins
Greg Trahan, PE, $RSP_1$ 3

**Legend**

| | |
|---|---|
| (#) | MPR Staff |
| (**A**) | Ardaman & Associates, Inc. |
| (**D**) | Alliance Transportation Group, LLC |
| (**E**) | EJES |
| (**M**) | Marrero, Couvillon & Associates, LLC |
| (**N**) | NTB Associates, Inc. |
| (**V**) | Vectura Consulting Services, LLC |
| * | PE Not Registered in LA |

## SIGNAL DESIGN/TSP/EVP
Brandon Perilloux, PE, PTOE, $RSP_1$ (**D**) 6

Dan Nelson, AICP
Reece Rodrigue, PE, PTOE, $RSP_1$ (**V**) 6
Sheelagh Brin Ferlito, PE, PTOE (**V**) 6

## PUBLIC ENGAGEMENT
Abby Tomlinson

Derek Chisholm, AICP, ENV SP
Kelly Duggan, AICP
Frances Leigh Jordan, JD
Shirley D. Wilson, EI (**E**)

## OTHER SUPPORT SERVICES

### Survey
Bryan T. Bunch, PLS (**N**) 5
Patrick C. Staiano, PLS (**N**) 4
Mike King, PLS (**N**)
Iniko Jack (**N**)
Will Wales (**N**)
TJ Sitton (**N**)
Chris Harlan, PLS, EI (**N**)
Grant Gilleon, PLS (**N**)

### Subsurface Utility Engineering (SUE)
Amy Schulze, PE (**N**)
Iniko Jack (**N**)
Belton Davis, Jr. (**N**)
Captayn Chapman (**N**)
Cameron Higginbotham (**N**)
Adam King (**N**)
Chris Harlan, PLS, EI (**N**)

### Geotechnical
Ross McGillivray, PE (**A**)
Megan Bourgeois, PE (**A**)
Robert Jewell, PE (**A**)
Jessica N. Litt (**A**)

### Cost Estimation
Greg Trahan, PE, $RSP_1$ 3
Kevin Sheahen, PE, CPE*

## OTHER SUPPORT SERVICES

### Environmental and Permitting Services
Derek Chisholm, AICP, ENV SP
Jonathan Vavasseur, PWS
Shelley Hartsfield, MA
Zoe Knesl

**15. Minimum Personnel Requirements**

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

| MPR No. | Personnel being used to meet the MPR | Firm employed by | Type of license and discipline meeting MPR/certification & number | State of license | License/certification Expiration Date |
|---|---|---|---|---|---|
| 1 | Michael Patorno, PE | AECOM | PE/Civil/PE.0024197 | LA | 09/03/2025 |
| 2 | Jonathan McDowell, PE | AECOM | PE/Civil/PE.0030508 | LA | 03/31/2025 |
| 3 | Jonathan McDowell, PE | AECOM | PE/Civil/PE.0030508 | LA | 03/31/2025 |
| 3 | Gregory Trahan, PE, $RSP_1$ | AECOM | PE/Civil/PE.0036041 | LA | 03/31/2025 |
| 4 | Patrick C. Staiano, PLS | NTB Associates, Inc. | PLS/Survey/# 5130 | LA | 09/30/2025 |
| 5 | Bryan T. Bunch, PLS | NTB Associates, Inc. | PLS/Survey/# 5014 | LA | 03/31/2026 |
| 6 | Kordel Braley, PE, PTOE | AECOM | PE/Civi/PE.47329<br>PTOE # 3173 | LA | 03/31/2025 |
| 6 | Brandon Perilloux, PE, PTOE | Alliance Transportation Group, LLC | PE/Civi/PE.39968<br>PTOE # 4432 | LA<br>USA | 03/31/2026<br>03/18/2027 |
| 6 | Sheelagh Brin Ferlito, PE, PTOE | Vectura Consulting Services, LLC | PE/Civi/PE.0025383 | LA | 9/30/2025 |
| 6 | Laurence Lambert, PE, PTOE, PTP | Vectura Consulting Services, LLC | PE/Civi/PE.0029901 | LA | 3/31/2026 |
| 6 | Reece Rodrigue, PE, PTOE, RSP1 | Vectura Consulting Services, LLC | PE/Civi/PE.0042074 | LA | 03/31/2026 |
| 6 | Kristen Farrington, PE, PTOE, RSP1 | Vectura Consulting Services, LLC | PE/Civi/PE.42785 | LA | 3/31/2025 |
| 7 | Greg Reilly, PE | AECOM | PE/Electrical/PE.0047409 | LA | 03/31/2025 |
| 7 | M. Kimball Schlafly, P.E | Marrero, Couvillon, & Associates, LLC | PE/Electrical/PE# 27699 | LA | 09/30/2026 |
| 7 | Christian Schade, PE | Marrero, Couvillon, & Associates, LLC | PE/Electrical and Computer/PE # 32483r | LA | 09/30/2026 |
| 8 | Daniel Boyd, PE | AECOM | PE/Civil/PE.0036728 | LA | 03/31/2026 |

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# Section 16

## Madison's East-West BRT

In 2018, the City of Madison hired AECOM to advance Madison's priority corridor for BRT investment. Major decision points for the City and project stakeholders included various guideway designs, active transportation recommendations, different safety countermeasures, environmental analyses, and station area analyses.

AECOM began the 30% design in 2020 and moved forward into 60% design in 2021. The project, which will operate using 60-foot electric buses.Rehired as a result of a strong working relationship and unparalleled qualifications, AECOM has just submitted 30% Design on the agency's North-South Corridor. The line will run from the Central Wisconsin Center in north Madison, through downtown Madison and part of the University of Wisconsin-Madison (UW) campus, before terminating in the City of Fitchburg. This route will serve 33 stations, 10 of which will be shared with the East-West BRT (currently under construction) in the downtown and UW campus area.

## 16. Staff Experience

| Firm | AECOM Technical Services, Inc. | | |
|---|---|---|---|
|  **Jonathan McDowell, PE *(MPR 2 & 3, Project Manager, Roadway Design)*** Associate Vice President | | Years of Relevant Experience with this Employer | 22 |
| | | Years of Relevant Experience with Other Employer(s) | 6 |
| Degree(s)/Years/Specialization | BS/1996/Civil Engineering | | |
| Active Registration Number/State/ Expiration Date | PE.0030508/LA/03.31.2025<br>Additional active licenses: PE: TX, MS, AR; ATSSA Traffic Control Supervisor – LA State Specific (2023/Exp. 2027); LADOTD Traffic Process and Report Parts 1, 2 and 3 (2018); FHWA-NHI-142005 NEPA and Transportation Decision-Making (2011); AASHTO Highway Safety Manual (2013) | | |
| Year Registered | 2003 | Discipline | Civil Engineering |
| Contract Role(s)/Brief Description of Responsibilities | **MPR 2, & 3, Project Manager, Road/Drainage Design, MOT.** *Jonathan has served as a principal, project manager, and project engineer for a wide variety of transportation and public infrastructure projects in Louisiana and throughout the southeastern U.S. His roles have included Stage 0 studies, NEPA EAs and EISs, preliminary and final plan development, construction contract administration, and construction engineering and inspection for highway and public infrastructure projects. Design projects have included interstate highways, urban and rural roadways, embedded streetcar tracks, bicycle & pedestrian facilities, ADA accessible routes, Streetcar/Bus stations design, railroads, drainage canals and culverts, and intermodal yard and port security improvements. Through his experience, he has the understanding of the project delivery process required to bring a transportation project from an idea to a built reality.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
|---|---|
| 10/20-Present | **City of Baton Rouge/Parish of East Baton Rouge, College Drive Improvements (Perkins Rd to Bawell St), Baton Rouge, LA.** *Project Manager and Road Design Task Manager.* Proposed alternatives to enhance the mobility of all user modes on College Drive and within the adjacent urban network of streets. The selected alternative includes a program of up to 9 projects to improve connectivity and pedestrian safety between the adjacent residential community and the commercial development and to reduce congestion through a more efficient corridor and street network plan using access management solutions and interchange ramp improvements. The selected alternative will progress into a program of final design packages. Designed a relocated bus stop considering bus operations and ADA accessibility. |
| 12/08-07/20 | **LADOTD Environmental Assessment for Improvements to the Red River Bridge at Jimmie Davis Highway, LA Hwy 511, Bossier Parish, Louisiana (SPN No 700-H.001779).** *Lead road design engineer.* Proposed alternatives for capacity improvements and a bicycle and pedestrian accommodations to the LA 511 bridge crossing of the Red River. Co-authored the purpose and need statement and project design criteria. Proposed geometric alternatives for the bridge, roadway approaches, and interchange ramps on each side of the bridge. Developed a median U-turn (superstreet) alternative for LA 511 east of the Red River. |
| 03/09 – 06/10 | **BioDistrict Master Plan, GNOBEDD, New Orleans, LA.** *Project Engineer.* Reviewed transportation plan alternatives and created order of magnitude cost estimates for a master plan for a major redevelopment of 40 blocks within the Mid-City neighborhood to a planned medical district. Alternatives included traffic calming techniques, road diets, pedestrian and transit accommodations and reconfiguration of access to and within the district based on smart growth principles. |

| | |
|---|---|
| 10/11-07/16 | **Canal to UPT and Rampart St Rail Expansion Project, Regional Transit Authority, New Orleans, Louisiana.** *Project Manager and Infrastructure Task Leader.* Prepared final contract drawings and specifications for two corridors: a 0.8 mi (1.6 track miles) segment through the CBD within a 100 day contract period and a 1.5 mi (3.0 track miles) of streetcar track along the edge of the French Quarter within a 160 day contract period. Developed a MOT plan along Canal Street for a 30-day closure of the intersection of Rampart Street and Canal Street to install the half grand union special trackwork and associated utility installations. Prepared permanent striping plans which included shared streetcar lanes and dedicated bicycles lanes in compliance with the City's Complete Streets Ordinance. Prepared the initial version of the SWPPP; confirmed ADA accessibility, specified protection and restoration of public art; led design team and client meetings; managed the SUE test hole plan and conflict matrix for over 450 test holes; provided project management and construction administration services. |
| 07/15 – Present | **LADOTD, I-49 Connector, Lafayette Regional Airport to I-10/I-49/US 167 Interchange, (SP No. H.004273.5), Lafayette Parish, LA.** *Project Manager, Leadership Team Member, and Railroad Coordination and Alignment Modifications Task Manager.* NEPA Supplemental EIS and Design of a 5-mile urban freeway corridor and modifications to the existing street network. Participated in the Context Sensitive Solutions and public information process that occurred concurrently with the environmental process. Coordinated design activities with the railroads including strategies to avoid or mitigate railroad tracks. Reviewed documents prior to submittal to railroad. Led meetings between the design team, DOTD and the railroad companies. Reviewed the Draft SEIS document and provided project management for my firm. |
| 10/21-Present | **Preliminary Port of New Orleans, Design for Relocation of LA 39 and for Terminal Access Roads and Interchange Improvements to LA 46 for the Development of the Louisiana Intermodal Terminal, Violet, LA.** *Deputy Project Manager.* Deputy Project Manager and Project Engineer for preliminary design of the full intermodal container yard facility along the Mississippi River near Violet, Louisiana. Provided conceptual design for the relocation of and Complete Streets improvements to St Bernard Highway (LA 46) which included a new highway overpass over the yard lead railroad track and the addition of a folded diamond interchange between LA 39 and the new port access boulevard to the terminal gate. Jonathan developed the conceptual layout for the container terminal internal road plans and developed the geometric design of the wharf ramps. Provided geometric design for the relocation of the mainline Norfolk Southern railroad and the yard lead tracks, intermodal railroad yard tracks, and the support yard tracks. Led completion of the 30% Plans for the external road improvements. Leading the permitting process for DOTD and Railroad Right-Of-Way permits. |
| 9/17-Present | **Coastal Restoration and Protection Authority of the State of Louisiana, LA 23 Over Mid-Barataria Sediment Diversion, (SP No BA-0153), Plaquemines Parish, LA.** *Task Manager and Lead Transportation Engineer.* Led the relocation of LA 23 and the NOGC Railroad tracks across the proposed sediment diversion. Designed a plan to reuse the existing highway as service roads along LA 23. AECOM is the lead design development team for the $1.5 billion CMAR project. The rail improvements provide for the extension of track across the diversion channel intake structure which would feature a moveable span for canal maintenance and approximately 10,000 feet of new railroad track. The highway improvements will include a 2,300-foot-long bridge structure that will carry two lanes in each direction with shoulders. |
| 8/12-07/14 | **Stage 0 Feasibility Study and Report, Johnston Street Study (US 167), LADOTD, Lafayette Parish, LA (H.009997.1).** *Task Manager.* Analyzed crash data to identify trends and suggest countermeasures for development of alternatives to improve safety within the corridor of an urban arterial with heavy bicycle traffic. Evaluated the proposed alternatives using Crash Modifications Factors provided in Part D of the H |
| 06/13–10/14 | **Stage 0 Feasibility Study and Report, Williams Boulevard, LADOTD, Jefferson Parish, LA (H.010570.1).** *Task Manager.* Analyzed crash data to identify trends and suggest countermeasures to develop alternatives to improve safety within the corridor by converting a five lane urban arterial to a four lane road with bike lanes. Evaluated the proposed alternatives using the Predictive Method outlined in Part C of the Highway Safety Manual. Determined benefit costs for each alternative to evaluate the alternatives. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Michael D. Patorno, PE, CPM *(MPR 1, Principal-in-Charge)*** Vice President | | Years of Relevant Experience with this Employer | 29 |
| | | Years of Relevant Experience with Other Employer(s) | 12 |
| Degree(s)/Years/Specialization | BS/1983/Civil Engineering | | |
| Active Registration Number/State/Expiration Date | PE.0024197/LA/9.21 | | |
| Year Registered | 1991 | Discipline | Civil Engineer |
| Contract Role(s)/Brief Description of Responsibilities | **MPR 1, Principal–in–Charge.** *Michael is a Professional Engineer with extensive experience as a Program and Operations Manager overseeing the planning, designs and construction of a range of civil projects including levees, flood protection, roadway, bridges, major canals, Ports and Harbors, mechanical and civil design of drainage pumping stations, sewer facilities, and utility relocation work. He has also worked on various alternative delivery programs varying in size and complexity working with all teams including the financial, engineering and construction sides of the house to facilitate very large programs with multiple groups across the AECOM family.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 03/08–10/12 | **USACE, Indefinite Delivery Order for General Design Services for New Orleans District, New Orleans, LA.** *Program Manager.* Managed all civil/structural design components on a variety of projects throughout the District including Melville Ring Levee, West of Algiers Levees and Pumping Stations, Westminster to Lincolnshire Generator and Drainage Pumping Station as well as a variety of other floodwall and levee programs. |
| 12/07–11/12 | **USACE, Algiers Canal & Flood Protection, Algiers, LA.** This project included the civil, structural and geotechnical designs for over 4.5–miles of levees and floodgates. Floodgates numbered over 17 with spans varying from 30–feet to 68–feet in width and many founded on foundations able to support various cranes utilized by industry located along the corridor of a major levee in Jefferson and Plaquemines Parish. Unique challenges on the project were the large crane loads transferred to the levee and flood gate system by the local industry which services Louisiana's local offshore oil industry. |
| 01/01–12/11 | **Program Management and Engineering Support Services, New Orleans, LA USACE Hurricane Protection Office (HPO).** Directed AECOM's response to this 10–year program to repair and upgrade the City's Hurricane Protection System damaged during hurricane Katrina and Rita. This program included working with the USACE side by side as well as with contractors on design build delivery systems for over $2 Billion dollars in improvements. In a follow–up contract to the Task Force Guardian program to make repairs after Hurricane Katrina, we marketed and were awarded a contract to assist the HPO with providing improvements to the levee system. Three of the projects were ECI, Early Contractor Involvement which is the USACE's CMAR Process for Design Build. |
| 08/05–12/07 | **USACE, Task Force Guardian, Hurricane Katrina Storm Repairs to Levee System New Orleans, LA.** *Program Manager.* Managed multiple task orders simultaneously and completed repairs of thousands of feet of concrete floodwall and levee systems. Provided design and construction oversight services for 29 USACE projects concerning damages to the Orleans Parish Levee System from Hurricanes Katrina and Rita. Managed this very fast–paced project, with the first 17 projects completed and ready for bids within 60 days. Managed a team of over 100 experts in structural, geotechnical, electrical, mechanical, and civil engineering to complete the repairs. Mobilized the management team within 24 hours and the remainder of the team within less than a week from experts in Louisiana and around the country, and in some cases out of the country. Tasks included construction submittal reviews and coordination of construction activities within a total 9–month period. Team won award for performance. |

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| 11/05–02/09 | **USACE–Hurricane Protection Office (HPO) LPV 105–111, New Orleans, LA.** *Program Manager.* In a follow–up contract to the Task Force Guardian program, awarded contract to assist the HPO with providing improvements to the levee system in New Orleans East. Managed all aspects of this $1.3 billion geotechnical investigations, feasibility reports, Engineering Alternatives Reports (EARs), design and plans, and specifications for approximately 30 miles of Hurricane Flood Protection System. Worked closely with the HPO team to investigate cost–effective and workable solutions to meet the short time frame. Managed team using staff from multiple offices to maintain HPO's schedule. |
| 08/05–12/07 | **London Avenue Canal, Interim Closure Structure and Pumping Station, Orleans Parish, LA (Design/CM).** *Program Manager for the design and analysis of a gated closure structure and a 2,000 cfs pumping station and development of a set of plans and specifications.* The project is used to protect outfall canals from surges but permits operation of pumps within the parish during normal rain events. The total project cost was over $50M. (Professional Services completed 2006, Construction Services completed 2007). |
| 08/05–12/07 | **Orleans Avenue Canal, Interim Closure Structure and Pumping Station, Orleans Parish, LA (Design/CM).** *Program Manager for the design and analysis of a gated closure structure and a 1,500 cfs pumping station and development of a set of plans and specifications.* The project is used to protect outfall canals from surges but permits operation of pumps within the parish during normal rain events. Most of this project was designed and built during Task Force Guardian under strict time constraints and therefore significant interaction between the contractor and the designers was required. The total project cost was over $50M. (Professional Services completed 2006, Construction Services completed 2007). |
| 03/98–04/02 | **LADOTD (Design).** *Roadway design and preparation of hydraulic calculations and reports for US Highway 190 in accordance with LADOTD requirements.* Project involves analyzation of cross drains, and roadside subsurface and ditch drainage. Bridge sections and major waterways for a 66–mile section of Highway 190 in St. Tammany Parish for Urban and rural roadways. |

| Firm | AECOM Technical Services, Inc. | | |
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|  **Derek Chisholm, AICP, ENV SP, LEED GA *(Complete Streets and Environmental Support)*** Associate Vice President, Transportation Planning | | Years of Relevant Experience with this Employer | 10 |
| | | Years of Relevant Experience with Other Employer(s) | 21 |
| Degree(s)/Years/Specialization | MPA/1997/Public Affairs; BS/1994/Organizational Management, Environmental Planning; Post-Grad Certificate/2022/Public Policy Implementation | | |
| Active Registration Number/State/Expiration Date | AICP.147159/12.31.2024<br>Additional active license: Leadership in Energy and Environmental Design, Green Associate/#10148303; Envision Sustainable Professional; FHWA-NHI-142005 NEPA and Transportation Decision-Making | | |
| Year Registered | NA | Discipline | American Institute of Certified Planners |
| Contract Role(s)/Brief Description of Responsibilities | **Environmental and Permitting Services; Roadway Design and Hydraulic Engineering Services; Bike/Ped/ Complete Streets.** *Derek is a senior-level NEPA expert and project manager, living in Louisiana, with nearly 30 years of progressive experience. He has managed complex, conceptual planning and NEPA studies for numerous state DOTs, FHWA, and FTA.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| **Public Engagement** | |
| 10/16 – present | **LADOTD, SPN H.004273.5, I-49 Lafayette Connector, Lafayette, LA.** ***Environmental, Public Involvement..*** The team is completing the Functional Plan for the I-49 corridor, which is structured around a context-sensitive solutions (CSS) approach. Derek originally served as the bridge between the public and stakeholder involvement of the CSS process and the environmental team. He set up the comment management system, co-leads the NEPA Task, and is facilitating the Section 106 consultation. He has been leading the break-out reevaluation for the first construction segment, and the development of the award-winning virtual reality open house. *2022 TransComm Award. DOTD received an Interactive Marketing award for the I-49 Lafayette Connector Virtual Reality Room.* |
| 03/2007 -11/2010 | **ODOT HWY 99 Bypass NEPA, Yamhill County, OR.** ***Environmental, Public Involvement.*** Mr. Chisholm oversaw the public involvement efforts related to environmental justice for this major highway project in the rapidly urbanizing northwest Willamette Valley. He coordinated with social service organizations and led a number of outreach events targeting environmental justice communities that included low-income families, migrant farm workers, and others. |
| 02/2009-12/2011 | **EPA Community Involvement Training Conferences Trainer.** ***Environmental, Public Involvement.*** Mr. Chisholm was a trainer at the EPA Pubic Involvement Training Conference, and also used the NCC (see below) in different impact workshops for FHWA projects, as well as planning projects in the US and abroad. |
| 3/2010-4/2011 | **Neighborhood Cohesion Calculator, Nationwide.** ***Environmental, Public Involvement.*** Derek led the development of the methodology for a comparative analysis of the neighborhoods that would potentially be impacted by NEPA project alternatives. Derek transformed the methods into a computer model, capable of weighting numerous evaluation criteria, and assessing the impacts of different alternatives |
| **Multi-modal Safety** | |
| 8/2019 - 11/2022 | **Lakeshore Drive Road Diet and Cycle Track- New Orleans, LA.** ***Pedestrian safety.*** Derek led a team to study pedestrian safety along this prominent Lakeshore arterial roadway in New Orleans. The plan and recommendations were wholehearted adopted. The new roadway now features raised speed-table pedestrian crossings with pedestrian refuges, and a protected, two-way cycle track. |

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| 3/2017-8/2019 | **San Antonio Broadway Reconstruction, San Antonio TX.** ***Pedestrian safety.*** Derek and his colleagues were selected as the Complete Streets designers to completely reconstruct Broadway Street entering downtown San Antonio. Robust pedestrian amenities, a micro-mobility bike station and more are included in the designs. Bike mobility was further accommodated on a parallel route. |
| 3/2021-1/2023 | **National Complete Streets Assessment, Nationwide, FHWA.** ***Pedestrian safety.*** With Derek as the PM, AECOM and the National Complete Streets Coalition led this effort, called for in the IIJA and the related Report to Congress, setting a national baseline for implementation of complete streets in 50 states, Puerto Rico, and Washington DC. |
| 9/2015-11/2016 | **Bourbon Street, Car-Free French Quarter, New Orleans, LA.** ***Pedestrian safety.*** Responding to the threat of vehicular attacks, New Orleans Public Works and Homeland Security asked AECOM to develop plans for a more pedestrian friendly Bourbon Street and the larger French Quarter. Various vehicle prohibition scenarios were developed, modeled, and discussed with the client and stakeholders. Subtasks included identification of vehicle barrier locations, fleet mix prohibitions, conceptual traffic flow analysis, changes to on-street parking policy, and development of new trash hauling and bar/restaurant delivery operations. |
| **Environmental** | |
| 11/17 – 04/20 | **LADOTD, SPN H.001779.2, Jimmie Davis Bridge Supplemental EA, Bossier and Caddo Parishes, LA.** ***Senior Advisor.*** Derek provided quality control review and assisted with complex issues related to bicycling connectivity, Section 4(f) and the final FHWA comments on the preliminary, draft Supplemental Environmental Assessment (EA). |
| 03/14 – 09/16 | **Lafourche Airport Connector Road EA, Port Fourchon, LA.** ***Environmental.*** Lafourche Parish and the Port partnered to provide this important new connection between the Port's upland and coastal facilities. The DOTD had not provided funding for the EA but was collaborating with the Parish and Port on this effort. Derek led the development of the draft preliminary EA, design, and the public and agency coordination tasks. AECOM developed a TIGER Grant application as well. *(H number was not available during project duration)* |
| 10/18 – present | **ADOT I-11 Corridor Alternative Selection Report and Tier 1 Environmental Impact Statement (EIS), AZ.** ***Environmental Justice Senior Advisor.*** This study involves conducting alternatives analysis and preparing a Tier 1 EIS to assess a new 280-mile high-capacity, access-controlled transportation corridor in Arizona. Derek provided guidance and quality control. |
| 05/10 – 08/13 | **ODOT Clackamas River-Springwater Road Bridge, Clackamas, OR.** ***Environmental.*** This project developed and evaluated alternative river crossings in the core of Carver, OR. Derek led the public involvement discussions and aspects of the alternatives analysis. He also led the NEPA process. Issues included direct impacts to many businesses, a low-income manufactured home park, and historic resources. |
| 07/08 – 09/10 | **Portland-Milwaukie Light Rail Project, Willamette River Transit Bridge, Portland OR.** ***Environmental.*** Derek supported the built environment analysis, assisted modestly with the design (elements related to complete streets and the approaches), and worked on a shared environmental justice impact report and mitigation that were caused by a combination of this and other projects requiring the construction of a new facility for the light rail vehicles. *National Honor Award. 2016 (ACEC), Best Highway/Bridge Project Award, 2016. Engineering News-Record (ENR), Northwest. Project of the Year, 2016. American Segmental Bridge Institute (ASBI)* |
| 07/10 – 04/13 | **WSDOT Mukilteo Multimodal Project, Mukilteo, WA.** ***Environmental.*** Derek wrote the socioeconomic technical report, assisted with environmental justice and cultural resource issues, and authored sections of the final documents. The City of Mukilteo and WSDOT worked together to develop solutions for the problems associated with the State ferry landing facilities. *Outstanding Achievement Award. Excellence in Environmental Document Preparation, EIS Category, FTA, 2013* |
| 10/05 – 04/07 | **ODOT Bridges Visual Performance, Oregon, Statewide.** ***Visual Assessment.*** 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. Derek managed the field investigations of over 200 bridges, and prepared visual context data sheets from which each bridge's visual exposure and prominence in the visual environment was assessed. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Gregory Trahan, PE, RSP$_1$ *(MPR 3, Roadway, Ped Safety, Benefit Cost Analysis)***<br>Road Design Engineer | | Years of Relevant Experience with this Employer | 18 |
| | | Years of Relevant Experience with Other Employer(s) | 1 |

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| Degree(s)/Years/Specialization | BS/2005/Civil Engineering | | |
| Active Registration Number/State/ Expiration Date | PE.0036041/LA/03/31/2025 \| RSP1 No. 833 /2025<br>Additional active license: PE: TX, MS<br>ATSSA Traffic Control Supervisor Refresher–LA State Specific (2027) \| LADOTD Traffic Engineering Process and Report Parts 1, 2 and 3 (2018) | | |
| Year Registered | 2011 | Discipline | Civil Engineer |
| Contract Role(s)/Brief Description of Responsibilities | **MPR 3. Road/Drainage Design, MOT Construction Phasing, Safety.** *Gregory will provide road design services, support on any required Safety analysis, and design oversight. He will also support the Project Manager and other design teams by providing Quality Control.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 3/14-6/20 | **LADOTD, I-310/US 90 Interchange Modification Report, (SP No. H.010753.1), St. Charles Parish, LA:** ***Project Engineer.*** Project Engineer for the Environmental Assessment and Interchange Modification Report involving the new alignment of a ramp from US 90 onto I-310. As part of this project Gregory assisted in analyzing design alternatives, traffic data collection (speed and vehicular classification) along the corridor, and crash data. |
| 05/10–02/14 | **LADOTD, Stage 0 Feasibility Study and Report, I-49 Raceland to the West Bank Expressway (26 Stage 0 Reports), (H.005171), Lafourche, St. Charles, and Jefferson Parishes, LA:** ***Project Engineer.*** Project Engineer assisting with developing a program of Stage 0 projects that would provide interim capacity and safety improvements along the US 90 corridor from LA 1 to the current terminus of the elevated portion of the Westbank Expressway. Gregory assisted in conducting field work for environmental inventories, reviewed of crash data, various alignment alternative analysis, and completing cost estimates for alternatives. |
| 09/17 - Present | **Coastal Restoration and Protection Authority of the State of Louisiana, LA 23 Over Mid-Barataria Sediment Diversion, (SP No. BA-0153), Plaquemines Parish, LA:** ***Project Engineer.*** Project Engineer that assisted in the Design Plans for the new bridge and roadway structure over the new sediment diversion. The project consists of a new concrete precast girder bridge, approximately 2,200 feet in length, and the connecting asphalt roadway. Design Plans included Plan and Profile sheets, Drainage Plan and Profile sheets, Sequence of Construction Plans. Gregory assisted in the design of road side drainage, intersection layout, guardrail layout, and Sequence of Construction Plans. There will be multiple construction activities being conducted at one time. The Sequence of Construction is a critical element of design in order to manage traffic and maintain roadway operations. |

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

| Firm | AECOM Technical Services, Inc. | | |
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|  **Anne Watkins**<br>Economist | | Years of Relevant Experience with this Employer | 15 |
| | | Years of Relevant Experience with Other Employer(s) | 0 |
| Degree(s)/Years/Specialization | MBA / 2012 / Economics & Finance;<br>BBA / 2009 / Economics & Finance | | |
| Active Registration Number/State/Expiration Date | | | |
| Year Registered | | Discipline | |
| Contract Role(s)/Brief Description of Responsibilities | **Grant Program Review / Funding.** *Ms. Watkins will provide support on the economics team, utilizing her specialties in transportation economics, benefit cost analyses, and grant applications. Ms. Watkins is an economist with experience evaluating transportation, flood risk management, and other infrastructure projects. She has experience using spreadsheet, database, and statistical software to analyze and understand large data sets and prepare long term forecasts. She is skilled in writing clear, concise reports, decision documents, and grant applications to explain complicated concepts. She has determined trade patterns based upon analyzing data from both public and proprietary sources such as the U.S. Census, railcar waybill sample, the Navigation Data Center, and IHS Sea-Web, and has experience interviewing port tenants, government officials, and other stakeholders. In addition, Ms. Watkins has experience creating and testing models for the US Army Corps of Engineers and has also used economic models developed by private industry, such as IMPLAN, and government agencies, such as the Federal Emergency Management Agency BCA Toolkit and Federal Highway Administration BCA.Net, to calculate benefits and economic impacts for various types of projects.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 08/16-10/17 | **NMDOT, New Mexico Rail Plan, NM.** ***Economist.*** Prepared IMPLAN analysis to demonstrate the contribution to New Mexico's economy provided by rail transportation throughout the state. Analysis included freight transportation, passenger transportation (Amtrak and commuter rail), and industries dependent upon rail access. |
| 09/18-04/19 | **Multimodal Transit Center Feasibility Study and Conceptual Plan, Laplace, LA.** ***Economist.*** St. John the Baptist parish. Used IMPLAN to determine the economic impacts of developing a multi-modal transit center. Calculated both short term construction impacts and on-going impacts of associated redevelopment. |
| 06/16-12/19 | **Port Fourchon Section 203 Feasibility Report Economics Appendix, Galliano, Louisiana, Greater Lafourche Port Commission.** ***Economist.*** Analyzed the world and U.S. offshore supply vessel and drilling rig fleets to determine the NED benefits of deepening Port Fourchon. Calculated vessel operating costs for offshore vessels following USACE methodology for use in the analysis. Prepared the Economics Appendix for the Feasibility Report to be submitted to the Assistant Secretary of the Army for Civil Works. No significant comments were received from the IEPR. |
| 02/19-04/19 | **Market Demand Study and Business Case Analysis for Reduction of Emissions through Intermodal Opportunities and Incentives, Port Houston Authority, Houston, TX.** ***Economist, Developed benefit-cost analyses for five alternatives to help Port Houston reduce their emissions, including shifting to rail, container-on-barge, electric shuttle, electric or LNG trucks, and cleaner cargo handling equipment.*** |
| 07/19-12/20 | **Port Houston Widening Analysis, Port Houston, TX.** ***Economist, Used the HarborSym model to calculate the NED benefits of widening the Houston Ship Channel.*** Evaluated past casualty incidents to determine NED safety benefits of a widened channel. |
| 06/09-02/14 | **Baton Rouge Loop, Implementation Plan and Tier 1 Environmental Impact Statement Alternatives Evaluation and Travel Demand Modeling, Baton Rouge, LA.** ***Economist.*** Prepared information on frequency of navigational use, height of tow barges, and dimensions of deep draft vessels on multiple navigable waterways for NEPA documentation. |

| Firm | AECOM Technical Services, Inc. | | |
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|  **Daniel Boyd, PE, CBI *(MPR 8, Structural Design)*** Structural Engineer VI | | Years of Relevant Experience with this Employer | 5 |
| | | Years of Relevant Experience with Other Employer(s) | 13 |
| Degree(s)/Years/Specialization | BS/2006/Civil Engineering | | |
| Active Registration Number/State/ Expiration Date | 36728/LA/03.31.26<br>Additional active license: MS, TX | | |
| Year Registered | 2011 | Discipline | Civil Engineer |
| Contract Role(s)/Brief Description of Responsibilities | **MPR 8. Structural Design** *Daniel has more than 18 years of structural engineering experience in the transportation industry. He most recently was a part of multiple design build projects in Dallas and Austin, TX, with tasks including structural task lead for overhead sign structures, bridge design, foundation design for high-mast lighting and mast-arm traffic signals, load rating engineer, and structural task manager for Engineering and Design Services During Construction phases. His technical experience encompasses steel girder bridge design, precast/prestressed concrete girder design, structural steel design, structural concrete design, retaining walls, and drilled shaft and driven pile foundations design. He has a thorough working knowledge of AASHTO and Louisiana DOTD Standards. Daniel is also an NHI certified bridge inspector.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 01/20 – Present | **TxDOT, LBJ East Design Build Project, Dallas, TX.** ***Structural Task Lead and Engineer of Record.*** Completed design of Overhead Sign Structures, consisting of 137 custom Overhead Sign Bridge (OSB) Structures and Cantilever Overhead Sign Structures (COSS), as well as ITS and Tolling equipment structures. The structure inventory included a combination of both ground mounted and bridge mounted applications. Design included analysis of the steel trusses for the OSB and COSS structures, analysis and design of custom aesthetic concrete support columns for the truss structures, and deep drilled shaft foundations for each structure. Designed foundations for High-Mast Lighting and Mast-arm mounted traffic signals in accordance with AASHTO Structural Supports for Highway Signs, Luminaires, & Traffic Signals Specifications. Served as structural task leader during Design Services During Construction (DSDC) phase to answer RFI's, resolve field issues, review shop drawings, plan and schedule drawing and/or calculation revisions, etc. |
| 05/09 - 01/12 | **LADOTD, Statewide ITS Project, Louisiana.** ***Civil/Structural Design Engineer.*** Project installed and/or replaced multiple Digital Message Signs (DMS) and Closed-Circuit TV (CCTV) Cameras as part of a statewide ITS project. Responsibilities included analysis and design of the signs and/or camera system and supports following the AASHTO Structural Supports for Highway Signs, Luminaires, & Traffic Signals Specifications for high wind loads, designing drilled shafts or driven piles for many different soil conditions, designing concrete pile caps, and design of steel DMS/CCTV supports. |
| 02/24 – Present | **Port of South Louisiana, Globalplex Intermodal Dock Second Access Bridge, St. John the Baptist Parish, LA.** ***Engineer of Record.*** Served as EOR for the structural scope of design for a new heavy haul access bridge to the dock facilities at the Port of South Louisiana. Design responsibilities for the access bridge included prestressed pile and spread footing foundations, precast structural bridge deck panels, and a steel bridge segment over River Road. Also provided structural calculations and design for high-mast lighting foundations and piles utilizing the AASHTO Structural Supports for Highway Signs, Luminaires, & Traffic Signals Specifications. Oversaw final design and calculation development, and final plans and details development. |

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| 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 all IDC engineer for all Overhead Sign Structures and Toll Gantries for the project. IDC analyses were performed for entirety of each bridge structure, from geometry, superstructure design, substructure design, and foundation design to verify the validity of each design. Provided engineering support during Design Services During Construction (DSDC) phase to answer RFI's, resolve field issues, and review shop drawings. Provided layout, design, and calculations necessary for Retaining Walls 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. |
| 03/21 – 09/21 | **LADOTD, I–49, Connector, (SPN H.004273.5), Lafayette, LA.** *Structural Review.* Performed a review of I–49 mainline viaduct layouts for the three different structural options being presented to LADOTD for selection. Performing reviews and updating structural quantities and costs to reflect current design layouts and current bid pricing to ensure consistency across the three structural options. |
| 10/06 – 08/11 | **LADOTD, US 71/165 Fort Buhlow Bridge/KCS Railroad Overpass, Alexandria, LA.** *Structural Design Engineer.* Designed main river spans consisting of two 3-span units (one each direction) with 300'-400'-300' steel plate girder spans, and multiple steel simple spans greater than 200' crossing river levees. Designed all aspects and components of the steel plate girder bridge units, including diaphragms, bolted splices, bearing, stiffeners, etc. Also performed analysis and design of prestressed concrete girders, concrete bridge deck and columns, pile bents and piles, and performed peer review on other components of the project. Collaborated with steel fabricator to review/approve shop drawings and RFI's. |
| 10/19 – 12/20 | **Coastal Protection and Restoration Authority, LA 23 Bridge over Mid-Barataria Sediment Diversion, Plaquemines Parish, LA.** *Structural Engineer.* Assisted in the Design Plans for the new bridge and roadway structure over the new sediment diversion. The project consists of a new concrete precast girder bridge, approximately 2,200 feet in length, and the connecting asphalt roadway. Provided calculation and plans peer reviews and QA/QC. |
| 04/20 – 11/20 | **Port of Gulfport, Port of Gulfport Connector, Gulfport, MS.** *Structures Discipline Leader.* Performed preliminary structural design for prestressed concrete girders and steel plate girder superstructures, preliminary substructure design, and geometric design for a new bridge structure on 30th Ave. spanning Hwy. 90 providing direct trucking access into the Port of Gulfport. |
| 01/07 – 12/07 | **City-Parish of East Baton Rouge, Highland Road (LA 42) Improvements (Perkins to Airline), Baton Rouge, LA.** *Civil/Structural Design Engineer.* Performed structural analysis on multiple aspects of project. Design included concrete bridge deck, guard rails, analysis and design of prestressed quad beam concrete girders, girder bearing design, and prestressed concrete piles and concrete bents. Also performed calculation reviews on multiple aspects of project. |
| 10/20 – Present | **TxDOT, IH 820 SE Connector Design-Build Project, Fort Worth, TX.** *Structural Design and QA/QC.* Performed preliminary structural design for multiple substructure and foundation arrangements, including inverted-tee bents, multi-column bents, hammer-head bents, and the foundations for each of these, as part of the preliminary design phase of a large design-build project. Also performed QA/QC on numerous bridge calculations, and detailed plan reviews on bridge plan drawings. Provided engineering support during Design Services During Construction (DSCD) phase to answer RFI's, resolve field issues, review shop drawings, and perform calculations necessary for changes made during construction. Task leader and EOR for the final as-built Load Ratings for all new bridges on the project. |

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

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

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

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

| Firm | AECOM Technical Services, Inc. | | |
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| **William Fullilove, EI**<br>Civil Engineering Intern | | Years of Relevant Experience with this Employer | 2 |
| | | Years of Relevant Experience with Other Employer(s) | 0 |
| Degree(s)/Years/Specialization | BS/2022/Civil Engineering | | |
| Active Registration Number/State/ Expiration Date | EI.0035203/LA/03/31/2025 | | |
| Year Registered | 2022 | Discipline | Civil Engineer |
| Contract Role(s)/Brief Description of Responsibilities | **Road/Drainage Design Services.** *William is a Civil Engineering Intern with experience in technical development for transportation engineering projects. Tasks and project experience include roadway design, construction submittal reviews, design plan development, construction cost estimating, document control, and plan checking. William will be supporting the Project Manager and other team members to provide road design services under this contract.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 09/22 – Present | **City of Baton Rouge/Parish of East Baton Rouge, Feasibility Study and Report/TEPR, College Drive, Baton Rouge, LA.** Roadway Design/ CADD Design. Project aims to provide access management, signalization and capacity improvements along College Dr. RFP includes a flyover exit ramp from I-10 westbound Ramp to College Drive. Assisted with collection of unit quantities and development of Microsoft PowerPoint slides. |
| 10/23 – 12/23 | **Jefferson Parish DPW, Saltwater Intrusion Emergency Project, Jefferson Parish, LA.** Installation of temporary pipeline to pull freshwater from upstream of the Mississippi River to supply freshwater to Jefferson Parish and its citizens. The temporary lay flat pipeline is necessary if the saltwater were to reach existing intake areas. Assisted in field inspection work including quantifying and tracking equipment related to the project. Progress reports taken at intake areas, storage areas, and piping network. |
| 10/22 – 08/23 | **MDOT, US 49 – Orange Grove Blvd. to St. Charles St. Harrison County, MS.** The US 49 Project consists of converting two median turn locations into directional left turns with a mill and overlay on the remaining six lanes of traffic. In addition to the road work, roadway drainage will be altered to collect the runoff from the new drainage patterns. Worked on design plan development and roadway design calculations for temporary traffic control. |
| 09/22 – Present | **Coastal Protection and Restoration Authority (CPRA) of Louisiana, Maurepas Swamp Diversion, St. John the Baptist Parish, LA.** Planning, engineering and design services for the reconstruction of US 61 and Airline Rd. The roads will be created in conjunction with the diversion channel to reintroduce sediment and freshwater into Lake Maurepas from the Mississippi River. Assisted on plan development, cost estimation, roadway design calculations, and plan checking. |
| 07/22 – 07/23 | **Coastal Protection and Restoration Authority (CPRA) of Louisiana, Mid-Barataria Sediment Diversion, Plaquemines Parish, LA.** Planning, engineering and design services ($1.5 Billion CMAR Project) for the creation of the Mid-Barataria Sediment Diversion Channel to strategically reintroduce sediment and freshwater inputs into the Barataria Basin. Worked on plan development, cost estimation, roadway design calculations, abutment design, and plan checking. |

| Firm | AECOM Technical Services, Inc. | | |
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|  **Dani Madubuike, AICP, ENV SP**<br>Transit Planner III | | Years of Relevant Experience with this Employer | 1.5 |
| | | Years of Relevant Experience with Other Employer(s) | 4.5 |
| Degree(s)/Years/Specialization | MA/2018/Urban Planning; BA/2017/Geography and Urban Planning | | |
| Active Registration Number/State/Expiration Date | AICP.414480/09.30.2025<br>Additional active license: Envision Sustainable Professional | | |
| Year Registered | NA | Discipline | American Institute of Certified Planners – Texas Chapter |
| Contract Role(s)/Brief Description of Responsibilities | **Station and Route Planning; Task Support.** *Dani is a transit planner with 6 years of experience, including experience working at public transit agencies. Dani has supported projects in service planning and route design, route performance analysis, and travel time and O&M cost estimation. Dani also has experience in asset and fleet management, transportation assessments, active transportation planning, and first/last mile planning* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 05/2024 - Present | **Task Lead\| B-Metro BRT Feasibility Study \| Brownsville, TX.** In support of the B-Metro BRT Feasibility Study, Dani led a comprehensive assessment of existing transportation and development conditions within Brownsville. This involved reviewing recent plans to identify corridor transportation issues and opportunities. Dani also led the development of a data collection plan and a peer city review to extract relevant lessons on BRT planning, funding, and multimodal integration. Additionally, Dani supported the collection of growth-related data on demographics, land use, and employment, ultimately contributing GIS geodata for a corridor analysis. |
| 06/2024 – Present | **Task Support \| CDOT Colorado Boulevard BRT\| Denver, CO.** Dani provided support for the Service Planning, O&M Forecasting and Corridor Connectivity Assessment tasks on the Colorado Boulevard BRT project. Dani assisted in developing travel time and O&M cost estimates to assess the financial viability and competitiveness of the project for federal funding. This included evaluating costs for personnel, materials, fuel, and administrative expenses to establish sustainable operating projections. Additionally, Dani contributed to the corridor connectivity assessment by analyzing transit station location suitability based on population and employment density, transit propensity, travel patterns, and land use trends. Findings were synthesized to identify optimal station locations, supporting the BRT corridor's integration within the local transit network and community infrastructure. |
| 03/2024 – 05/2024 | **Task Support \| Dallas Houston High-Speed Rail \| Amtrak, TX.** The proposed Amtrak Texas High-Speed Rail project (TXHSR) is a 240-mile intercity passenger rail corridor connecting Dallas and Houston with one intermediate stop in Brazos Valley. As part of the consulting team, Dani assisted Amtrak with the preparation of an SDP to complete Step 2 of FRA's CID Program and advance the project to the Project Development lifecycle stage. Dani's role was to support the synthesizing of initial service and operations plans, capital (CAPEX) and operations and maintenance (OPEX) cost estimates, travel market demand analysis, prior environmental documents (prepared by AECOM for TCR) and other related documents prepared previously by TCR and formulate an SDP in compliance with current FRA guidance as part of the FRA CID Program. |
| 06/2023 – 10/2024 | **Task Support \| Project Connect LRT Conceptual Engineering \| Capital Metro \| Austin, TX**<br>Project Connect is a long-range, High-Capacity Transit (HCT) system planning initiative. As a member of the consulting team, Dani is supporting the transportation analysis task and leading the transit assessment component. She worked to identify and analyze existing transit routes and schedules, park-and-ride facilities and maintenance facilities within the primary resource area for CapMetro's current transit system. Dani led the assessment on impacts to the transit system, including impacts on travel time, travel demand, geographic coverage and access. This analysis also assessed effects on the transit system as a result of the no build alternative. |

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| 03/2024 - Present | **Task Support \| State of Good Repair Inspection \| DART \| Dallas, TX.** DART's Asset Management and State of Good Repair (SGR) programming involves a comprehensive and in-depth re-assessment of the current asset condition of fleet, facility, infrastructure, and equipment assets, and their projected needs. Dani is involved in front end planning and training in advance of field activities to obtain a comprehensive understanding of DART's needs and desired outcomes. Dani serves as a qualified inspector, working in teams to inspect all required assets at their respective locations throughout DART and TRE territories. Dani is also involved in post analysis of condition assessment data and results, which are tabulated onto data tables (in Excel or database) with charts showing the SGR status of each asset class and type. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Christopher Lau, PE, MBA**<br>Project Manager, Transit | | Years of Relevant Experience with this Employer | 5 |
| | | Years of Relevant Experience with Other Employer(s) | 3 |
| Degree(s)/Years/Specialization | BS/2016/Civil Engineering; MBA/2022/Business Administration | | |
| Active Registration Number/State/Expiration Date | PE#138603/06.30.2025 | | |
| Year Registered | 4 | Discipline | Texas Board of Professional Engineers |
| Contract Role(s)/Brief Description of Responsibilities | **Bus Rapid Transit Design.** *Chris has served as a designer, design task lead, supervisor engineer, and project manager for different infrastructure projects, including major and minor highways, urban roadways, and bus rapid transit projects, supporting roadway design.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 11/20-11/23 | **Houston METRO, University Corridor BRT, Houston, TX.** *Civil/Roadway Design.* Chris led the design of a bidirectional BRT lane along Lockwood Dr in this 25 miles BRT preliminary design project. He also developed a BRT underpass underneath an existing UPRR bridge and proposed u-turn bridge. Additionally, he developed horizontal and vertical geometric alternatives for freeway/BRT intersections and highway ramp relocations. Chris also served as a task manager for utility conflict coordination within Segment 1 and as lead verifier for drainage report submittals, UPRR submittals, basis of design documents, and BRT design criteria documents. |
| 8/23-Present | **Central Ohio Transit Authority (COTA), West Broad Street Corridor High Capacity BRT, Columbus and Prairie Township, OH.** *Maintenance of Traffic Lead.* Chris served as the task lead for maintenance of traffic development for both the 60% and 90% design packages for this 7 miles BRT project, developing the construction phasing, detour layouts, and temporary signage and pavement markings. He also performed an encroachment analysis, developing design solutions to minimize impact to encroachments within the existing ROW. Chris also managed the turning movement analysis along the corridor, determining feasibility of curb extensions and right turn lanes. |
| 9/24-Present | **Chapel Hill Transit (CHT), North South BRT, Town of Chapel Hill, NC.** *Quality Manager.* As the quality manager for this project, Chris developed the quality management plan and procedures for the 60% submittals. He organized quality training for the project team and managed the quality control process for deliverables to the client, utilizing Bluebeam Revu for comment resolution, backcheck, and close-out for drawings across all design disciplines. |
| 5/24-Present | **City of Brownsville, BRT Feasibility Study, City of Brownsville, TX.** *Project Manager.* Chris served as the project manager and was responsible for running progress meetings and managing the development of all deliverables and reports. Through this project, he led the team to evaluate the feasibility of BRT in Brownsville, TX, examining the existing transit propensity and transit system's readiness for the addition of a BRT route connecting people to hubs of em-ployment at the Port of Brownsville. Within this study, a corridor analysis, alternatives analysis, and operational/funding analy-sis was conducted. Public involvement was also a crucial element of this project to educate the public and employers on the benefits of BRT. |
| 08/19-Present | **TxDOT Laredo District, US59 Laredo Schematic, PS&E, and Construction Phase Services, Laredo, TX.** *Project Manager.* As project manager, Chris supported all aspects of project facilitation and coordination with external parties. Chris also served as roadway design task lead, developing geometry of main lanes, frontage roads, ramps, driveways, and side streets. Chris also developed a corridor-wide 3D model utilizing Bentley OpenRoads tools for the development of proposed surfaces and cross sections. The project is now in construction phase services, where Chris has been coordinating with the construction manager to verify contractor submittals and answer any RFIs. |

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| 08/19-02/22 | **TxDOT Houston District, SH35/IH610 Interchange Schematic, Houston, TX.** ***3D Modeling Task Lead.*** As 3D modeling task lead, Chris utilized Bentley OpenRoads technology to build the 3D model of the SH35/IH610 interchange with 8 direct connectors. He used the 3D model to refine vertical geometry, generated cross sections at vertically constrained locations to assist in design refinement, and created vertical clearance calculations to verify clearance requirements were sufficiently met underneath all structures. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Matthew Ables, AICP**<br>Transit Planner | | Years of Relevant Experience with this Employer | 1 |
| | | Years of Relevant Experience with Other Employer(s) | 13 |
| Degree(s)/Years/Specialization | Master's in City and Regional Planning, University of Texas at Arlington, 2014<br>Bachelors of Anthropology, University of North Texas, 2010 | | |
| Active Registration Number/State/Expiration Date | American Institute of Certified Planners #29841 | | |
| Year Registered | 2017 | Discipline | Urban Planning |
| Contract Role(s)/Brief Description of Responsibilities | **Station and Route Planning; Task Support.** *Matthew is focused on developing effective, equitable, and innovative strategies that build great places and solve complex projects and challenges.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 07/24 – Present | **Dallas Area Rapid Transit – Corridor Optimization + Riders Enhancement Program, Dallas, TX.** *Deputy Project Manager identifying high potential corridors for potential BRT enabling projects.* Developed geospatial datasets, identified conceptual project design and assisted in stakeholder engagement. |
| 04/24 – 07/24 | **Waterfront Toronto BRT Feasibility Study, Toronto Canada*.** *Task Lead.* Assessed feasibility and design of temporary enhancements to facilitate an interim high-frequency BRT to augment planned Queens Quay LRT. |
| 10/22 – 01/23 | **Queens Quay Light Rail and Central Waterfront Project, Toronto, Canada*.** *Task Lead.* Assisted on environmental assessment for the Waterfront Toronto LRT project which included construction of light rail stations and extension, infill of waterfront wharfs, multi-modal transportation improvements, and economic development strategies. |
| 4/17 – 11/19 | **Capital Metro Project Connect Transit System Plan, Austin, TX.** *Transit Planner.* Assisted in leading and developing short-term enhancement projects for Capital Metro's long-term system plan – Project Connect. Projects ranged from pedestrian safety enhancements to grade separation projects. Assessed potential costs and conducted an evaluative assessment on projects to display in concise and understandable language at public meetings. Developed protocol, feedback capture survey, interactive map, and database architecture to record and respond to incoming public feedback on a high-profile project. |
| 2/21 - 8/24 | **Downtown Austin Mobility Vision, TX*.** *Transport Planner.* Worked with the Downtown Austin Alliance to create a new mobility vision for the downtown area. The vision responds to the major transportation projects in planning and underway in the city including Project Connect, I-35 Cap and Stitch project, and Congress Avenue upgrade. A key focus is to identify strategic moves to support business continuity and leverage investment to deliver wider community benefits. |
| 4/19 - 5/21 | **Southern Dallas County Transit Plan, NCTCOG, Dallas County, TX.** *Task lead.* Assessing transit and mobility solutions for improving connectivity through a highly data driven process that included location-based data and demographic analysis within the Southern Dallas County area. This portion of Dallas County spans over six municipalities all lacking a major transit provider. This study assessed the potential to bring transit solutions to cities by identifying key origin and destination locations, populations with transit need, assessing funding solutions, and designing innovative transit vehicle and routing strategies including micro transit. |
| 09/22 – 01/23 | **Dallas Area Rapid Transit – Kay Bailey Hutchison Convention Center Master Plan Review, Dallas, TX*.** *Urban planning lead.* Reviewed proposed convention center master plans and design considerations including mobility and light rail station relocation. Assessed pedestrian safety and mobility considerations, light rail station design exceptions and operations, project phasing, and infrastructure costs/benefits. |

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

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 10/21-Present | **Coastal Restoration and Protection Authority of the State of Louisiana, LA 23 Over Mid-Barataria Sediment Diversion, (SP No. BA-0153), Plaquemines Parish, LA:** *Project Engineer* for the planning, engineering, and design services for the creation of the Mid-Barataria sediment diversion basin to strategically reintroduce sediment and freshwater inputs into the Barataria Basin. Mr. Bollu assisted with detour roadway alignment creation/selection, TTC planning, and roadway plan preparation. |
| 10/22-Present | **College Drive Enhancements, Perkins Rd to I-10, Baton Rouge, LA.** AECOM was selected by East Baton Rouge Parish, through the MOVEBR Program, to provide engineering services on College Drive corridor. AECOM has developed plans to promote mobility and capacity along the College Drive Corridor. These plans include a Phase Construction approach to minimize impacts to the drivers while enhancing and creating capacity to the overall corridor. The conceptual plan contains 4 Phases of work, with two projects within each Phase. Phase 1, consist of two projects: College Drive Backage Road through Hobby Lobby and Concord Avenue West Extension. The existing Concord Avenue Road segment will be re-aligned to provide a more direct intersection on both the east and west side of College Drive. The realignment of Concord Avenue and the proposed Backage Road will require a review of the existing drainage patterns and an analysis of proposed drainage. Mr. Bollu assisted in the H&H calculations, design of the subsurface systems, inlets and preparation of the drainage report. |
| 01/12-01/20 | **West Bank Hurricane Protection Levee (WBHPL), H&H Modeling, St. Charles Parish, LA.** *Lead Project Manager,* performed investigation of the hydraulics of the combined canal system on the protected side of the proposed hurricane protection levee on the West Bank of St. Charles Parish. Model included major canal improvements with new drainage pump stations. HEC-HMS and HEC-RAS were used for the modeling software |
| 10/21-Present | **Louisiana Watershed Initiative (LWI), Statewide LA.** *Modeling and Data.* Mr. Bollu facilitated as DPM the bi-weekly calls, any requested meetings, and generally moved the program modeling decisions forward. Assisted in the development of H & H modeling methodology and Design Storm Guidance. Project Evaluations- Mr. Bollu supported reviews of potential Round 1 and Round 2 projects, H & H analysis, made recommendations for design support. Survey-Mr. Bollu facilitated the development of the survey guidance at the request of the program, to specify the data collection and reporting requirements. |
| 01/20-03/21 | **East Bank Drainage Improvements, St. Charles Parish, LA.** *Lead Hydraulic Engineer/Project Manager* responsible for creating H&H models to evaluate flooding within the existing neighborhood, provide alternate solutions to alleviate flooding and develop a report with recommended solutions with cost estimates for 25yr and 100yr rainfall events for Montz: 1,635 acres drainage basin, Norco: 800 acres drainage basin, New Sarpy: 690 acres drainage basin, Ormond: 1,420 acres drainage basin. |

| Firm | AECOM Technical Services, Inc. | | |
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|  **Ramya Rayapureddy**<br>Traffic Designer | | Years of Relevant Experience with this Employer | 3 |
| | | Years of Relevant Experience with Other Employer(s) | 0 |
| Degree(s)/Years/Specialization | MSc/2020/Civil Engineering • BS/2015/Civil Engineering | | |
| Active Registration Number/State/Expiration Date | N/A | | |
| Year Registered | N/A | Discipline | N/A |
| Contract Role(s)/Brief Description of Responsibilities | **Traffic Design/MOT.** *Ramya is an entry-level traffic designer with experience in traffic operations and analysis. Her project experience includes safety studies, crash data analysis and crash mapping, signal design, traffic data collection, traffic impact studies, and writing and presenting.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 06/22–08/22 | **Loop 1604 at IH-10 IAJR, Bexar County, TX.** *Safety Analysis.* Ramya was responsible for analyzing and documenting the existing safety conditions along Loop 1604 from Farm to Market (FM) 1303 to FM 1346 in Bexar County, southeast of San Antonio. She analyzed 5 years of crash data, crash descriptive statistics, and identified problematic locations with more number of crashes. She recommended countermeasures to address the safety issues at these problematic locations. |
| 08/22–10/22 | **Port Arthur Liquefaction Project (PALNG), Port Arthur, TX.** *Traffic Evaluation.* Ramya was responsible for evaluating the existing, No Build and Build conditions using Synchro 11 for the intersections along SH 87 from the project site to the traffic signal at SH 82. The intersection delay, LOS, and 95th percentile queue lengths were analyzed. She optimized the traffic signal timing at the signalized intersections to minimize the impact of project construction traffic on the study intersections. |
| 01/21–Present | **MOVEBR, Jones Creek Road Extension, Segments 1A and 1B, City of Parish of East Baton Rouge, LA.** *Traffic Analysis.* Ramya was responsible for designing the traffic signal using AutoCAD 2020 for the intersection Jones Creek at Tiger Bend Road. She assisted in the development of traffic analysis, collected traffic counts, geometric layout measurements and peak period observations at signalized and unsignalized intersections. She was responsible for development of Appendix C – Existing Safety Analysis by reviewing more than 200 crash reports. |
| 09/22–10/22 | **Cameron LNG Traffic impact Study, Cameron Parish, LA.** *Intersection Analysis.* Ramya was responsible for analyzing 30 intersections, including the signalized and stop-controlled intersections for the existing, No Build, Build, and Build with Mitigation conditions using Synchro 11 software, using HCM 6th edition methodologies. She evaluated the potential traffic impacts associated with the construction of CLNG project. |
| 02/22–02/22 | **Slaughter Lane Signal Improvements, City of Austin, TX.** *Signal Design.* Ramya was responsible for reviewing the Slaughter Lane signal improvement traffic standard plan sets, update of the quantities and redlines in the signal design using MicroStation. |
| 02/22–03/22 | **TxDOT, US 59 Laredo, TX.** *ITS Plan.* Ramya was responsible for reviewing the ITS plan sets, summary of quantities, and updating the redlines in the 95% submittal plan sheets. She assisted in printing the PSETS using Axiom tool. |
| 11/20–03/21 | **City of Austin Crash Mapping, Austin, TX.** *Traffic Analysis.* Ramya is responsible for crash investigation and crash mapping of 10 intersections based on the impact type by reviewing the crash reports |
| 11/20–06/21 | **City of Dallas McKinney Avenue/Cole Avenue Two-way Conversion, Dallas, TX.** *Traffic Analysis.* Ramya is responsible for review of the traffic impact studies along the corridor and developed traffic volumes from the base conditions. She collected aged data and developed growth rates at each induvial stations and coordinated with the team in developing an aggregate growth rate. |

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| 05/21–06/21 | **US 101/Hearn Avenue Interchange, Santa Rosa, CA.** *Traffic Analysis.* Ramya assisted in the review of the crash data and developed crash summary statistics of crash severity and type of collision |
| 12/20–01/021 | **City of Ketchum Fire Station Traffic Engineering Assistance, Modification 3, ID.** *Traffic Analysis.* Ramya conducted research and extracted detailed information pertaining to the Emergency Vehicle warning systems, installation equipment and activation options. She coordinated with each of the vendors and requested general information of their systems. |
| 01/19–04/19 | **Atlanta Highway and Interchanges on I-85 at Exit 4 and Exit 6, GA.** *Traffic Analysis.* Ramya conducted a computer simulation of traffic operations using Highway Capacity Software (HCS), CORSIM, VISSIM, and Synchro along the arterial to identify and resolve existing problems in traffic flow. She analyzed future conditions for 20 years by assuming traffic volume and built alternatives for future conditions. She developed VISSIM model to analyze existing and future conditions. |
| 01/18–04/19 | **Spatial Analysis of Locational Demographics with Intersection Crashes in Alabama.** *Traffic Analysis.* Ramya performed spatial and statistical analysis of over 100,000 intersection-related crashes from Alabama using ArcMap10.6 and Excel to identify high crash locations and crash severity. She identified locational demographic factors and suggested measures to reduce crash rates based on regional and driver factors. |
| 09/18–11/18 | **College Street and Thach Avenue Intersection, Auburn AL.** *Traffic Analysis.* Ramya conducted capacity and level of service (LOS) analysis of a signalized intersection in Auburn during the evening peak period using HCS 7. She suggested improvements in signal phasing that resulted a decrease in an overall delay of 15.5 seconds with a LOS of B for the intersection. |
| 09/18–11/18 | **Highway 84 E Corridor Redevelopment Project Dothan, AL.** *Traffic Analysis.* Ramya analyzed pedestrian and bicycle LOS for the existing conditions of the 4-mile corridor in Dothan. She proposed a transportation plan to improve biking, pedestrian safety, connectivity and suggested complete street transformation for Columbia highway. |
| 08/18–07/20 | **Development and Calibration of Safety Performance Functions for Intersections on rural divided highways in Alabama (Thesis).** Ramya developed Alabama-specific calibration factor for unsignalized intersections on rural divided highways. She calibrated safety performance functions (SPFs) and predicted crash frequency for recently modified intersections |

| Firm | AECOM Technical Services, Inc. | | |
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| **Keith Villere, FASLA**<br>Senior Landscape Architect | | Years of Relevant Experience with this Employer | 15 |
| | | Years of Relevant Experience with Other Employer(s) | 35 |
| Degree(s)/Years/Specialization | BLA/1978/Landscape Design and Urban Planning | | |
| Active Registration Number/State/Expiration Date | 24-0226/LA/1.31.2025 | | |
| Year Registered | 1978 | Discipline | Landscape Design |
| Contract Role(s)/Brief Description of Responsibilities | **Roadway Design and Hydraulic Engineering Services.** *Keith has more than 40 years of landscape architecture design and construction experience, with specific expertise in green infrastructure, sustainability, and traditional town planning. He has worked with municipal and private clients that have involved not only landscape design, but and master planning of landscape improvements that encompassed green infrastructure and sustainable landscape design principles.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 08/23 – present | **College Dr. Enhancements, Baton Rouge, LA.** *Landscape Architect.* Landscape design, street trees and shrubs, bioswale design, and specifications |
| 10/21 – 08/22 | **Lake Charles DR-4559-LA IRC, Lake Charles, LA.** *Landscape Architect.* Support and planning team for recommendations of affordable housing options. |
| 08/18 – 02/22 | **Landscape Design of Central Pump Station.** *Landscape Architect.* Responsible for landscape design of Low Impact Development (LID) including grass channels and bioswale of parking area. |
| 11/18 – 07/19 | **Landscape Design, West Harris County Regional Water Authority.** *Landscape Architect.* Responsible for landscape design of Low Impact Development of proposed main office. Measures include permeable paving, bioswales, grass channels, and rainwater harvesting. |
| 02/17 – 09/17 | **Fargo Bike and Pedestrian Path Design, Fargo-Moorhead Metropolitan Area Flood Risk Management Project, Fargo, ND.** *Landscape Design & Consultant.* Responsible for the horizontal and vertical alignment of a 31-mile bike path in Fargo, ND. Project included the design of trailhead parking and restroom facilities and access to the trail. |
| 08/15 – present | **LADOTD, I-49 Lafayette Connector Design Studies, Tree Preservation, Lafayette, LA.** *Landscape Architect and Technical Assistance.* Responsible for the evaluation and recommendation to preserve an ancient live oak tree within the construction zone of the interstate planning zone. |
| 08/14 – 01/16 | **USACE, Dwyer Road, Green Infrastructure Landscape Design, New Orleans, LA.** *Project Manager.* Responsible for the design of a 5,000 ft. bike and walking path using native trees and green infrastructure to include a series of water recharge catchment areas with native grasses and wildflowers in New Orleans East. |
| 07/14 – 10/15 | **USACE, Landscape Master Planning Urban Flood Control, Uptown New Orleans, LA.** *Project Manager.* Responsible for developing landscape master plan alternatives for presentation to the public to re-vegetate several neutral grounds in uptown New Orleans in concert with one of the city's major urban flood control project. Project utilized native tree plantings and green infrastructure under the guidance of the City's Administration, Public Works and Parks & Parkway departments. |
| 04/15 – 04/17 | **Louisiana Coastal Zone Mater Plan Update.** *Landscape Architect.* Responsible for engaging with participating parish entities to identify non-structural flood programs including reducing the amount of fill in a floodzone and base flood elevations in excess of established requirements. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Greg Reilly, PE**<br>Electrical Senior Manager | | Years of Relevant Experience with this Employer | 2 |
| | | Years of Relevant Experience with Other Employer(s) | 18 |
| Degree(s)/Years/Specialization | BS/2004/Electrical Engineer | | |
| Active Registration Number/State/Expiration Date | 0047409/LA/ 03.31.2025<br>Other active license: IL, IN, NE, KS, FL, GA, MO, TX. OH | | |
| Year Registered | 2022 (LA) | Discipline | Electrical Engineer |
| Contract Role(s)/Brief Description of Responsibilities | **MPR 7. Roadway and Aesthetic Lighting.** *Greg specializes in electrical design, roadway lighting, parking lot lighting, bridge lighting/electrical, pedestrian lighting, aesthetic bridge lighting, decorative lighting, Smart lighting systems, aviation lighting/electrical, NAVAIDS, toll plazas, intermodal yards, train platforms, generators/emergency power systems, solar power systems, EV chargers/infrastructure, ITS, and traffic signal design services. He is well-versed in roadway lighting design, including conventional, high-mast, tunnel, roundabout, DDI, and SPUI. He is also proficient in AGi32 lighting software. His project experience includes successful ventures with high-profile clients including the Illinois Department of Transportation for the completion of large-scale electrical engineering projects, as well as significant electrical design contributions to Illinois Tollway and Chicago Department of Transportation projects. He has also provided significant electrical designs for various DOT's, airports, railroads, and other agencies across the country.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 10/22 – present | **I-80 from I-55 to Briggs Street Reconstruction (DCM and Design), Illinois Department of Transportation, Joliet, IL.** *QA/QC.* DCM lighting QA/QC lead responsible for specifications, details, and designs for conventional roadway, ramps, and underpass lighting systems. DCM role also included coordination with other corridor designers to ensure consistency in roadway lighting designs. Design role included final lighting design from Houbolt Road to west of Center Street. Developed specifications, details, and design plans for all electrical work, including coordination with involved disciplines through construction. |
| 10/22 – present | **I-190 Reconstruction (DCM and WB Design) – Lighting and Toll Plaza, Illinois Department of Transportation, Chicago, IL.** *Electrical & Lighting Design Lead.* DCM electrical and lighting lead responsible for specifications, details, and designs for roadway lighting systems and toll plaza electrical/communications systems. DCM role also included coordination with other corridor designers to ensure consistency in roadway lighting designs. Developed specifications, details, and design plans for all lighting and toll plaza electrical/communication work, including coordination with involved disciplines through construction. |
| 02/23 – 09/23 | **Dynamic Wireless Power Transfer Pilot Project – Electric Infrastructure Design, Indiana Department of Transportation, West Lafayette, IN.** *Electrical Design Lead.* Electrical lead responsible for the electrical infrastructure design required for the wireless in-pavement electric vehicle charging pilot project. Design included coordination with INDOT and pilot project team to develop plans, details, and specifications for construction. Coordinated electrical details for DC & AC power distribution system and communications. |
| 12/22 – 12/23 | **Toronto Pearson International Airport – Parking Garage EV Charging Infrastructure Concept Design, GTAA, Toronto, ON.** *Electrical Design Lead.* Electrical lead responsible for concept design drawings for Level 1, Level 2, and Level 3 EV chargers and electrical infrastructure. Design role included coordination with EV charger manufacturers and the client. Developed plans and details for how EV chargers could be installed in parking garages at this busy airport. |

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| 01/23 – 08/23 | **Acadia Gateway Intermodal and Welcome Center – Parking Lot EV Chargers Design, Maine Department of Transportation, Acadia, MN.** *Electrical Design.* Provided electrical design support for Level 2 and Level 3 EV charger specifications and electrical infrastructure. Design role included coordination with EV charger manufacturers and writing specifications for the EV chargers. Coordinated electrical infrastructure details for how these EV chargers would be powered in the parking lot at this state park facility. |
| 03/20 – 09/22 | **General Engineering Consultant (GEC), Illinois Tollway, Lisle, IL.** *TSMO Manager.* TSMO manager responsible for ITS, roadway lighting, fiber optics, and business systems-related work. Responsible for managing a team of individuals that perform many tasks related to those disciplines such as create and maintain design standards, design reviews, training, ITS and business systems inspections, reporting, asset management, systemwide planning, budgeting, construction walkthroughs, fiber assignments, warranty surety inspection, and special projects. Also responsible for cutting edge initiatives for LED lighting replacements, utility rebate applications for LED replacements, wireless lighting management systems, wrong-way driver detection/prevention and connected & automated vehicle strategic planning, electric vehicle (EV) chargers at fleet maintenance yards and rest areas, along with researching available EV charging infrastructure rebate opportunities. |
| 10/12 – 02/20 | **I-74 over the Mississippi River Design, Iowa Department of Transportation, Bettendorf, IA / Moline, IL.** *QA/QC and design.* Provided Lighting and ITS QA/QC for the design team, as well as lighting design for preparation of contract plans, estimates, and specifications. He also provided QC for the ITS and fiber optic design packages for the corridor. The project scope included designing roadway and aesthetic lighting and coordination with the ITS, traffic signal, and structural designs for the roadway reconstruction of I-74 from Bettendorf, Iowa to Moline, Illinois. The proposed lighting, ITS, and traffic signals were part of a complete roadway and bridge reconstruction over the Mississippi River in this area. The ITS design included lane control/utilization structures, dynamic message signs, CCTV cameras, and traffic detectors. The existing suspension bridge will be replaced with a tied-arch bridge, which includes color-changing LED aesthetic lighting. The design of the lighting system includes 45' and 50' roadway poles with specially designed 14' davit arms with 10' radii and LED luminaries. Decorative "C" shaped light poles with LED luminaires were also included in the design for the arch bridge and multi-use path. Swivel mount LED navigation lighting was also designed per U.S. Coast Guard standards. |
| 08/17 – 03/19 | **Fargo University Drive - 18th Avenue to I-94, North Dakota Department of Transportation, Fargo, ND.** *Project Manager.* Project manager responsible for managing the lighting and traffic signal design, as well as preparation of contract plans, estimates, and specifications. This project included the design of roadway and pedestrian tunnel lighting, ITS, and traffic signals for the reconstruction of University Drive in Fargo, North Dakota. The proposed lighting is part of the roadway reconstruction and creation of a multi-use path pedestrian tunnel in this area. The roadway lighting design provides significantly improved lighting for the roadway and intersections. LED luminaires on 40' galvanized steel light poles were specified to replace the existing HPS lighting and reduce energy consumption. The lighting layout was designed to minimize the number of poles. Pedestrian tunnel lighting was designed to provide excellent light levels and uniformity for the safety of pedestrians. Permanent and temporary traffic signals were also designed for three intersections. |
| 10/12 – 03/16 | **I-90 Jane Addams, Design & Corridor Management, Illinois Tollway, Cook/Kane County, IL.** *Lighting Design Lead.* Lighting design lead who led the design of continuous freeway lighting for nearly 6.9 miles. The design included four interchanges which are completely lit with 50-foot aluminum poles and LED luminaries, and five underpasses also with LED luminaries. Greg also designed the temporary wood pole lighting units. The design of this project included seven miles of widening and reconstruction of the I-90 Tollway. Work tasks included mainline and interchange design, toll plazas, lighting, ITS, utility re-locations, and bridge replacements. |
| 02/16 – 03/17 | **IL 89 over the Illinois River, Illinois Department of Transportation, Spring Valley, IL.** *Project Manager.* Project manager responsible for managing the lighting design team, as well as preparation of contract plans, estimates, and specifications. Originally built in 1934, the 19-span, 1,775-foot IL 89 bridge over the Illinois River is a bent steel truss structure in need of removal and replacement. The proposed new bridge includes increased width, bicycle/pedestrian accommodations, and street lighting along the parapet. Other elements of the project include traffic control, review of crash data, and coordination with the Army Corps of Engineers to design the structure to prevent future pavement flooding. The proposed bridge includes increased width, bicycle/ pedestrian accommodations, and LED street lighting along the parapet. Other elements of the project include LED bridge navigation lighting to assist in river traffic navigation. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Kordel Braley, PE, PTOE *(MPR 6)***<br>Associate Vice President | | Years of Relevant Experience with this Employer | 6 |
| | | Years of Relevant Experience with Other Employer(s) | 12 |
| Degree(s)/Years/Specialization | MS/2007/Civil & Environmental Engineering; BS/2005/Civil & Environmental Engineering | | |
| Active Registration Number/State/ Expiration Date | PE.0047329/LA/03.31.2025<br>Addtional active license: PE AZ, CO, ID, NV, TX, UT; PTOE/#3173 | | |
| Year Registered | 2022 (LA) | Discipline | Civil Engineering |
| Contract Role(s)/Brief Description of Responsibilities | **MPR 6 Traffic Operations and Safety.** *Kordel is a senior traffic engineer with extensive experience in transportation analysis. He specializes in the development and application of complex microsimulation models such as VISSIM to help planners, designers, and decision-makers create safe and efficient projects. In Texas, Kordel has led or assisted in the development of several Interchange Access Justification Reports (IAJRs). With the recent update of the FHWA Traffic Analysis Toolbox (TAT) Volume III, Kordel has worked proactively with TxDOT's DES Div to perform new types of analysis, including cluster analysis and statistical evaluation of alternatives to provide a more data-driven approach to traffic analysis.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 07/21 – 10/22 | **TxDOT, I-10/I-410 (North) Interchange Evaluation, San Antonio, TX.** *Traffic Task Lead.* Kordel providing preliminary analysis of the I-10/I-410 interchange evaluation in northern San Antonio. AECOM is evaluating several options for this interchange and approach legs and developing a preferred alternative to advance to the schematic/ENV phase. Kordel led the traffic team in using innovative analysis procedures to evaluate existing and future no build conditions and assist in the development of alternatives. Kordel worked collaboratively and proactively with the other discipline leads to identify and document issues and develop and analyze potential options. |
| 06/19 – present | **TxDOT, LP 1604, FM 1346 to FM 1303, San Antonio, TX.** *Lead Traffic Engineer.* Kordel provided traffic design, including capacity analysis of segments and intersections using HCS and Synchro. He collected and processed traffic from active and passive sources, developed traffic forecasts, and analyzed travel times, delay, and LOS. He also supported design of signing and pavement marking, performed traffic engineering at intersections, supported environmental analysis, and oversaw predictive safety analysis. |
| 10/18 – present | **TxDOT, LP 1604 and I-10 Schematic and IAJR, San Antonio, TX.** *Lead Traffic Engineer.* Kordel is the traffic lead for the development and calibration of a VISSIM model for over 20 miles of freeway and frontage road corridor in northern San Antonio. The model was used to evaluated numerous scenarios and to prepare a draft IAJR for the I-10 interchange area. The IAJR also included a detailed crash analysis and predictive safety analysis using ISATe. The IAJR was approved by FHWA in 2022. Kordel is now leading efforts to analyze dozens of traffic control plans for construction of this project ensuring safety of all modes. |
| 09/19 – 07/22 | **TxDOT, I-35W at US 67 IAJR, Alvarado, TX.** *Lead Traffic Engineer.* Kordel developed an IAJR for this project that improves safety and operations to I-35W near US 67 in Alvarado. The IAJR analyzes the impacts to mainlanes, frontage roads, and frontage road cross streets both in terms of traffic operations but also safety. The IAJR was approved in 2022. |
| 07/20 – present | **TxDOT, Oak Hill Parkway Design Build, Austin, TX.** *Lead Traffic Engineer.* Kordel provided traffic analysis and development of VISSIM models for maintenance of traffic phases and steps for this freeway construction project, which involves the reconstruction and widening of US 290 from the east end of Circle Drive to Loop 1 (MoPac) and SH 71 from US 290 to Silvermine Drive in Travis County. |

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| 06/18 – present | **Lehi City, On-Call Traffic Engineering Support, Lehi, UT.** *Project Manager, Traffic Engineer.* Kordel works with Lehi City on an on-call basis to provide traffic engineering support for its Engineering and Public Works departments. Work tasks include traffic signal warrants, pedestrian studies, safe routes to school studies, and speed studies. One larger task order included identifying and prioritizing several gaps in pedestrian facilities in the northeast portion of Lehi. With the opening of a new high school, the city desired to improve conditions for pedestrians. In addition to making several recommendations for controlled and uncontrolled pedestrian crossings, he also helped identify gaps in sidewalk facilities and developed a simple and transparent prioritization process to assist the City complete the missing gaps. |
| 12/13 – 12/18 | **Utah Valley Express (UVX) Bus Rapid Transit Final Design, Utah County, UT.** *Traffic Engineer.* Kordel provided traffic engineering and forecasting services for the Utah Transit Authority (UTA) for the design of a 10.5-mile Bus Rapid Transit (BRT) line in Provo and Orem, Utah. Kordel performed microsimulation analysis—using VISSIM—of one of the three design segments that covered 900 East to assist the designers in intersection and signal design including transit signal priority (TSP). Kordel also provided traffic engineering support during construction. Kordel's involvement in this project began with a previous employer where he was the lead planner involved in the Provo/Orem BRT Second Opinion Study completed for the Provo Municipal Council in 2014. This study involved close coordination and collaboration with multiple stakeholders including UTA, UDOT, MAG, WFRC, Provo City, BYU, and the LDS Church (MTC). The study successfully brought multiple parties together and helped the BRT project continue to progress. |
| 04/15 – 06/18 | **UDOT, Traffic Study Support, Statewide, UT.** *Project Manager, Traffic Engineer.* Kordel led efforts to for traffic studies on an on-call basis. Comprehensive traffic studies were required to be delivered on short notice, usually within 1 week of request. Over a 3-year period, Kordel's team completed nearly 300 studies, including signal warrants, HAWK warrants, advanced warning system warrants, left-turn studies, pedestrian crosswalk studies, speed studies, passing zone studies, and advisory curve speed studies. These studies were preformed across all four regions in Utah. Individual tasks on these studies included data collection, analysis, report preparation, and coordination with the UDOT review team, who is responsible for approving the final studies. These studies also included a cursory safety review using data from UDOT's web-based crash portal (Numetric). Kordel also assisted the project team in evaluating and creating analysis methodologies, such as a warranting process for advance signal system installation, left-turn phasing, and pedestrian crossings. Kordel has collaborated with other consultants and UDOT staff to deliver traffic and safety engineering studies to UDOT. |
| 04/20 – 10/21 | **Wasatch Front Regional Council, Local Link Alternatives Analysis, Salt Lake City, Millcreek, and Holladay, UT.** *Deputy Project Manager, Lead Traffic Engineer.* Kordel provided traffic engineering services for this alternatives analysis of transit along 1300 East and Highland Drive in Salt Lake City, Millcreek, and Holladay. He participated in the development of travel times and preparation of ridership estimates for several options, including light rail transit, bus rapid transit, streetcar, and enhanced bus along two alignments. VISSIM models will also be used to evaluate alternatives. |
| 04/21 – 08/21 | **Benefit-Cost Analysis for US 101/Hearn Avenue Interchange Project, Santa Rosa, CA.** *Lead Traffoc & Safety Engineer.* Kordel assisted in the preparation of this report in support of the RAISE Funding Application. He analyzed both traffic and safety data to quantify the economic benefit of adding vehicle, bike, and pedestrian capacity to the Hearn Avenue Interchange. The addition of capacity to a US 101 exit ramp was also considered as queued vehicles currently extend onto SB US 101. The analysis included both predictive safety analysis as well as the evaluation of crash modification factors (CMFs) from the Highway Safety Manual (HSM). Kordel also evaluated the benefits due to delay savings and air quality improvement in the region due to the proposed changes. |
| 07/19 – 01/21 | **Wasatch Front Regional Council, Comprehensive Strategic Mobility Plan, South Salt Lake City, UT.** *Project Manager.* Kordel managed South Salt Lake City's first transportation master plan. Major tasks included public involvement eforts to develop an online survey; leading a goals and visioning workshop with the advisory committee; developing draft goals, objectives, and policies; coordinating planning efforts with adjacent cities, including Millcreek and Salt Lake City; and developing draft system maps for freight, transit, pedestrian/trails, and bicycle networks. He led the development of scenarios, preparation of a list of catalytic projects, and writing of the draft report. The final strategic plan outlines an integrated mobility system that is safe, accessible, and inclusive for all, and promotes a thriving economy, supports healthy communities, and enhances quality of life. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Peter Bakhit, PhD, PE, PTOE**<br>Senior Traffic Engineer | | Years of Relevant Experience with this Employer | 2 |
| | | Years of Relevant Experience with Other Employer(s) | 4 |
| Degree(s)/Years/Specialization | PhD/2018/Civil Engineering; MS/2015/Civil Engineering; BS/2012/Civil Engineering | | |
| Active Registration Number/State/Expiration Date | PE/143705/TX/12.31.24<br>PTOE #5713 | | |
| Year Registered | 2022 | Discipline | Civil Engineering |
| Contract Role(s)/Brief Description of Responsibilities | **MPR 6. Traffic Operations and Safety.** *Peter is a professional engineer with more than five years of experience focusing on the transportation industry. He has experience working on projects for LADOTD pertaining to traffic and safety studies, feasibility studies, permanent signing design, signal design, and NEPA studies. His software skills include: Synchro, Vissim, VISTRO, ArcGIS, Freeval, MATLAB, R Studio, SPSS, MicroStation and HCS. Dr. Bakhit is also a member of ASCE and ITE organizations.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 04/19 – 01/22 | **LADOTD, Pete's Highway Interchange Alternatives & Environmental Assessment, Denham Springs, LA.** *Traffic Engineer.* Responsible for traffic analysis of proposed alternatives using Vissim software. |
| 04/18 – 05/19 | **LADOTD, Freeval Lane Closure Analysis: Major Metropolitan Areas, Baton Rouge, LA.** *Freeval Modeling.* Responsible for developing and calibrating the Freeval models for multiple freeway corridors in New Orleans, and Baton Rouge. This project aimed to provide a tool to analyze different lane closure scenarios for the interstate freeways in major metropolitan areas of Louisiana. |
| 06/19 – 12/19 | **LADOTD, US 61 Corridor Study (Airline Hwy), Baton Rouge, LA.** *Traffic Analyst.* Responsible for the corridor safety analysis. The purpose of the study is to assess traffic operations and potential safety improvements for this urban, four-lane divided highway. Scope of services include existing traffic data collection and analyses, safety data analyses, future traffic projections considering corridor growth rates, assessment of access management improvements (implementing "Superstreet" concept), and evaluation of concept using HCM methodologies. |
| 07/13 – 12/15 | **LADOTD, Development of an Optimal Ramp Metering Control Strategy For I-12, Baton Rouge, LA.** *Traffic Vissim Modeling.* Responsible for developing different traffic Vissim models with various ramp metering plans. The purpose of the study is to evaluate different ramp metering strategies to identify the optimal algorithm that can improve traffic operations on I-12. |
| 04/18 – 02/20 | **LADOTD, I-10 (LA 73 TO LA 429) Ascension Parish IMR & IJR Study, Ascension Parish, LA.** *Transportation Engineer.* Providing technical support for various tasks including data collection, development of build alternatives through a tiered analysis, and conceptual drawings of critical roadway geometry. The purpose of the project is to evaluate improvements to an existing interchange and configuration of two new interchanges along I-10 in Ascension Parish. |
| 04/18–02/20 | **I-10 (LA 73 TO LA 429) Ascension Parish IMR & IJR Study, LADOTD, Ascension Parish, LA.** *Transportation Engineer.* Providing technical support for various tasks including data collection, development of build alternatives through a tiered analysis, and conceptual drawings of critical roadway geometry. The purpose of the project is to evaluate improvements to an existing interchange and configuration of two new interchanges along I-10 in Ascension Parish. |
| 9/22- Present | **I-820 Schematics & Environmental, TxDOT, Fort Worth, TX.** *Traffic Engineer.* Responsible for existing safety analysis, data collection and processing , traffic modeling, development of alternative analysis and predictive safety analysis. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Jonathan Vavasseur, PWS**<br>Project Biologist | | Years of Relevant Experience with this Employer | 6 |
| | | Years of Relevant Experience with Other Employer(s) | 15 |
| Degree(s)/Years/Specialization | BS/2002/Wildlife and Fisheries Sciences | | |
| Active Registration Number/State/Expiration Date | PWS #3029/National/NA; FHWA-NHI-142005 NEPA and Transportation Decision-Making/2016; NHI 142073 Applying Section 4(f): Putting Policy to Practice/2017 | | |
| Year Registered | 2018 | Discipline | Certified Professional Wetland Scientist |
| Contract Role(s)/Brief Description of Responsibilities | **Environmental and Permitting Services.** *Jonathan has experience in environmental, regulatory, and ecological consulting with a strong concentration in wetland ecology. He has served as the team leader and field coordinator for environmental project teams. Jonathan has led various projects that range from wetland delineations, threatened and endangered (T&E) species surveys, biological assessments, and environmental site assessments throughout the southeastern US for federal and state agencies, municipalities, and private clients.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 11/20 – 04/21 | **City or East Baton Rouge, College Drive Corridor Improvements, LA.** *Senior Biologist/Permitting Specialist.* Jonathan conducted wetland delineations, T&E surveys, and Section 404/10 permitting for all roadway segments within the proposed improvement corridors. |
| 07/20 – 09/20 | **City of East Baton Rouge, Jones Creek Road Extension, LA.** *Senior Biologist/Permitting Specialist.* Jonathan conducted wetland delineation and T&E surveys as well as Section 404/10 USACE permitting |
| 02/19 – 08/20 | **NASJRB, New Orleans, LA.** *Project Manager, Senior Biologist.* Jonathan conducted wetland and T&E species field surveys, technical reporting, and NEPA documentation for a 500+ acre proposed vegetation clearing project for the Department of Defense. |
| 07/18 – 06/19 | **Wanhua Chemical US Holdings, St. James Parish, LA**. *Project Manager, Senior Biologist.* Jonathan conducted wetland delineations and T&E species surveys for five sites. He was the lead permitting specialist responsible for obtaining USACE Section 404/10 permits and LADNR Coastal Use Permitting (CUP). Work included conducting wetland and T&E species field surveys and reporting as well completing and submitting all required federal and state regulatory permits. |
| 02/15 – 07/15 | **Colonial Pipeline Company Anomaly Digs.** *Lead Field Biologist, Permitting Specialist.* Jonathan conducted wetland delineations, T&E surveys, technical reporting, and habitat restoration for approximately 75 anomaly locations in Louisiana and Mississippi. Work included project coordination and conducting wetland, T&E field surveys, technical reporting, and regulatory permitting. |
| 07/14 – 07/15 | **Baton Rouge Metropolitan Airport.** *Lead Field Biologist and Project Coordinator.* Jonathan conducted wetland delineations and technical reporting for an approximate 220-acre tract owned by the Baton Rouge Metropolitan Airport. Work included project coordination and conducting wetland delineations at the request of the New Orleans District, USACE. |
| 08/15 – 08/18 | **LADOTD, DCL for FHWA Funded Highway Projects, Statewide, LA.** *Environmental Impact Specialist, DCL (Biologist).* Jonathan coordinated and oversaw all wetland projects for the LADOTD. He was the lead biologist responsible for coordinating all linear and tract wetland delineations and technical reporting for numerous federally funded highway projects all over the state of Louisiana. Work included serving as the environmental coordinator, coordinating and conducting the wetland and T&E field surveys, NEPA processing for federally funded highway projects, and as technical reporting for state highway projects. |
| 04/13 – 02/15 | **Port of Greater Baton Rouge, LA.** *Lead Field Biologist, Regulatory Specialist.* Jonathan conducted wetland delineations, T&E surveys, and regulatory permitting for numerous tracts owned by the Port of Greater Baton Rouge. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Shelley Hartsfield, MA**<br>Principal Investigator | | Years of Relevant Experience with this Employer | 17 |
| | | Years of Relevant Experience with Other Employer(s) | 7 |
| Degree(s)/Years/Specialization | MA/2012/Anthropology; BS/2001/Anthropology | | |
| Active Registration Number/State/Expiration Date | NA | | |
| Year Registered | NA | Discipline | NA |
| Contract Role(s)/Brief Description of Responsibilities | **Environmental and Permitting Services.** *Shelley a Principal Investigator for archaeology and Certified Project Manager for AECOM's Environmental Business Line, with over 18 years' experience in Cultural Resource Management, conducting all phases of archaeological projects in the field, laboratory, and office. During her career, she has conducted archaeological investigations for hundreds of miles of linear infrastructure and thousands of acres for renewable energy projects, which include transmission lines, pipelines, rail lines, roadways, solar farms, and wind farms, as well as processed tens of thousands of artifacts for curatorial facilities in Texas, Oklahoma, Louisiana, and Kansas.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 9/20 – 01/21 | **College Drive Perkins Road to I-10, City-Parish Project No. 19-EN-HC-0033, Baton Rouge, East Baton Rouge Parish, LA.** *Principal Investigator.* Shelley conducted the background study and coordination with the Louisiana State Historic Preservation Office regarding archaeological and historic resources for the undertaking. |
| 06/20 – 08/20 | **Phase I Cultural Resources Investigation of the Proposed Jones Creek Road Extension, Jefferson Highway to Airline Highway, City Parish Project N. 12-CS-HC_0060, City of Baton Rouge, East Baton Rouge Parish, LA.** *Principal Investigator.* Shelley oversaw the archaeological field efforts and is the primary author of the Phase I investigation report. |
| 06/13 – 08/23 | **Phase I Cultural Resources Investigations of the Proposed Jones Creek Road Extension, Tiger Bend Road to Airline Highway, City Parish Project No. 12-CS-HC_0060, City of Baton Rouge, East Baton Rouge Parish, LA.** *Principal Investigator.* Shelley oversaw the archaeological field efforts and is the primary author of the Phase I investigation report. |
| 11/20 – 02/21 | **Phase I Cultural Resources Survey Report for the Port of South Louisiana Globalplex Multi-Modal Connections Project, Reserve, St. John the Baptist Parish, LA.** *Principal Investigator.* Shelley oversaw the archaeological field efforts and is the secondary author of the Phase I investigation report. |
| 06/20 – 07/20 | **Phase I Cultural Resources Investigation of the East Gate Relocation Project, Barksdale Air Force Base, Bossier Parish, LA.** *Principal Investigator.* Shelley oversaw the archaeological field effort, was the author of the Phase I investigation report, aided in the contribution for cultural resources to the Environmental Assessment, and conducted the preparation and submission of all records produced from the investigation, submitted to the curatorial facility at Barksdale Air Force Base. |
| 10/15 – 07/20 | **Dallas to Houston High Speed Rail Archaeological Resources Survey, Federal Railroad Administration, Dallas, Ellis, Navarro, Freestone, Limestone, Leon, Madison, Grimes, Waller, and Harris Counties, TX.** *Project Archaeologist.* Shelley coordinated the archaeological field effort, aided in the production of the Environmental Impact Statement contribution for cultural resources, produced the Programmatic Agreement for the project, and has coordinated with the lead federal agency and the Texas Historical Commission in support of compliance with Section 106 of the National Historic Preservation Act (NHPA), the Antiquities Code of Texas, and NEPA, as well as lead author and technical reviewer of the archaeological reports produced for this project. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Abby Tomlinson**<br>Communication Senior Manager | | Years of Relevant Experience with this Employer | 6 |
| | | Years of Relevant Experience with Other Employer(s) | 6 |
| Degree(s)/Years/Specialization | MA/2011/Mass Communication; BS/2009/Public Involvement | | |
| Active Registration Number/State/Expiration Date | NA | | |
| Year Registered | NA | Discipline | NA |
| Contract Role(s)/Brief Description of Responsibilities | **Public Engagement.** *Abby has experience in execution and management of all aspects of public involvement, including high-level stakeholder coordination, management of the NEPA public involvement process, coordination and development of multi-platform communications campaigns and grassroots stakeholder engagement. Her multimodal project portfolio includes highway/ bridge, transit, aviation, emerging technologies, and seaports.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 01/20 – present | **TxDOT, Transportation Planning and Programming Extension of Staff, Statewide, TX.** *Outreach Oversight Lead.* Abby is currently supporting TxDOT's statewide outreach oversight team, located within the TPP organization. Support long-term initiatives including the development of statewide engagement toolkits targeted at typically underserved populations; assisting in the outreach related to Unified Transportation Plan updates, including managing and reporting out on comments received from the public; development of a suite of materials related to online engagement, including tear sheets and presentations on each of three major platforms (MetroQuest, Bang the Table and Social Pinpoint); development of content sites on each platform at the request of District project teams. Developed a memo for the Commission's consideration that evaluates various open comment options and makes recommendations for updates to Commission policies. Upon approval of policy changes, began to lead the implementation team to develop materials and processes related to these policy updates. |
| 07/21 – present | **City of Austin, Transit Enhancements Project, Austin, TX.** *Task Lead.* City of Austin strategy and boots-on-the ground, pop-up style engagement to share information about potential transit-supportive investments outside of the Project Connect System. Engagements focus on better understanding current transit users experiences and connecting those experiences with potential transit service improvements. In-community engagement strategies netted hundreds of completed surveys from current system users that generally matched the demographic breakdown of CapMetro's rider profile, meeting multiple outreach goals set by the project team. |
| 10/22 – present | **Invenergy, Grain Belt Express EIS, KS and MO.** *Lead Public Involvement.* This project is a 530-mile transmission line project across two midwestern states. Led the development of all content, including a property owner mailing to a 3,000-person list developed by the AECOM team, a website, and all materials and logistics for two virtual engagement sessions and four public meetings across the two states. Materials included a presentation, a set of exhibits, a fact sheet, and logistics included coordination of two teams from three different entities across the two states for a week of activities. |
| 09/22 – present | **TxDOT, Gulf Freeway (I-45S) Planning and Environmental Linkages Study and I-45N Planning and Environmental Linkages Study, Houston, TX.** *Public Involvement.* Lead materials development and logistical planning for stakeholder and public outreach efforts for this PEL study. In addition to stakeholder meetings with agency partners and elected officials, this project includes both virtual and in-person outreach to the general public. Outreach includes traditional open houses, as well as virtual engagement strategies including virtual presentations, social media outreach, and virtual surveys through MetroQuest. |

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| 05/22 – 12/22 | **Arizona Department of Transportation, ADOT Electric Vehicle Infrastructure Deployment Plan, Statewide, AZ.** *Public and Stakeholder Outreach Task Leads.* Development of a statewide electric vehicle deployment plan. Specific tactics included the development and maintenance of a 300+ member stakeholder list and the materials and logistical management of a stakeholder meeting attended by hundreds of policymakers, advocacy groups, and transportation officials. The stakeholder meeting achieved high participation and good feedback on the use of virtual engagement tools including Zoom Webinar, Mentimeter, and Survey Monkey. The project also included a statewide virtual public meeting attended by hundreds and a series of in-person public meetings throughout the state. |
| 05/22 – 12/22 | **Central Yavapai Metropolitan Planning Organization, Sundog Connector, AZ.** *Public Engagement Task Lead.* This project is a controversial greenfield project in rural Arizona. Worked with project technical team to develop outreach approach and materials (exhibits and FAQs) aimed at developing informed consent for the project. Crafted an approach to the open house that engaged participants in targeted activities to break down general controversy into specific points of feedback for use by the technical team. |
| 09/19 – 11/21 | **Utah Department of Transportation Express Lanes, Messaging Support, Salt Lake City, UT.** *Outreach.* Strategic messaging guidance and support for the UDOT Express Lanes team in the redevelopment of website content and overall messaging strategy. She supports the development of a user survey designed to better understand driver habits and motivations and has supported the development of a smartphone application for use by drivers as part of a new pilot program. |
| 10/19 – present | **DFW Airport, Communications Project Manager, DFW, TX.** *Project Lead.* Internal stakeholder coordination exercise designed to assess and document the lessons learned from recent major airfield construction projects. Conducted facilitated conversations with more than 100 participants representing all aspects of airport operations and each phase of the project lifecycle. Worked to isolate and describe trends and implementable lessons learned in a comprehensive report on the effort. Continue to support the effort though the development of tools and processes designed to facilitate and improve stakeholder collaboration and communication. Developed materials to assist in community engagement, planned and executed constructor outreach events for major projects, and authored award submissions for various projects and industry/publication award cycles. |
| 03/19 – present | **Capital Metropolitan Transportation Authority, Project Connect Orange Line EIS, Austin, TX.** *PI Task Lead.* Pre-construction project development for the 21-mile, urban corridor light rail spine of Austin's future transit system. Managed the development and execution of the entire stakeholder engagement strategy including all messaging and materials for the public, media, elected officials, EJ, and internal audiences. Developed the project's Public Involvement Plan with an emphasis on engaging typically underrepresented audiences and supported regular analysis to determine success against target metrics. Stress a collaborative approach to engagement through hands-on community workshops, virtual engagement tools and one-on-one stakeholder meetings with key audiences and community members. Support the Agency in property owner outreach, day-to-day management of public and stakeholder inquiries, and day-to-day documentation needs. Authored Chapter 5 (engagement chapter) for the EIS document along with the management of several rounds of iterative reviews from the Agency, Collaborating Agencies, and the Federal Transit Administration. Developed a high-quality, graphic EIS Executive Summary for the project which highlights the results of each chapter and tech report. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Kelly Duggan, AICP**<br>Senior Urban Planner | | Years of Relevant Experience with this Employer | <1 |
| | | Years of Relevant Experience with Other Employer(s) | 12 |
| Degree(s)/Years/Specialization | MURP/2010/Historic Preservation | | |
| Active Registration Number/State/Expiration Date | APA ID: 340795/AICP | | |
| Year Registered | 2017 | Discipline | Urban Planning |
| Contract Role(s)/Brief Description of Responsibilities | **Complete Streets/Bicycle, Public Engagement.** *Kelly brings experience in both the public and private sectors. She has worked in a diverse range of disciplines, including regulatory planning, parks and recreation design and construction, active transportation planning and implementation, and land use consulting. Her main areas of expertise include master planning, project management, zoning and land use policy, bike/ped planning and facility design, and public engagement. She also has experience in working with clients to assess needs, develop scopes of work, negotiate contracts, and monitor project progress.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 11/23 – present | **DOTD, I-49 Connector project.** *Senior Urban Planner.* Responible for NEPA planning for, public engagement, crash data analysis and visualization, green infrastructure planning |
| 04/24 - present | **City of Fort Worth Master Transportation Plan, Fort Worth, TX.** *Deputy Project Manager.* Kelly leads the development of a comprehensive planning framework that supports the city's vision for 2050. This includes setting clear goals, identifying existing transportation conditions, and assessing future needs across all modes—roads, transit, biking, and walking. Kelly ensures that the prioritization of improvements is data-driven and focused on enhancing multimodal connectivity, safety, and equity. |
| 04/24 - present | **Dallas Area Rapid Transit (DART) Lancaster Corridor Bike/Ped Station Access Plan, Dallas, TX.** Planning and conceptual design for safety improvements at five light rail stations including crosswalks, signal enhancements, controlled ROW access, improved signage/wayfinding, and enhanced lighting. Site analysis involved crash data analysis and safety assessment to reduce bike/ped - train/vehicular accidents. |
| 04/21 – 05/22 | **BREC, The Health Loop, Baton Rouge, LA.** *Project Manager.* BREC's Health Loop is a 10+ mile bicycle/pedestrian system that connects the Health District to surrounding neighborhoods and businesses. It comprises a mixture of on-road and off-road facilities to create a continuous loop for transportation and recreation. Kelly led all phases of planning, design, ROW acquisition, construction, operations, and maintenance of segments within the system. |
| 03/21 – 04/22 | **Greenwood Greenway, Phase II, Baton Rouge, LA.** *Project Manager.* Kelly oversaw the extension of an existing multi-use path along the perimeter of Greenwood Community Park. The project featured a key waterbody crossing and included critical bank stabilization efforts, long-term erosion control measures, and bank shaping to support the installation of a new bike and pedestrian bridge, enhancing active transportation access and connectivity within the park. |
| 07/21– 04/22 | **Scotlandville Parkway Wayfinding Plan, Baton Rouge, LA .** *Project Manager.* Kelly produced a wayfinding plan and designed related signage, maps, and other assets for the Scotlandville Parkway Greenway. The project involved public engagement in the naming of greenway segments, partnership with Southern University to utilize historic photography in an "Art Walk" along the trail, as well as administration of an AARP grant that funded the project. |
| 01/22-04/22 | **East Baton Rouge Parish Pedestrian and Bicycle Master Plan Update, Baton Rouge, LA.** *Project Manager.* Worked with the City-Parish and DOTD to update the Bike/Ped Master Plan. The project involved updating crash and demographic data to re-assess need, enhancing maps for greater legibility and accessibility, conducting community engagement, and reconciling the prioritization of routes with project feasibility/funding availability. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Zoe Knesl**<br>Environmental Staff Professional | | Years of Relevant Experience with this Employer | 16 |
| | | Years of Relevant Experience with Other Employer(s) | 15 |
| Degree(s)/Years/Specialization | MS/2002/Marine Science ; BA/1994/Integrative Biology/Ecology; BA/1994/Studio Art | | |
| Active Registration Number/State/Expiration Date | ArcView 3.2 and GPS Mapping for GIS with Trimble Geo Explorer Certification; OSHA HAZWOPER 40-Hour Training, 8-Hour Refresher Training, and Annual Medical Exam; OSHA 30-hour Construction Supervisor Training; USACE Wetlands Delineation Training Certification #5535 | | |
| Year Registered | NA | Discipline | NA |
| Contract Role(s)/Brief Description of Responsibilities | **Environmental and Permitting Services.** *Zoe has 31 years of experience conducting □ eld surveys, Phase I and Phase II Environmental Site Assessments (ESAs), and reporting, NEPA documentation and impact assessment, GPS data collection, wetlands delineation, and various laboratory procedures. She has conducted data collection, entry, and analysis on various ecological and environmental projects, including soil and water data and reporting. Zoe has authored sections on NEPA impacts for aquatic ecology, terrestrial ecology, wetlands, water resources, land use, and aesthetics/ visual resources. She has organized sample collection and report generation. Her laboratory skills include stable isotope analysis; preserving organisms in formalin; identifying benthic invertebrates, plants, and marine and freshwater algae; and various procedures employed during forensic DNA analysis. She also has experience identifying plants and soil types* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 11/20 – 04/21 | **City of Baton Rouge, Baton Rouge LA.** *Environmental Scientist.* Zoe conducted a Phase I ESA of the ROW of the College Drive Corridor in Baton Rouge, East Baton Rouge Parish, Louisiana. |
| 11/18 – 02/22 | **Cotton Creek Capitol.** *Environmental Scientist.* Zoe conducted multiple Phase I ESAs on developed and undeveloped properties in Texas and Louisiana. |
| 06/19 – 12/21 | **City of Austin, TX.** *Environmental Scientist.* Zoe conducted multiple Phase I ESAs on a variety of properties in Austin, Texas. |
| 10/08 – 03/19 | **Siemens Water Technologies, Former Siemens Site, Long-Term Monitoring, New Orleans, LA.** *Environmental Task Manager.* Zoe condcted long-term monitoring of a facility, including field sampling, and generated quarterly and annual reports. She coordinated with the laboratory and facility and developed a proposal for additional investigation with a horizontal drill rig. |
| 06/08 – 04/10 | **US Army Corps of Engineers (USACE), Phase I Environmental Site Assessments.** *Environmental Scientist.*<br>– USACE Phase 1 ESA for Pump Stations, New Orleans, LA. Zoe conducted a Phase I ESA of 26 sites in Orleans Parish for potential storm-proofing activities in the pump stations and water plant.<br>– USACE Phase 1 ESA Stockpiles, New Orleans, LA. Zoe conducted a Phase I ESA of four large sites in Orleans Parish for possible stockpiling locations.<br>– USACE Phase 1 ESA, New Orleans, LA. Zoe conducted a Phase I ESA of five miles of levees in Orleans Parish.<br>– USACE, Phase II ESA, New Orleans, LA. Zoe participated in the analysis and preparation of a Phase II report investigating potential soil impacts adjacent to two floodwalls in Orleans Parish. |
| 04/10 – 07/10 | **Veterans Administration and Federal Emergency Management Agency, Phase I ESA for New Hospital Site, New Orleans, LA.** *Environmental Scientist.* Zoe conducted a Phase I ESA of 39.8-acre site for an alternative location for the hospital. She participated in a scoping meeting and provided support for document preparation. |

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| 05/10 – 10/16 | **US Department of Veterans Affairs (VA), Dixie Brewery Phase II Investigation, New Orleans, LA.** ***Environmental Scientist.*** Zoe conducted several Phase II investigations with soil and water sampling. She assisted in taking over 100 soil samples and installing four temporary monitoring wells. She monitored asbestos and lead abatement activities and coordinated subcontractors for contaminated soil, underground storage tank, and hazardous waste removal. She coordinated with the VA, its contractors, and Louisiana Department of Environmental Quality regarding sampling, waste disposal, and RECAP requirements. She also performed data table organization, GPS coordinate logging, and regulatory research. |
| 04/11 – 04/11 | **USACE Phase I ESA, Pump Stations, Baton Rouge, LA.** ***Environmental Scientist.*** Zoe conducted a Phase I ESA of 11 sites in preparation for potential rebuilds and upgrades. |
| 07/13 – 07/13 | **Entergy Services, Inc., Phase II Limited Site Investigation and Phase I ESA, Various Locations.** *Environmental Scientist.* Zoe conducted and reported on a Phase I ESA of a boiler facility and a cooling facility for a power company. |
| 06/14 – 05/19 | **LANXESS Corp./Arlanxeo Groundwater Monitoring and Report Preparation, Orange, TX.** ***Environmental Scientist.*** Zoe conducted groundwater monitoring sampling and generated a draft annual report, including data evaluation and text. |
| 09/15 – 09/15 | **Entergy Corporation, Liquefied Natural Gas Power Plant Phase I ESA, El Dorado, AR.** ***Environmental Scientist.*** Zoe participated in the Phase I ESA of a LNG power plant, including site visit, draft report, and historical and governmental research. |
| 02/16 – 08/19 | **SCT&E LNG Inc., Cameron, LA.** *Environmental Scientist.* Zoe completed a Phase I site assessment of an undeveloped island. |
| 07/16 – 07/16 | **Harris Corporation, Lafayette, LA.** ***Environmental Scientist.*** Zoe performed a Phase I ESA for an office/warehouse property. |
| 09/17 – 09/17 | **Pilgrim Energy Partners.** ***Environmental Scientist.*** Zoe performed a Phase I site assessment of three industrial/commercial properties in Scott, LA. |
| 09/17 – 09/17 | **The Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF) and Federal Occupational Health (FOH).** ***Environmental Scientist.*** Zoe conducted a Phase I ESA and a limited Phase II site investigation for the future location of a dog kennel on Redstone Arsenal. |
| 07/18 – 05/19 | **Cotton Creek Capitol, Phase I ESAs.** ***Environmental Scientist.*** Zoe completed eight Phase I ESAs for properties in Louisiana and Texas. |
| 09/18 – 09/18 | **Port of New Orleans, LA.** ***Environmental Scientist.*** Zoe performed environmental site research and review for properties on the Industrial Canal. |
| 10/18 – 05/22 | **Dallas Water Utilities, City of Dallas, TX.** ***Environmental Scientist.*** Zoe completed multiple Phase I ESAs, File Review/Screening Reports, Phase II ESAs, and Waste Characterization Reports. |
| 11/18 – 11/19 | **CF Industries, Phase I ESA.** ***Environmental Scientist.*** Zoe completed an ASTM compliant Phase I ESA of a vacant property located on the Mississippi River in Louisiana. |
| 01/19 – 08/19 | **Diamond Beverage, Fairmont Hotel, Dallas, TX.** ***Environmental Scientist.*** Zoe completed a Phase III Report, Response Action Plan, and a Response Action Completion Report. |
| 05/19 – 08/19 | **City of San Antonio, TX.** ***Environmental Scientist.*** Zoe completed a Phase I ESA for a 12-block corridor on Broadway Street. |
| 04/19 – 06/19 | **City of Austin, TX.** ***Environmental Scientist.*** Zoe completed two Phase I ESA Reports for properties in Austin. |
| 06/19 – 08/19 | **Cargill, Phase I ESA.** ***Environmental Scientist.*** Zoe completed an ASTM compliant Phase I ESA of a vacant warehouse property located in Louisiana. |
| 08/19 – 08/19 | **Teachers Insurance and Annuity Association, Condrey Farms Phase I ESA, LA.** ***Environmental Scientist.*** Zoe conducted and authored a Phase I ESA of a 1,300-acre farm parcel in northern Louisiana. |

| Firm | AECOM Technical Services, Inc. | | |
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|  **Dan Nelson, AICP**<br>ITS Planner | | Years of Relevant Experience with this Employer | 19 |
| | | Years of Relevant Experience with Other Employer(s) | 0 |
| Degree(s)/Years/Specialization | MA/2006/Urban and Regional Planning/University of Iowa<br>BA/2004/Economics and American Studies/St. Olaf College | | |
| Active Registration Number/State/Expiration Date | American Institute of Certified Planners/#024115 | | |
| Year Registered | 2009 | Discipline | American Institute of Certified Planners |
| Contract Role(s)/Brief Description of Responsibilities | **ITS/TSP/EVP.** *Dan Nelson has been an ITS Planner in AECOM's Minneapolis Office for sixteen years. During this time, he has worked with multiple public transit agencies on Bus Rapid Transit and Transit Signal Priority projects and applied all steps of the Systems Engineering process* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 07/21 - present | **Madison East-West Bus Rapid Transit Project, Madison Metro Transit.** ***ITS Planner.*** Mr. Nelson supported the City of Madison and Metro Transit in providing technical oversight of the implementation of TSP system operations along the Madison East-West BRT project. This included coordination with City of Madison transit and traffic operations personnel to discuss alternatives for TSP operations and use of City's fiber infrastructure to send TSP requests to signal controllers |
| 03/22 - present | **Tennessee Department of Transportation (TDOT), AVL System Requirements/RFP Development, Gatlinburg, TN.** ***ITS Planner.*** Mr. Nelson led a task order project with the Tennessee DOT to develop a set of system requirements to be used by the City of Gatlinburg, TN in procuring a new Automated Vehicle Locator (AVL) system and other in-vehicle ITS devices, including interior and exterior transit vehicle cameras. Mr. Nelson also assisted the City in developing an RFP to use for the procurement of the AVL system and ITS hardware. Mr. Nelson coordinated with Tennessee DOT staff regarding the City's funding application to the state to support the procurement process. |
| 01/19 - 02/20 | **Miami-Dade County Transitway Bus Rapid Transit Project, Miami-Dade County, 2019.** ***ITS Planner.*** Mr. Nelson developed a Concept of Operations for the Miami-Dade County South Corridor Transitway Bus Rapid Transit project. Mr. Nelson facilitated a stakeholder meeting in March 2019 with agency representatives from multiple departments to gather comments on operational scenarios developed to illustrate how system technology components would function to support centralized TSP operations on the corridor. Mr. Nelson also developed a Systems Engineering Management Plan (SEMP) for the project. |
| 05/17 - 08/18 | **Omaha Rapid Bus Transit Project, Omaha Metro Transit.** ***ITS Planner.*** Mr. Nelson assisted Omaha Metro Transit Authority and the City of Omaha in the development of project specifications and estimates for the deployment of TSP technology for the Omaha Rapid Bus Transit (ORBT) project. This includes the development of hardware and software specifications for Omaha Metro Transit and for the City of Omaha to consider in the procurement of TSP System hardware and software that can be compatible with existing Emergency Vehicle Pre-emption equipment. Mr. Nelson also prepared cost estimate information to guide the procurement and installation of the TSP System on BRT vehicles and at City of Omaha intersections. |
| 07/16 - 04/17 | **UTA Provo-Orem Transportation Improvement Project, Provo, UT.** ***ITS Planner.*** Mr. Nelson assisted the Utah Transit Authority and the Utah Department of Transportation in the development of Technical System Requirements for a Transit Signal Priority (TSP) System to be installed as part of the Provo-Orem Bus Rapid Transit (BRT) line. In addition to the TSP System, this 10.5-mile long BRT line includes 21 station platforms with level boarding, platform canopies, and off-board fare collection, among other amenities. Mr. Nelson presented the Technical System Requirements to UTA and UDOT for use in the procurement of BRT technologies. |

| Firm | AECOM Technical Services, Inc. | | |
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|  **Christian Lynn, PLA, ASLA**<br>Landscape Architecture | | Years of Relevant Experience with this Employer | 14 |
| | | Years of Relevant Experience with Other Employer(s) | 5 |

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| Degree(s)/Years/Specialization | MA/2007/Landscape Architecture, Cornell University<br>BA/2004/Kenyon College | | |
| Active Registration Number/State/Expiration Date | Landscape Architect, Ohio, LA.1001236, 2010<br>Landscape Architect, Pennsylvania, LA003100, 2014<br>Landscape Architect, New York, 002330, 2012 | | |
| Year Registered | 2010 | Discipline | Landscape Architecture |
| Contract Role(s)/Brief Description of Responsibilities | **Landscape Architect.** *Christian is a landscape architect with 12 years of experience and leads the Planning and Landscape Architecture Group in the Cleveland office. His approach to all projects is anchored around the idea that a collaborative and iterative planning and design process ultimately leads to a more successful solution. He has a diverse array of experience collaborating across engineering disciplines with focus on strategically leveraging large-scale infrastructure projects for the enhancement of public space. He has developed a depth of experience in transportation-oriented projects working to holistically address issues such as multi-modal connectivity, stormwater, and public space.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 05/21 - Present | **COTA East/West High-Capacity Transit Corridor, Columbus, OH.** *Landscape architect.* Development of the conceptual and final design of transit stations, streetscape, and mobility hubs along a 20-mile corridor in Franklin County. The corridor transects multiple jurisdictions and neighborhoods that each offer a unique character and socio-economic diversity that requires contextual design solutions. The strategic planning and conceptual design process associated with the neighborhood-centric station and station areas is being developed to serve as a template for future Bus Rapid Transit Corridors within the region. |
| 01/20 - 02/22 | **Downtown-Uptown-Oakland-East End Bus Rapid Transit Project, Pittsburgh, PA.** *Landscape architect.* Provided multi-modal design expertise for The Downtown-Uptown-Oakland- East End Bus Rapid Transit (BRT) Project. The project will provide a vital east-west connection between downtown Pittsburgh and the Uptown, Oakland, and East End neighborhoods. The project includes changes to both physical infrastructure and transit operations along the Downtown- Uptown-Oakland portion of the corridor (the "BRT Core") along with changes to transit operations in the East End portion of the corridor – Highland Park, Squirrel Hill, and the East Busway. |
| 02/16 - 09/19 | **Laker Line Bus Rapid Transit (BRT) Line, Grand Rapids, MI.** *Landscape architect.* Supported the urban design for a new Bus Rapid Transit (BRT) Line in Grand Rapids, Michigan. The new 12-mile long transit corridor connects Downtown Grand Rapids to Grand Valley State University in Allendale, MI. AECOM led the transit waiting environment for twenty stations, which included iconic custom bus shelters, sidewalk accessibility improvements, level boarding, custom seating, bicycle racks, wayfinding and signage, pay station kiosks, site furnishings, public art and placemaking elements, landscaping, lighting, crosswalks, medians, concrete bus stopping pads, and other roadway improvements. |
| 07/15 - 09/17 | **Youngstown Downtown Multi-Modal and Infrastructure Prioritization Plan, Youngstown, OH.** *Project Manager.* Connectivity and infrastructure master planning process that identified, prioritized, and developed guidelines for key infrastructure investment corridors within downtown Youngstown while also laying out standardized best practices for the implementation of the prioritized improvements. The underlying goal of the project was to strengthen the City's multi-modal network and connect the City's key economic and social assets. The process culminated in the comprehensive development of a $16M TIGER grant application. The application was ultimately successful upon resubmission and is currently being implemented. |

| Firm | AECOM Technical Services, Inc. | | |
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|  **Kevin Sheahen, PE, CPE**<br>Estimator/Scheduler | | Years of Relevant Experience with this Employer | 22 |
| | | Years of Relevant Experience with Other Employer(s) | 24 |
| Degree(s)/Years/Specialization | MBA/1986/Business Administration/University of Evansville<br>BS/1979/Mining Engineering/Michigan Technological University | | |
| Active Registration Number/State/Expiration Date | Certified Professional Estimator - ASPE | | |
| Year Registered | 2010 | Discipline | American Society of Professional Estimators |
| Contract Role(s)/Brief Description of Responsibilities | **Cost Estimator.** *Kevin has extensive experience encompassing cost estimating, construction project management, project scheduling, construction phase services, change order preparation, contractor/subcontractor interfaces, FTA Standard Cost Category Estimates, all phases and disciplines for railroad, light rail systems, aerial transit systems, BRT, highways and bridges, tunnels, underground construction, conveyor and material handling design, construction estimating, airport system estimating, structural designing, drawing QA/QC reviews, specification writing and constructability reviews.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 6/19 - 6/20 | **Urban Amenities and Cove Park, Flood Control and Park, NJ DEP, RI.** ***Estimator.*** Estimated 30%, 65%, 100% design for landscaping, earthwork, deep foundations, structural work, pedestrian bridge, and amenities. |
| 3/20 - 6/20 | **Washington Bridge Repair, Expansion & Ramp Additions, RIDOT, RI.** ***Estimator.*** Estimated 30% design for comparison by RIDOT for the Design Build project. |
| 3/20 - 6/20 | **Red Line and ROC Maintenance, METRO, Houston, TX.** ***Estimator.*** Prepared independent cost estimate for communications, signals, traction power and general track repair projects. (~$10M) |
| 3/20 - 5/20 | **Raw Water Screens and Chlorine Scrubber Replacement, GLWA, Detroit, MI.** ***Estimator.*** Prepared independent cost estimate for replacement of a chlorine scrubber fan and four raw water screens. (~$5M) |
| 6/19 - 12/20 | **Colton Container Yard, BNSF, Colton, CA.** ***Estimator.*** Lead estimator for 30%, 60% and 90% design cost estimates. Work includes bridges, civil work, utilities, trackwork, earthwork, and buildings. (~$2B) |
| 10/19 - 2/20 | **Red Line and ROC Tie Replacement, METRO, Houston, TX.** ***Estimator.*** Prepared independent cost estimate using bid documents (without knowing the bids or EE) and a site visit for tie replacement, RR crossings, and drainage work. ICE was 10% over the lowest bidders but less than the highest bidders. (~$18M) |
| 12/19 - 2/20 | **Wheeler Station Constructability, METRO, Houston, TX.** ***Estimator.*** Reviewed the scope of work of the I-69/59 TxDOT proposed grade change project as to the effects on the METRO Red Line and Wheeler Station. Assisted in establishing sequencing, procurement, tie-ins to the existing track, and phasing estimated durations. |
| 3/18-2/20 | **Clayton County Commuter Rail Project, MARTA, GA.** ***Estimator.*** Prepared conceptual estimates and phasing alternatives for 22 miles of new commuter rail adjacent to existing freight rail line including new bridges for clearance, station platform, new trackwork, vertical circulation, and deep cut retained walls. (~$900M) |
| 1/19-6/19 | **Kansas City Southern RR, TX & MX.** ***Estimator.*** Estimated fueling system storage, loading, unloading, and modifications of new and proposed systems. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Joshua Phillips, EI**<br>Transit Engineer | | Years of Relevant Experience with this Employer | 1 |
| | | Years of Relevant Experience with Other Employer(s) | 13 |
| Degree(s) / Years / Specialization | MS/2016/Transportation Planning and Management<br>BS/2011/Civil Engineering | | |
| Active Registration Number / State / Expiration Date | EIT# 48274/Texas/09.29.2029 | | |
| Year Registered | | Discipline | |
| Contract Role(s) / Brief Description of Responsibilities | **BRT Design.** *Joshua is Transit Engineer with 13 years of progressive experience. He provides high quality design and his technical expertise in transit engineering. He has swiftly acquired proficiency in cutting-edge technologies, including Bentley Inroads and OpenRoads, 3D Corridor Modeling, Geopak, AutoCAD, and Microsoft Office. Excelling in deadline-driven environment.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 11/23 – present | **Central Ohio Transit Authority, West Broad Street High-Capacity Transit Corridor Final Design & Construction, Columbus, Ohio.** *Design Engineer.* The project includes approximatively five miles of dedicated bus lanes, as well as the purchase of ten zero-emission or electric vehicles. The project will operate along the alignment in a combination of dedicated center and curbside guideways, as well as sections in mixed traffic. Joshua created the design and layout of the Movement of Traffic plans for the West Broad Street high-capacity transit corridor project in Columbus, Ohio. Joshua provided AutoCAD Autoturn movements to guide in design of clear turning movements of intersections curb radii. |
| 01/23 – 06/24 | **SH 288 Toll Lanes, Houston Texas.** *Design Engineer.* The project consisted of the design of SH288 included forty new bridges with eight new connector ramps to and from Beltway-8, eight connector ramps to and from IH-610, and two more connectors at the Texas Medical Centre. Joshua designed the proposed storm sewer plan and profile. I reviewed the survey and drafted the existing storm sewer system that was not going to be disturbed. Joshua utilized a Microstation to draft the proposed and vertical storm sewer profile. |
| 06/14 – 12/14 | **Hardy Toll Road: From south of FM 1960 to south of proposed Grand Parkway, Houston, Texas.** *Associate Engineer.* Joshua led the design of highway alignment using ensuring compliance with state and local standards. Joshua utilized Microstation to design and develop a precise roadway geometry to optimize safety, traffic flow, and land use, balancing environmental and community impacts. Joshua collaborated with survey teams to analyze topographic data, translating field information into alignment layouts. |
| 07/22-08/24 | **Metropolitan Transit Authority of Harris County, University Corridor Bus Rapid Transit, Houston, TX.** *Design Engineer.* The project includes level boarding, off-board fare collection, 47 battery-electric 60-foot buses, transit signal priority, and a new bus operating facility. Joshua designed the bus rapid transit system utilizing Power Inroads. Joshua utilized a software program, Power Inroads, to create cross sections and a 3D corridor of the main lanes and bridge/overpasses. Joshua also utilized Power Inroads to create the existing and proposed profile grade line of the existing roadway and railroad. |
| 04/12 – 03/17 | **IH 35W Segment 3B, Fort Worth, TX.** *Associate Engineer.* The project included the design of general-purpose lanes, managed lanes, 15 bridges and direct connectors, complex traffic control phasing, signing and pavement marking, signal design, high mast illumination, and public utility design and coordination. Joshua provided design services for drainage design, traffic control design, structural design, and ITS/Toll facilities design. Joshua utilized SignCAD software to design the large overhead signs. Joshua prepared design reports, alignment plans, and crosssections for stakeholder review and regulatory approval. |

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| Firm employed by Ardaman & Associates, Inc. | | | | |
| Name | **Megan Bourgeois, PE** | | Years of relevant experience with this employer | 18 |
| Title | PROJECT 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 | | | 36725 / LA / 03-31-2026<br>Traffic Control Supervisor / LA / 06-21-2028<br>DOTD Flagger / LA / 08-15-2028<br>Certified NHI Drilled Shaft Inspector | |
| Year registered | 2011 | Discipline | Civil | |
| Contract role(s) / brief description of responsibilities | | | **Project Manager** | |
| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). | | | |
| | ***Ms. Bourgeois** has more than 14 years of experience with shallow foundations, embankment settlement, pile and drilled shaft foundations, LRFD design, slope stability (embankment and excavation), pipeline and pump station recommendations, geotechnical instrumentation, and construction monitoring. She has managed numerous geotechnical investigations and design evaluations, managed laboratory testing programs, while also serving as Ardaman's program manager for many LADOTD projects for bridges and roadways throughout Louisiana. Ms. Bourgeois also serves as the director of our geotechnical engineering laboratory in Baton Rouge. In this role, she supervises the laboratory manager, oversees testing, provides guidance to laboratory staff, and ensures appropriate protocol is followed and deadlines are met in addition to provide training material and maintaining AASHTO certifications.* | | | |
| 10/09-Ongoing | **SP NO. H.004646.5 / I-20 MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS.** *Project Manager*. She managed this multi-million-dollar, high risk, high technical needs, high visibility project. She managed a highly technical team including academia, outside experts, including internationally recognized geotechnical engineers, geohydrologist, 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 for the determination of mineralogy, x-ray scanning of unextruded samples to identify existing shearing plane, stress-reversal direct shear tests to determine true residual angles of critical strata. She was instrumental in designing the geotechnical instrumentation for this project including vibrating wire piezometers, Casagrande type piezometers, In-place inclinometers, SAA inclinometers, and traditional inclinometers. In addition, Ms. Bourgeois performed seepage and drawdown analyses, slope stability analyses, evaluation of remedial measures, and developed technically feasible solutions. Co-authored the geotechnical analysis and design report. | | | |

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| 10/18-06/21 | **SP NO. H.000263 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA.** *Project Manager.* Managed and oversaw all aspects of an extensive field investigation program including performing 26 deep soil borings and 12 CPT soundings, including borings over 200 feet in over 80 feet deep of high flow water. Ms. Bourgeois also managed laboratory testing program to provide geotechnical characterization data for use in design of deep foundations and embankments, oversaw the field resistivity testing program, and developed the data report. |
| 08/08 – 12/13 | **SP NOs. 700-09-0166 & H.003886.5 / I-49 NORTH PHASE II: Caddo Parish, LA.** *Laboratory Director/Assistant Project Engineer.* Closely coordinated an extensive laboratory testing program with an aggressive schedule to provide geotechnical characterization data for use in design of deep foundations, earth retaining structures and culverts. |
| 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 Engineer.* Assisting the Program Manager in overseeing the geotechnical investigation and design of the 5 miles of freeway consisting of a 3.5-mile elevated structures that will include pile supported approach slabs, pile foundations, slope stability, embankment settlement, pavement design, advanced pile load test programs, and earth retaining structures. Overseeing laboratory program which will include a total of more than 400 borings including deep borings, shallow borings, and CPT soundings. Ms. Bourgeois is the project lead to develop the Geotechnical Investigation and Design Report. |
| 10/14-12/16 | **SP NO. H.010601.5 / I-10 WIDENING (E. JCT. I-49 TO LA 328): St. Martin Parish, LA.** *Project Engineer.* Managed and provided oversight for the geotechnical investigation which included 44 deep borings and 25 cone penetrometer (CPT) soundings, associated laboratory testing, and preparation of a geotechnical data report for the widening of the nine existing structures along I-10 between I-49 to LA 328 spanning approximately 7 miles. |
| 05/06-12/11 | **SP NO. 700-29-0112 & 700-29-0130 / LA 1 – PHASES 1 & 2: Lafourche Parish, LA.** *Project Engineer***.** This project is the second phase of the 17-mile elevated highway spanning from Golden Meadow to Fourchon. Ms. Bourgeois directed the laboratory testing program to ensure strict adherence to LADOTD standards and managed the drilling operations which included deep borings and CPT soundings in the coastal marshes via air-boat mounted equipment. She oversaw the completion of over 70 soil boring logs and approximately 300 CPT sounding logs for use in design of pile foundations. |
| 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. |
| 10/18-01/19 | **SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA.** *Project Engineer.* Provided construction engineering CQA to implement the project's CQA Program by leading the technical review of any submittals and overseeing the construction testing program, including the field construction services consisting of PDA monitoring, bi-directional load cell load tests, and settlement monitoring for this Design Build, 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. |
| 08/22-Ongoing | **12-CS-HC-0017 / MOVEBR Ardenwood-Lobdell: East Baton Rouge Parish, LA.** *Project Engineer*. This project includes a subsurface exploration and geotechnical evaluation for the construction of the Ardenwood-Lobdell Connector for the MOVEBR program. The field exploration program included 8 soil borings, with associated laboratory testing. The engineering analyses included pavement design recommendations in accordance with LADOTD specifications. |

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| Firm employed by Ardaman & Associates, Inc. | | | | | |
| Name | **Robert Jewell, PE** | | Years of relevant experience with this employer | 17 | |
| Title | PROJECT ENGINEER / VICE PRESIDENT, BRANCH MANAGER | | Years of relevant experience with other employer(s) | 0 | |
| Degree(s) / Years / Specialization | | | BS / 2009 / Civil Engineering | | |
| Active registration number / state / expiration date | | | 38579 / LA / 09-30-2026<br>Traffic Control Supervisor / LA / 08-23-2028 | | |
| Year registered | 2013 | Discipline | Civil | | |
| Contract role(s) / brief description of responsibilities | | | **Project Engineer** | | |
| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). | | | | |
| | ***Mr. Jewell*** *serves as the manager of our Baton Rouge office and as project manager for various geotechnical engineering projects including pile and drilled shaft foundations, shallow foundations, static and dynamic pile testing, and slope stability. 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 LADOTD projects. For two years, he served as an on-site engineer for the LA Hwy. 1, Phase 1 project, where he conducted PDA testing and pile monitoring during construction. Mr. Jewell also achieved Advanced Level Certification for High Strain Dynamic Testing issued by the Pile Driving Contractors Association for Dynamic Measurement and Analysis Proficiency.* | | | | |
| 10/18-06/21 | **SP NO. H.000263.5-1 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA.** *Project Engineer.* In conjunction with Ms. Bourgeois, Mr. Jewell oversaw the geotechnical investigation consisting of deep borings and field resistivity testing. Reviewed laboratory tests, final soil and CPT logs, and the data report. | | | | |
| 10/18-01/19 | **SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA.** *Project Engineer.* Assisted the Project Manager in preparing the preliminary design and planning report for this 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. Mr. Jewell oversaw the field construction services consisting of PDA monitoring, bi-directional load cell load tests, and settlement monitoring. He also helped review and design the pavement section. | | | | |
| 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.* Leads 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. 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. | | | | |
| 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.* Manages the geotechnical investigation and design for the construction of 5 miles of freeway consisting of a 3.5-mile elevated structure that will include pile supported approach slabs, pile foundations, slope stability, embankment settlement, pavement design, advanced load test programs, and earth retaining structures. Oversees and coordinates the field and laboratory program which will include a total of more than 400 borings including deep borings, shallow borings, and | | | | |

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| | CPT soundings. He will be the co-principal for developing the Geotechnical Investigation and Design Report to be developed for this project. |
| 11/15-01/21 | **SP No. H.011309 / MCARTHUR INTERCHANGE COMPLETION PHASE II, US 90Z: Jefferson Parish, LA.** *Project Manager*. Oversaw the geotechnical field investigation that included deep and shallow CPT soundings, borings, laboratory testing, subsurface characterization, and engineering analyses to provide foundation design, verification of test plans and construction monitoring plans for the addition of two ramps. Design recommendations included post grouted drilled shafts. |
| 04/14-03/22 | **SP No. H.004435 / I-12 TO BUSH SEGMENT 2, LA 3241 (LA 36-LA435): St. Tammany Parish, LA.** *Project Engineer*. 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. 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. |
| 10/14-12/16 | **SP NO. H.010601.5 / I-10 WIDENING (E. JET. I-49 TO LA 328): St. Martin Parish, LA.** *Project Engineer*. Oversaw and coordinated the geotechnical investigation which will include 44 deep borings and 25 cone penetrometer (CPT) soundings, associated laboratory testing, and preparation of a geotechnical data report for the widening of the nine existing structures along I-10 between I-49 to LA 328 spanning approximately 7 miles. |
| 10/11-04/13 | **SP NO. H.003064 / I-10 VETERANS BLVD. TO CLEARVIEW PARKWAY CONSTRUCTION PHASE SERVICES (TRANSCONTINENTAL OVERPASS): Orleans Parish, LA.** *Assistant Project Engineer.* Managed the test pile program (static and dynamic testing) and conducted WEAP analysis. Mr. Jewell helped prepare the report which provided pile order lengths, pile driving criteria, and reviewed pile driving logs. |
| 07/09-08/11 | **SP NO. 700-29-0112 / LA-1- PHASE 1: Lafourche Parish, LA:** *Assistant Project Engineer.* Served in the field as on-site geotechnical engineer during construction for this project in southeast Louisiana. He conducted dynamic monitoring using the Pile Driving Analyzer, performed CAPWAP analyses, reviewed drive logs, and supervised field technicians. |
| 07/12-02/14 | **SP. NO. H.003495 / I-49N (MLK to I-220) Segment K: Caddo Parish, LA.** *Assistant Project Engineer*. Helped manage all aspects of an extensive field investigations program including performing 102 soil borings for bridge structures, retaining walls, ramps, and roadways. Mr. Jewell helped classify the soil boring logs for use in design of deep foundations and embankments and developed the soil borings logs in LADOTD format. |
| 08/22-Ongoing | **12-CS-HC-0017 / MOVEBR ARDENWOOD-LOBDELL: East Baton Rouge Parish, LA.** *Project Engineer.* This project includes a subsurface exploration and geotechnical evaluation for the construction of the Ardenwood-Lobdell Connector for the MOVEBR program. The field exploration program included 8 soil borings, with associated laboratory testing. The engineering analyses included pavement design recommendations in accordance with LADOTD specifications. |
| 06/20-11/22 | **SP. NO. H.002825 / NICHOLSON DRIVE (LA HWY 30) SEGMENT 1: East Baton Rouge Parish, LA.** *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. Engineering analyses included pavement and culvert crossing design recommendations in accordance with LADOTD specifications. |

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| Firm employed by Ardaman & Associates, Inc. | | | | | |
| Name | **Robert Rousset, PE** | | | Years of relevant experience with this employer | 18 |
| Title | PROJECT ENGINEER / VICE PRESIDENT, REGIONAL MANAGER | | | Years of relevant experience with other employer(s) | 0 |
| Degree(s) / Years / Specialization | | | BS / 2008 / Civil Engineering | | |
| Active registration number / state / expiration date | | | 38637 / LA / 09-30-2026 | | |
| Year registered | 2014 | Discipline | Civil | | |
| Contract role(s) / brief description of responsibilities | | | **Project Engineer** | | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| | ***Mr. Rousset** serves as the manager of Ardaman's New Orleans office and as project manager for various geotechnical engineering projects as well as contract administrator of several major contracts. He has managed projects that have included pile and drilled shaft foundations, shallow foundations, static and dynamic pile testing, and slope stability. For two years, he served as an on-site engineer for the LA Hwy. 1, Phase 1 project, where he conducted PDA testing and pile monitoring during construction. Mr. Rousset also achieved Intermediate Level Certification for High Strain Dynamic Testing issued by the Pile Driving Contractors Association for Dynamic Measurement and Analysis Proficiency.* |
| 07/16-Ongoing | **SP NO. H.004113 / I-12 (US 190 TO LA 59): East Baton Rouge Parish, LA.** *Project Manager*. Oversaw and coordinated the geotechnical investigation which included 23 deep soil borings and associated laboratory testing along an alignment that included 4 bridges. |
| 07/14-05/18 | **SP NO. H.004113 / I-12 TO BUSH SEGMENT 3, LA HIGHWAY 3241 (LA 435 TO LA 40/LA 41): St. Tammany Parish, LA.** *Project Manager*. Oversaw and coordinated the geotechnical investigation which included 26 soil borings, sampling, and laboratory testing along the alignment that included one bridge, LA 435 over Talisheek Creek. Oversaw geotechnical analyses and preparation of design recommendation report which included pile supported approach slabs and pile foundations for the bridge structures and shallow foundation design for the culverts. |
| 05/12-03/13 | **SP NO. H.002260.5 / GOOSE BAYOU BRIDGE ROUTE LA 45: Lafitte, LA.** *Assistant Project Engineer*. Managed geotechnical investigation for the bridge that included drilling and laboratory testing of 2 deep soil borings and 4 CPT soundings performed with barge-mounted drilling equipment under difficult access conditions. Assisted with providing final soil boring logs and CPT sounding logs in LADOTD format. |
| 07/09-08/11 | **SP NO. 700-29-0112 / LA 1 – PHASE 1: Lafourche Parish, LA.** *Assistant Project Engineer*. Served in the field as onsite engineer for Phase 1A of this project in southeast Louisiana. The completed project consisted of 17 miles of elevated roadway with low-level bridges and medium-level bridges, two elevated interchanges, and two fixed high-level bridges over navigable waterways. Conducted dynamic monitoring using PDA, performing CAPWAP analyses, reviewed drive logs, and supervised field technicians. |
| 03/11-02/12 | **SP NO. H.003886.5 / I-49 SEGMENT J: Caddo Parish, LA.** *Assistant Project Engineer*. Mr. Rousset planned the geotechnical investigation program, coordinated field activities, assigned lab testing, reviewed laboratory test results, classified soil types based on laboratory tests, and compiled soil boring logs in the LA DOTD format. |

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| 08/09-12/09 | **CENTRAL THRUWAY: East Baton Rouge Parish, LA.** *Assistant Project Engineer*. Performed PDA testing on pre-stressed, pre-cast concrete piles for various bents. |

| Firm employed by: Ardaman & Associates, Inc. | | | | | |
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| Name | **Ross McGillivray, PE** | | | Years of relevant experience with this employer | 25 |
| Title | PRINCIPAL ENGINEER | | | Years of relevant experience with other employer(s) | 29 |
| Degree(s) / Years / Specialization | | | BCE / 1966 / Civil Engineering<br>MS / 1968 / Civil Engineering (Soil Mechanics) | | |
| Active registration number / state / expiration date | | | 17920 / FL / 02-28-2025 | | |
| Year registered | 1998 | Discipline | Civil | | |
| Contract role(s) / brief description of responsibilities | | | Contract Role: **Principal Engineer** | | |

| 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). |
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| | *As a principal engineer working from the Tampa office of Ardaman, **Mr. McGillivray** provides technical review and consultation on projects involving building and bridge foundations, geotechnical and materials engineering for port facilities, pavement systems, earth structures, surface mining, ground water hydrology and sinkhole evaluation and remediation. He has provided engineering review or design on projects with Ardaman offices in Florida as well as for offices in Baton Rouge and New Orleans, Louisiana.*<br>*Mr. McGillivray managed the operations of the soil mechanics laboratory as a Research Engineer at MIT from 1968 to 1970, and conducted research into the behavior of soil and soil-like industrial waste products while at MIT, He worked as a staff engineer on projects in North Carolina, Florida, Alaska and Venezuela for Lambe & Associates, Inc. of Cambridge, Massachusetts, including the evaluation of soil stability and anchor capacity for a large retaining wall for the Parque Central' project in Caracas, Venezuela and the development of a permafrost and soil mechanics laboratory in Anchorage, Alaska. Mr. McGillivray was the branch geotechnical and materials engineer for Pittsburgh Testing Laboratory's Tampa Florida branch office where he supervised the completion of site exploration programs for building foundations and designed earthen dams to contain waste clay tailings from phosphate processing from 1972 to 1974. He founded ARMAC Engineers, Inc. in 1975, working on building foundations, sinkhole evaluation and remediation, mine slope stability and earthen dam projects. He joined Ardaman & Associates, Inc. in 1996 as a Senior Engineer, working on mining, building foundation and bridge foundation projects.* |
| 09/01 – 11/01 | **I-10/12 SOUND WALLS, WALL 6-DESIGN LATERAL LOAD TEST ON DRILLED SHAFTS / SOUND WALL SHAFT CLS EVALUATION, Baton Rouge, LA.** *Principal Engineer*. Mr. McGillivray performed a re-design for the drilled shafts supporting the I-10/I-12 sound wall system in Baton Rouge, LA, and performed an instrumented lateral load performance on a 48-inch diameter drilled shaft. The results of the load test compared analyses performed with Standard Penetration Test Boring Data to analyses performed with Cone Penetrometer Test (CPT) sounding data. Mr. McGillivray also evaluated the results of Cross-Hole Sonic Log (CSL) tests on installed drilled shafts and developed repair procedures when drilled shafts were shown to have CSL detected flaws. The repair procedures were accepted by LADOTD for the project. |

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| 10/18-12/18 | **SP NO. H.003370 / I-220/I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD, Bossier Parish, LA SP No. H.003370**. *Principal Engineer.* Mr. McGillivray helped review and perform analyses of Drilled Shaft Load Tests and Static Capacity for this Design Build project consisting of direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and an interchange and access road from I-20 in Shreveport, Louisiana. |
| 7/15 –Ongoing | **I-49 CONNECTOR (LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE), Lafayette Parish, LA, SP No. H.004273.5.** *Principal Engineer.* Mr. McGillivray helped review all of the geotechnical design including deep foundations, lateral load analyses, earth retaining structures in support of the construction of 5 miles of freeway consisting of a 3.5-mile elevated structure that will include pile supported approach slabs, pile foundations, slope stability, embankment settlement, advanced load test programs, and earth retaining structures. Mr. McGillivray will help with review and preparation of the Phase 1 preliminary Geotechnical Design Report. |
| 11/15-01/21 | **MACARTHUR INTERCHANGE COMPLETION PHASE II ROUTE US 90-Z, Jefferson Parish, LA** *Principal Engineer.* Mr. McGillivray reviewed and evaluated the capacity of tip-grouted Drilled Shafts utilizing Cone Penetrometer Test (CPT) sounding data for Phase II of the MacArthur Interchange consisting of construction ramps entering and exiting Westbank Expressway. |
| 5/05 – 11/05 | **I-10 BRIDGES OVER ESCAMBIA BAY, Pensacola, FL (AAI 05-40-1149)** *Principal Engineer.* The I-10 bridge over Escambia Bay was damaged by Hurricane Ivan in 2004. The two bridges were three lanes, 2.6 miles long with 103 spans for each bridge. Ross T. McGillivray, PE (FL) worked as the Lead Geotechnical Engineer with Ardaman's Tallahassee, Florida office for the design of foundations for the replacement bridges. The project was the first project since 1972 in Florida to use 36-inch voided Prestressed Concrete Piles. The soil conditions consisted of deep, soft silt and clay sediments over loose sand underlain by medium dense to dense sand. Driving criteria were established for two different pile hammers with maximum driving energy of 150 kip-ft.-lbs. but with ram weights of 30 and 60 kips. Wave Equation Analyses and PDA/CAPWAP showed that the lighter ram hammer was marginal for production piling installation. Both Vertical and Lateral Load tests were performed for the project, with good correlation between the Vertical Load test results and the Static Capacity and PDA/CAPWAP analyses. Lateral load performance analyses showed that the soils strengths projected from Cone Penetrometer Tests were required to model the results of the load test. |
| 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 of 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. |

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| Firm employed by Ardaman & Associates, Inc. | | | | |
| Name | **Jarmon King, PE** | | Years of relevant experience with this employer | 5 |
| Title | ASSISTANT PROJECT ENGINEER | | Years of relevant experience with other employer(s) | 1 |
| Degree(s) / Years / Specialization | | | BS / 2019 / Civil Engineering<br>Traffic Control Supervisor / LA / 11-08-2027<br>DOTD Flagger / LA / 5-29-2028 | |
| Active registration number / state / expiration date | | | PE 49179 / LA / 03-31-2025 | |
| Year registered | 2019 | Discipline | Civil | |
| Contract role(s) / brief description of responsibilities | | | **Assistant Project Engineer** | |

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| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
| | ***Jarmon King*** *serves as an assistant project engineer of Ardaman in the Baton Rouge office. Mr. King is involved with overseeing and conducting geotechnical investigations. Mr. King also prepares soil boring logs; processes and analyzes Cone Penetration Test (CPT) sounding, data, performs pile and settlement analyses; assists with writing geotechnical reports; and helps coordinate field and laboratory operations. Mr. King has experience in overseeing and performing Pile Driving Analyzer (PDA) testing during construction projects. Mr. King also serves as the Office Safety Coordinator and has experience assessing safety of employees on the job site in accordance with OSHA where he is responsible for carrying out company safety standards and making any changes to ensure a safe and productive environment.* |
| 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. (07/21-ONGOING)** *Assistant Project Engineer.* Assists in 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. 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. |
| 10/18-06/21 | **SP NO. H.000263 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA.** *Assistant Project Engineer.* Helped produced soil boring logs and CPT soundings in LADOTD format. Assisted with development of the data report. |
| 10/18-12/18 | **SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA.** *Assistant Project Engineer.* Assisted the Project Manager in preparing the preliminary planning report for this Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and construct an interchange and access road from Interstate 20 in Bossier City, Louisiana. Mr. King is currently performing PDA testing and CAPWAP analyses for the field construction. |
| 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. Engineering analyses included pavement and culvert crossing design recommendations in accordance with LADOTD specifications. |

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| Firm employed by | Ardaman & Associates, Inc. | | | |
| Name | **Jessica N. Litt** | | Years of relevant experience with this employer | 10 |
| Title | LABORATORY MANAGER | | Years of relevant experience with other employer(s) | 0 |
| Degree(s) / Years / Specialization | | | BS / 2010 / Biology | |
| Active registration number / state / expiration date | | | NICET / Generalist, Laboratory No. 141243 / 10-01-2027 | |
| Year registered | | Discipline | | |
| Contract role(s) / brief description of responsibilities | | | **Laboratory Manager** | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| | ***Ms. Litt** serves as Laboratory Manager of Ardaman's Baton Rouge laboratory which is under the direction of a Registered Professional Engineer. She supervises and manages operations of our AMRL Certified and USACE-validated laboratory and performs and oversees laboratory testing assignments, organizes, and schedules testing, trains and develops technicians, and supervises four full-time laboratory technicians. Ms. Litt is experienced conducting soil mechanics laboratory testing in accordance with appropriate AASHTO and LADOTD testing protocol, which includes Soil Classification, Atterberg Limits, Grain Size, Sieve Testing, Organic Matter tests, Moisture Content, and Strength testing (Unconfined and Unconsolidated-Undrained Triaxial (UU)).* |
| 10/18-06/21 | **SP NO. H.000263.5-1 / CHEF MENTEUR PASS BRIDGE AND APPROACH: Orleans Parish, LA.** *Laboratory Technician*. Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Unit Weight, Particle Size Analysis (Hydrometer), and UU Strength Tests. |
| 11/15-01/21 | **SP NO. H.011309 / MACARTHUR INTERCHANGE COMPLETION PHASE 2, ROUTE US 90-Z: Jefferson Parish, LA.** *Laboratory Technician.* Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests. |
| 04/14-03/22 | **SP NO. H.004435 / I-12 TO BUSH SEGMENT 2, LA 3241: St. Tammany Parish, LA.** *Laboratory Technician.* Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Unit Weight, Particle Size Analysis (Hydrometer), and UU Strength Tests. |
| 04/14-05/18 | **SP NO. H.004113 / I-12 TO BUSH SEGMENT 3, LA HWY. 3241 (LA 435 TO LA 40 / 41): St. Tammany Parish, LA.** *Laboratory Technician.* Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Unit Weight, Particle Size Analysis (Hydrometer), and UU Strength Tests. |

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| 10/09-Ongoing | **SP NO. H.004646.5 / MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS.** *Laboratory Technician.* Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Unconfined Compressive Test and Unit Weight, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, Organic Content, and UU Strength Tests and Consolidated-Drained Direct Shear Tests. |

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| Firm employed by Ardaman & Associates, Inc. | | | | |
| Name | **Donald Anthony** | | Years of relevant experience with this employer | 21 |
| Title | SENIOR DRILLER | | Years of relevant experience with other employer(s) | 0 |
| Degree(s) / Years / Specialization | | | High School Diploma | |
| Active registration number / state / expiration date | | | Water Well Driller's License<br>#WWC-212 / LA / 6-30-2025 | |
| Year registered | | Discipline | | |
| Contract role(s) / brief description of responsibilities | | | **Drilling 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 years of experience specified in the applicable MPR(s). |
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| | ***Mr. Anthony** has over 15 years of experience drilling in the Louisiana Gulf Coast Region. This experience has included soil borings (on land and over water), CPT, monitor well installation and abandonment, and installation of geotechnical monitoring instrumentation. He has drilled in very soft organic rich soils, very stiff clays, sands and gravels. Mr. Anthony served as Ardaman's driller for the LA-1 new elevated highway project in Lafourche Parish where he conducted soil borings and CPTs via airboat to depths of 200 feet.* |
| 07/15-Ongoing | **SP NO. H.004273.5 / I-49 CONNECTOR,: Lafayette Parish, LA.** *Drilling Supervisor*. Supervised the completion of preliminary field investigation consisting of 120 deep borings, 19 CPT soundings, and 26 shallow borings. |
| 04/14-03/22 | **SP NO. H.004435 / I-12 TO BUSH SEGMENT 2, LA 3241: St. Tammany Parish, LA.** *Drilling Supervisor.* Oversaw the completion of 32 deep soil borings, 10 culvert borings, and 88 shallow roadway borings and sampling along the alignment which includes two bridges: LA 435 over Bayou Lacombe Tributary and LA 36 over Bayou Lacombe Tributary 2. |
| 08/08-02/12 | **SP NO. 700-09-0166 & H.003886.5 / I-49 SEGMENTS E-J: Caddo, LA.** *Drilling Supervisor*. Conducted field reconnaissance, which included rights of entry, utility locations, access and locating all deep and shallow borings. Oversaw completion of numerous deep and shallow borings in accordance with LADOTD standards. |
| 02/12-11/13 | **SP NO. H.003495.5 / I-49 SEGENT K (I-220 TO MLK): Caddo Parish, LA.** *Drilling Supervisor*. Conducted field reconnaissance, which included rights of entry, utility locations, access and locating all deep and shallow borings. Oversaw completion of numerous deep and shallow borings in accordance with LADOTD standards. |
| 07/09-11/11 | **LA 1, PHASE 1 AND PHASE 2: Lafourche Parish, LA.** *Senior Driller.* Mr. Anthony performed drilling and CPT services for a geotechnical investigation conducted in Louisiana coastal marshes utilizing a fleet of customized airboats. This project included over 100 boring and CPT sounding sample locations. |
| 07/18-Ongoing | **MID-BRETON SEDIMENT DIVERSION: Plaquemines Parish, LA.** *Senior Driller***.** Mr. Anthony serves as Senior Driller for CPRA's Mid-Breton Sediment Diversion Project which will reconnect the Mississippi River to the deteriorating deltaic wetlands in the Breton Sound Basin. This project includes a control structure in the mainline levee along the Mississippi River. The project also includes an associated river inlet channel, a conveyance channel across the protected landside area, and a back structure through the existing hurricane surge protection levee. The fieldwork for this project included over 50 sample locations inclusive of 3-in and 5-in diameter borings, CPTs, Vane Shear tests, and resistivity testing. |

**16. Staff Experience:**

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| Firm employed by Alliance Transportation Group, LLC | | | | |
| Name | JD Allen, AICP, WSO-CSSD, PTSCTP, TSSP-Rail/Bus | | Years of relevant experience with this employer | 24 |
| Title | Principal in Charge | | Years of relevant experience with other employer(s) | 10 |
| Degree(s) / Years / Specialization | | | MS, 1991, Community and Regional Planning, University of Texas<br>BS, 1988, Economics, McNeese State University | |
| Active registration number / state / expiration date | | | AICP: #10501 /all / none; Transit Safety & Security Professional – Rail (TSI), no expiration Transit Safety & Security Professional – Bus (TSI), no expiration World Safety Organization- Certified Safety & Security Director (Bus & Rail), no expiration | |
| Year registered | AICP - 1994 | Discipline | Planning | |
| Contract role(s) / brief description of responsibilities | | | JD is President of ATG. He has more than 34 years of experience managing and overseeing transportation planning projects, having managed more than two dozen MTPs in his career | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| 03/20 – 02/22 | **NLCOG MPO, 2045 MTP Update, Shreveport, LA** – With JD serving as Project Manager, ATG's specific assigned tasks included the development of an expanded travel demand model (TDM) to incorporate one additional parish and update the source code for the model to TransCAD 8.0; defined public engagement strategy to utilize a combination of virtual and in-person events to gather community and stakeholder input; and identification of improvements for mobility of freight, transit, pedestrians, and cyclists. The plan also established performance measures and project prioritization to not only comply with FAST Act requirements, but to provide a framework for performance-based decision making and scenario review. This plan supported development of a future transportation system that addresses the community's vision, goals, and objectives while complying with all state and federal requirements. |
| 10/19- 04/21 | **RGVMPO, 2045 Metropolitan Transportation Plan, Rio Grande Valley, TX** – JD provided direct supervision of the development of the 2045 MTP as well as the two subcomponent plans being a Ten-Year Transit Development Plan and a Regional Active Transportation Plan. JD oversaw the project management, public outreach, budget and schedule management and directing technical analysis across all three plans. He worked in close coordination with RGVMPO to help ensure that public engagement efforts for all three plans were carefully coordinated to guarantee that the community vision, goals and objectives were aligned across the plans. ATG completed the 2045 MTP Updates, which had two additional subcomponents, a Ten-Year Transit Development Plan and a Regional Active Transportation Plan. The ATG team worked in close coordination with RGVMPO to help ensure that public engagement efforts for all three plans were carefully coordinated to guarantee that the community vision, goals and objectives were aligned across the plans. ATG used its technical expertise in federal |

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| | compliance review to pull the metrics from all applicable levels of analysis to develop a systems performance report and support the RGVMPO in their federal compliance review by the USDOT. |
| 02/17 – 01/20 | **El Paso Metropolitan Planning Organization (MPO) \| 2045 MTP Update \| El Paso, TX –** As Project Manager, JD directed the day-to-day work of updating the El Paso MPO's regional transportation plan. Called "Destino 2045," the long-range plan is a FAST Act compliant blueprint for multimodal transportation investments in El Paso over the next 27 years developed through extensive stakeholder and community input, as well as rigorous technical analysis. JD led a comprehensive evaluation of potential deficiencies in the current and future transportation network for all modes, including a detailed exploration of potential gaps between demand for and supply of transit and active transportation infrastructure throughout the region. This technical analysis helped ensure that the final program of projects addressed critical barriers faced by El Paso area residents to access daily needs and economic opportunities. The adopted plan programs more than $5 billion in federal, state, and local funding for a comprehensive, multimodal program of projects serving the El Paso region. |
| 12/20 – 05/22 | **Rapides Area Planning Commission, RAPC Model Update and Model Support, Alexandria, LA –** As Principal in Charge for the development of a 2045 MTP update, JD provided technical support and guidance to the Rapides Area Planning Commission. JD's extensive experience in multimodal planning and local knowledge of the area helped ATG to tailor a freight analysis and systems level analysis of proposed projects to form robust chapters for the MTP in a short period of time. In addition, he assisted with components of federal compliance review. |
| 04/20 – 11/21 | **Project Principal \| CATS \| Plank Road/Florida Boulevard BRT Feasibility Assessment \| Baton Rouge, LA / No.2019,0009** – Providing oversight of the volume forecasts, existing condition analysis, and alternatives analysis. Analysis of each location includes the development of an evaluation matrix to assist in the prioritization of potential BRT stops. Goals for the project include improving pedestrian and bicycle-oriented transit and improvement in transportation interfaces. |
| 01/02 - Ongoing | **Project Manager/Principal. LADOTD \| Statewide Technical Assistance for Transit (STAT) \| Statewide, LA / PO No. 2000042867** – This project is focused on developing an enhanced oversight program to ensure public safety on the New Orleans streetcar system. The project is critical to securing future federal funding streams in Louisiana. Tasks include implementing the Certification Work Plan, developing the State Safety Oversight Program Standard, developing new audit procedures, assisting with submissions to FTA, developing and reviewing new accident investigations procedures for the RTA, and reviewing any new revenue services. |
| 10/16 – Ongoing | **Project Manager \| LADOTD \| Technical Assistance for State Safety Oversight (TASSO) On-Call Services \| New Orleans, LA –** The LADOTD selected ATG twice (2015 and 2018) to assist with designing, implementing, and maintaining a MAP-21/FAST Act compliant State Safety Oversight (SSO) Program. This project first focused on developing an enhanced oversight program to ensure public safety on the New Orleans streetcar system. The first term resulted in Louisiana being certified under the new FTA SSO rule. The second term is focused on overseeing accident reductions and identifying hazards in current system. Tasks include developing new audit procedures, assisting with submissions to FTA, developing and reviewing new accident investigation procedures for the RTA, and reviewing any new revenue services. |

**16. Staff Experience:**

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| Firm employed by | Alliance Transportation Group, LLC | | | |
| Name | Ed Elam, AICP, PTP, PTSCTP, TSSP-Rail/Bus | | Years of relevant experience with this employer | 4 |
| Title | Quality Manager | | Years of relevant experience with other employer(s) | 30 |
| Degree(s) / Years / Specialization | | | Master of Urban and Regional Planning (MURP) / 1990<br>BA, Political Science/Public Administration / 1988 | |
| Active registration number / state / expiration date | | | AICP: #10672 /all / no expiration; Professional Transportation Planner #446, no expiration; Transit Safety & Security Professional – Rail (TSI), Bus (TSI), no expiration | |
| Year registered | AICP - 1994 | Discipline | Planning | |
| Contract role(s) / brief description of responsibilities | | | Ed is Vice President and Planning Director at ATG, and helps to lead our Louisiana-based team housed at our Metairie, LA, office. He has more than 34 years of experience managing and overseeing transportation planning projects including MTPs, Transit Development Plans, and Statewide Transportation Coordination Plans. | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| 12/23 – Ongoing | **Project Manager \| RGVMPO \| 2050 MTP Update \| Rio Grande Valley, TX -** Ed is the Project Manager for this MTP update for a large MPO covering a three-county area of the Rio Grande Valley (Starr, Hildago, Cameron Counties) formed through the merger of MPOs in the area during the previous MTP development cycle. This plan provides an update and reporting on systems development across highways, transit, active transportation and incorporates ATG developed plans to address resiliency, sustainability, and project prioritization. Ed leads a team creating methodologies for systems update and development. He has developed methods to evaluate transit system connectivity and active transportation systems connectivity. Ed also assists with addressing client interactions and needs, while reviewing products, analysis and public facing materials for accuracy and completeness. |
| 03/20 – 02/22 | **Project Planner \| NLCOG MPO \| 2045 MTP Update, Shreveport, LA** – Ed served as Project Planner for this project, reviewing technical analysis on transit networks and system development. ATG's specific assigned tasks included development of an expanded travel demand model (TDM) to incorporate one additional parish and an update of the source code for the model to TransCAD 8.0; defined a public engagement strategy to gather community and stakeholder input via virtual and in-person events; and identified improvements for mobility of freight, transit, pedestrians, and cyclists. The plan also established performance measures and project prioritization to not only comply with FAST Act requirements, but to provide a framework for performance-based decision making and scenario review. The plan's objective was to support development of a future transportation system that addresses the community's vision, goals, and objectives while complying with all state and federal requirements. |

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| 01/21 – 06/22 | **Quality Manager \| City of Temple \| Temple Mobility Master Plan \| Temple, TX** – ATG led a multidisciplinary team of regional and national consulting firms in the development and delivery of an advanced practice Mobility Master Plan (MMP) for the City of Temple. To achieve the City's goals, ATG designed the MMP to be a unifying document that transcends the confines of standard transportation system planning to achieve a comprehensive vision for the City's future encompassing four primary themes: Livability, Vitality, Community, Mobility. The final plan delivered recommendations for a complete transportation system that moves people and goods safely and efficiently in perceived comfort regardless of their trip purpose or mode of travel. As Quality Manager, Ed provided technical reviews to deliverables prepared by the team on behalf of the City of Temple. |
| 03/20 - Ongoing | **Deputy Project Manager \| LADOTD \| Statewide Technical Assistance for Transit (STAT) \| Statewide, LA / PO No. 2000042867** – This project provides technical assistance to statewide transit development including the statewide coordinated human services transportation plan. Ed was the primary planner working on the update and facilitating public input from agencies and key stakeholders, as well as providing analysis on needs and demands in the eight DOTD Regions across the state. Ed is developing a report-card matrix to document progress with plan implementation, and activities to advance coordinated human services transportation at a regional level. |
| 03/20 – Ongoing | **Technical Team \| LADOTD \| Technical Assistance for State Safety Oversight (TASSO) On-Call Services \| New Orleans, LA** – Ed is part of the technical staff assisting LADOTD with the FAST Act compliant State Safety Oversight (SSO) Program for the enhanced oversight program to ensure public safety on the New Orleans streetcar system. Tasks include assisting with submissions to FTA and developing/reviewing ongoing compliance actions taken by New Orleans Regional Transit Authority (NORTA) for streetcar operations |
| 05/20 – 05/20 | **Project Manager \| SporTran/City of Shreveport \| Benefit-Cost Analysis – BRT Corridor Study \| Shreveport, LA -** As Project Manager, Ed worked with SporTran/City of Shreveport on the development of a benefit-cost analysis of the proposed Shreveport Healthcare and Development Corridor Improvements Project, a proposed bus rapid transit (BRT) connecting Willis Knighten Healthcare North Campus to Ochsner-LSU Health Center. The benefit-cost analysis was prepared following US DOT requirements to accompany a request for BUILD grant funds for project implementation. |
| 02/23 – 10/23 | **Project Manager \| City of New Braunfels \| Transit Development Plan \| New Braunfels, TX –** ATG worked with the City of New Braunfels on a transit development plan with community input that provides short- and long-term strategic guidance to the development of transit services and coordination with rural and adjacent transit providers over a 20-year planning period. The plan identified current and future demands, capital needs, staging and implementation of services, organization for developing federal funding and community partnerships required to build support for services. As Project Manager, Ed worked with the team to document existing conditions and services as well as document recommendations to improve transit service delivery. The final plan included recommendations for a phased approach to transit implementation to grow service into areas of immediate need and expand over time from a core of sustainable service to include a microtransit and fixed-route service options connecting neighborhoods. |

**16. Staff Experience:**

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| Firm employed by Alliance Transportation Group, LLC | | | | |
| Name | Ellen Soll, AICP | | Years of relevant experience with this employer | 2 |
| Title | Active Transportation Task Lead | | Years of relevant experience with other employer(s) | 18 |
| Degree(s) / Years / Specialization | | | MS, 2004, Community & Regional Planning, UT Austin<br>BA, 1998, Anthropology, UMASS Amherst | |
| Active registration number / state / expiration date | | | AICP / #022382 / Expires: 06/30/26 | |
| Year registered | AICP - 2008 | Discipline | Planning | |
| Contract role(s) / brief description of responsibilities | | | Ellen is a Senior Project Manager and Transportation Planner at ATG. Ellen authored the Complete Streets policy for Louisiana. Her 20 years of experience in active transportation planning have centered on creating efficient, safe, and sustainable communities throughout the Gulf South. A seasoned planner and manager, Ellen's expertise lies in active transportation planning, Complete Streets, transportation system plans, and corridor plans. | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| 06/24 – Ongoing | **Project Manager \| Northwest Louisiana Council of Governments \| Safe Streets for All (SS4A) Regional Action Plan \| Northwest LA** – ATG is the Prime consultant for this SS4A Action Plan. As ATG's Project Manager, Ellen is responsible for the delivery of robust public engagement, stakeholder coordination, leadership commitment, equity planning analysis, non-infrastructure recommendations and performance management recommendations. |
| 12/23 – Ongoing | **Project Manager \| NLCOG Regional Active Transportation Plan \| Caddo, Bossier, DeSoto and Webster Parishes, LA** – Ellen is the Project Manager for this plan, which will be used as a tool by the NLCOG to improve upon its network of existing facilities and to develop new facilities that provide for improved and safer walking, bicycling, and other forms of micro-mobility for transportation and recreational opportunities. Public engagement included an online map, targeted outreach to focus groups, and pop-ups to reach transit-dependent communities. |
| 03/20 – 02/22 | **Project Manager \| NLCOG \| Metropolitan Transportation Plan (MTP) Update \| Caddo, Bossier, DeSoto and Webster Parishes, LA *** - Having been retained by Northwest Louisiana Council of Governments (NLCOG) as part of the ATG-led team to prepare the NLCOG MTP 2045 Update, Ellen served as project manager for a planning and engineering firm. She oversaw the data optimization of inputs into the network model, analysis of bicycle and pedestrian needs, and identifications of impacts to the natural and human environment for proposed projects. |
| 12/22 – 10/23 | **Project Manager \| City of Victoria \| Active Transportation Master Plan \| Victoria, TX** - Project Manager for this Active Transportation Master Plan to make it safer and more comfortable to walk, bike and roll in Victoria, TX. Ellen was responsible for all major deliverables, including risk-based safety and crash analysis, latent demand analysis, level of stress analysis, |

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| | sidewalk gap analysis, public engagement, and stakeholder involvement. Ellen led the development of an active transportation network plan to address safety on the high injury network and create an all ages network for the city through the implementation of bicycle infrastructure, sidewalks, trails, crossing features and other safety countermeasures. |
| 05/22 - Ongoing | **Project Planner \| LADOTD \| Statewide Technical Assistance for Transit \| Louisiana Statewide** - Project Planner is providing technical assistance and support to the Louisiana Department of Transportation and Development Public Transit Division. Ellen is a task lead on the Human Services Coordinated Transportation Plan. Ellen also provides coordination and technical resources to regional mobility managers, supplementing Public Transit's capacity by developing data, resources and coordination on an as-needed basis. |
| 08/23 – 12/23 | **ATG Project Manager \| City of Natchitoches \| Comprehensive Safety Action Plan \| Natchitoches, LA** - ATG was a subconsultant on this Safety Action Plan for the City of Natchitoches. As ATG's Project Manager, Ellen was responsible for the delivery of all elements of the plan, including public engagement, stakeholder coordination, leadership commitment, equity planning analysis, non-infrastructure recommendations and performance management recommendations. Ellen developed a community engagement plan using an equity-focused approach. |
| 09/22 - Ongoing | **Project Manager \| TxDOT Federal Affairs Division \| Grant Support and Development, WA 2 & 3 -** ATG provides support to TxDOT with the development of grant applications for the Rebuilding American Infrastructure with Sustainability and Equity (RAISE), Infrastructure for Rebuilding America (INFRA) and other grant programs. ATG provides individual application support, as well as developing a "project pipeline" which will filter the strongest projects into the pool of potential applications to create a more efficient process and more successful outcomes. Ellen serves as Project Manager. Ellen oversaw the development of a $3.4 million Promoting Resilient Operations for Transformative, Efficient and Cost Saving Transportation (PROTECT) program grant application for the Texas Statewide Flood Warning System through this contract. |
| 02/23 – 05/23 | **Project Planner/Grant Writer \| Waco Transit System \| Low/No Emissions Fleet Transition Plan \| Waco, TX** - To build a competitive edge for Infrastructure Investment and Jobs Act (IIJA) funding, ATG helped the Waco Transit System develop a Low/No Emissions Fleet Transition Plan. As Project Planner and Grant Writer, Ellen prepared several technical and narrative items. Waco was successfully awarded $3.1 million to buy 4 battery-electric buses and install 4 chargers to replace aging diesel buses. The project will reduce carbon emissions in neighborhoods with high levels of diesel-based pollution while improving transit reliability and helping residents access jobs, schools, and essential services. |
| 10/23 - Ongoing | **ATG Project Manager \| NORPC \| A Path to Zero: Safe Streets for All (SS4A) Plan \| St. John the Baptist, Tangipahoa, and St. Tammany Parishes** - ATG is a subconsultant on this Safety Action Plan for the three-parish area. Ellen was responsible for the community engagement planning to reach community members throughout the three parish area, using intercept events, virtual engagement activities, and delivered formal presentations to Parish Councils. ATG was also responsible for the coordination of the Project Management Team (PMT) and parish level Steering Groups comprised of representatives from Parish government, municipalities and other stakeholders. |

**Performed services prior to joining ATG*

**16. Staff Experience:**

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| Firm employed by | Alliance Transportation Group, LLC | | | | |
| Name | Mike Chaney, AICP | | Years of relevant experience with this employer | 24 | |
| Title | Travel Demand Modeling Lead | | Years of relevant experience with other employer(s) | 7 | |
| Degree(s) / Years / Specialization | | | BS / 1994 / Geography (Concentration in Urban and Regional Planning) | | |
| Active registration number / state / expiration date | | | AICP / #024068 / Expires: 09/30/25 | | |
| Year registered | AICP - 2010 | Discipline | Planning | | |
| Contract role(s) / brief description of responsibilities | | | Mike is ATG's National Practice Lead for travel demand modeling (TDM) and has more than 31 years of experience in transportation planning, travel demand modeling and quantitative analysis. Mike designed and led the development for numerous state-of-the practice and advanced practice models. He was the project manager and principal architect of the Texas and Arkansas statewide models, and project manager for the latest update of both the CARTS model in Little Rock, AR, and the CAMPO model in Austin, TX. Mike's extensive knowledge includes passenger and freight travel demand modeling, socioeconomic data development and transportation planning. | | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| 01/04 - Ongoing | **Project Manager \| TxDOT-TPP \| Texas Statewide Analysis Model (SAM) Version 5 \| Statewide TX** – Mike has been the principal architect for the development of five generations of the Texas Statewide Analysis Model (SAM). In this capacity, he was responsible for the day-to-day management of the projects, the development of their model architectures, and the design and usability of the model interfaces and validation. Notably, Mike has led model development efforts for West Texas MPO's Lubbock, PBMPO (Midland), and El Paso in recent years. Mike designed the PBMPO model to meet specific challenges identified by PBMPO staff, namely high truck volumes of trucks associated with oil and gas production, and congestion at intersections. |
| 11/20 - Ongoing | **Project Manager \| NORPC \| Travel Demand Model On Call Support \| New Orleans, LA** – Mike has serve as Project Manager to complete updates to the regional travel demand model on an as-needed basis for the New Orleans Regional Planning Commission (NORPC) for the past four on call contracts, and is currently providing services for a fifth on call. These updates address immediate needs of the Commission to evaluate network performance based upon the addition of build projects, updates to population and employment data, as well as the addition of the geographic area resulting from population growth and development in the region. |
| 02/20 – 02/23 | **Deputy Project Manager \| El Paso MPO \| TDM and Demographics \| El Paso, TX –** As part of team and in support of the update of the El Paso MPO's 2050 RMS travel demand model, ATG conducted a Delphi process to help formulate population and employment forecasts for the region based on local knowledge. ATG also was responsible for the calibration of the trip |

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| | distribution model and application of the final 2050 RMS model to support planning efforts. Mike served as deputy project manager and leading the demographic forecasting effort where, due to COVID travel restrictions, the Delphi Process was conducted virtually using web-based mapping applications and webinars. |
| 03/20 – 02/22 | **TDM Lead \| NLCOG \| 2045 MTP Update \| Caddo, Bossier, DeSoto, and Webster Parishes, LA** – Mike led the development of the travel demand model (TDM) architecture and oversaw the TDM development and implementation (including demographic forecasting) using TransCAD. This LRTP/MTP addressed regional and local transportation goals and objectives and encompassed all modes of transportation. The plan also addressed Transportation System Management and Operation (TSMO) strategies, multimodal system deficiencies, freight mobility, safety concerns, and project travel demand for the horizon-year 2040. The final plan included a fiscally constrained list and financial summaries of prioritized projects based on MAP-21/FAST Act compliant quantitative and qualitative performance measures that were both repeatable and transparent to the public, stakeholders, and member agencies. |
| 1/20 – 3/21 | **Project Manager \| ODOT \| Oklahoma Statewide Travel Demand Model \| Statewide Oklahoma** – ATG led the development of the first Oklahoma Statewide Travel Demand Model (TDM) for the Oklahoma Department of Transportation's (ODOT). ODOT TDM serves as a valuable resource to access and help address current traffic concerns and conduct "what if" scenarios for future transportation project prioritization and expenditures. The ODOT TDM is based in the new TransCAD 8.0 environment where a flowchart-based interface is used to operate the ODOT TDM. The flowchart interface provides a clear description of the model flow and easy access to all model input files, model parameters, and output files. The flowchart also provides a convenient way to run an individual step(s) or the entire model. As the project manager, Mike assigned modeling staff, and provided quality control and guidance on the implementation ATG's model architecture. |
| 04/2019 – 05/2020 | **ATG Project Manager \| Capital Metro \| Project Connect Orange Line PE & NEPA – Active Transportation Analysis \| Austin, TX** – Project Connect is Capital Metro's long-range, High Capacity Transit (HCT) system planning initiative. As a member of the AECOM team, Mike served as the ATG Project Manager for the Project Connect Orange Line PE and NEPA study. Mike provided leadership for the active transportation analysis, service planning and ridership forecasting efforts in which his team has drilled down to the corridor level to analyze travel time, station location, operation configuration, and integration for active transportation systems |
| 03/18 – 09/18 | **Quality Manager \| P3 Belle Chasse Bridge T&R \| Baton Rouge, LA** - Mike helped design the travel demand modeling procedures and lead the QC effort and help guide the ATG team tasked with refining the RPC TDM toll assignment macro and toll analysis assumptions (e.g. value-of-time, convergence criteria, etc.) to support the requirements of the Level 2 demand analysis. ATG conducted a demand analysis to define and assess existing and future year traffic conditions and revenue forecasts for two alternative scenarios for implementing Megaproject A-44. |

**16. Staff Experience:**

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| Firm employed by Alliance Transportation Group, LLC | | | | |
| Name | Brandon Perilloux, PE, PTOE, RSP1 | | Years of relevant experience with this employer | 2 |
| Title | Project Engineer | | Years of relevant experience with other employer(s) | 15 |
| Degree(s) / Years / Specialization | | | BS, Civil Engineering, University of New Orleans, 2010 | |
| Active registration number / state / expiration date | | | PE.0039968 / LA / Exp. 03-31-2026; PTOE #4432 / USA / Exp. 03-18-2027<br>Road Safety Professional / 187 / 12-21-24 | |
| Year registered | PE – 2015<br>PTOE – 2018<br>RSP – 2018 | Discipline | Engineering | |
| Contract role(s) / brief description of responsibilities | | | Brandon, ATG's Traffic Analysis Team Leader who works out of our Metairie office, has more than 17 years of experience in traffic engineering and transportation planning. He is a licensed Professional Traffic Operations Engineer and Road Safety Professional. He meets MPR No. 6. | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| 03/23 – 03/24 | **Traffic Engineer \| LA26 Corridor Study & Zigler Memorial Extension \| Jennings, LA** - Responsible for assisting in developing a Traffic Impact Analysis for the LA 26 corridor study in Jennings, LA. The purpose of this work was to conduct a study on a proposed connection of Zigler Dr extension. The work included projecting traffic volumes for the new extension and estimating the capacity and safety impacts. Brandon reviewed the updated work and provided insight on the capacity and safety analysis. |
| 04/24 - Ongoing | **Traffic Engineer \| Enterprise Blvd Extension \| Lake Charles, LA** - Responsible for assisting in developing a Traffic Impact Analysis for an extension on Enterprise Blvd in Lake Charles, LA. The purpose of this work was to conduct a study on a proposed Enterprise Blvd Dr extension. The work included projecting traffic volumes for the new extension and estimating the capacity and safety impacts. |
| 08/21 – 10/22 | **Quality Manager \| RaceTrac \| Traffic Impact Analysis RaceTrac \| Des Allemands, LA** - This project was for the preparation of a Traffic Impact Study for a convenience store with vehicle fueling stations in St. Charles Parish, LA. As Quality Manager, Brandon was responsible for the quality review for the Traffic Impact Study in accordance with LADOTD and St. Charles Parish standards. He conducted parts of the Quality Assurance/Quality Control (QA/QC) process. |
| 05/22 – 08/22 | **Traffic Engineer \| Calcasieu Parish Traffic Initiative \| Traffic Impact Analysis \| Calcasieu Parish, LA -** Responsible for developing a Traffic Impact Analysis for the LA 27 corridor study in Calcasieu Parish. The purpose of this work was to update the study to the latest LADOTD Process and Reports requirements. The work included collecting updated data for both traffic volumes and safety analysis. Brandon reviewed the updated work and provided insight on the LADOTD process. |

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| 09/20 – 04/23 | **Traffic Engineer \| S.P. No. H.013897, F.A.P. No. H013897, I-10/I-12 College Drive Flyover Ramp OVS \| Baton Rouge, LA -** Review engineer responsible for reviewing traffic signal plans for the proposed signal modifications at the I-10 at College Drive interchange. Comments were developed and provided based on the latest LADOTD Traffic Signal Design standards and specifications as well as LADOTD's TSI format. These reviews were conducted in a timely format as required by a design-build project to keep the project on schedule. |
| 02/20 – 04/22 | **Project Manager \| Ascension Parish \| LA 621 at Roddy Rd Intersection Evaluation \| Ascension Parish, LA * -** Brandon managed a project to evaluate the intersection of LA 621 at Roddy Rd based on LADOTD EDSM VI.1.1.1.2 Intersection Control Evaluation (ICE). The project included collecting existing intersection volumes, geometry, and safety data. Brandon identified capacity and safety issues and developed potential mitigating improvements. He conducted analysis and assisted in developing conceptual geometry for the proposed roundabout. HSM-based methods were used to evaluate, compare, and quantify the potential impacts on safety. |
| 08/22 – 01/24 | **Deputy Project Manager \| TXDOT Bryan District \| FM 60 University Feasibility Study \| College Station, TX -** ATG's Engineering and Planning teams looked holistically at the FM 60 corridor to examine how the system was functioning for all modes of transportation. Brandon's task included alternative development, analysis review and overall QA/QC. |
| 11/21 - Ongoing | **Project Engineer \| TxDOT \| Rockwall County Outer Loop \| Rockwall County, TX –** The project involves an evaluation of potential alignments of Rockwall County Outer Loop from FM 1138 near the Collin County line to SH 276 in Rockwall County. Brandon is the lead engineer for data collection and analysis, conceptual traffic control, traffic projections, and traffic engineering including capacity analysis and Interstate Access Justification Report (IAJR) and safety analysis. |
| 04/19 – 04/22 | **Project Engineer \| Jefferson Parish No. 2017-054-RBP - Manhattan Blvd Signal Modifications, Westbank Expressway to Lapalco Blvd, Jefferson Parish, LA *** – Brandon developed traffic signal modification plans for 11 intersections along the Manhattan Blvd corridor in accordance with Jefferson Parish and MUTCD standards. Traffic signal modifications developed by Brandon included controller component upgrades, video detection and pedestrian accommodations as select intersections. Pedestrian accommodations included crosswalk striping, handicap ramps, signage, pedestrian signal heads and push buttons. Brandon developed a construction cost estimate, Jefferson Parish specifications and bid tabulations for use in the bidding process. He worked closely with Jefferson Parish traffic personnel to incorporate their requests throughout the project. |
| 04/16 – 02/19 | **Project Engineer \| SP H.011670.1 I-10/Loyola Interchange Improvement \| Jefferson Parish, LA *** – Brandon's tasks included data collection, safety analysis and VISSIM analysis for the Loyola Interchange project in Kenner. Data collection related tasks included processing field travel time data and determining 95% confidence levels. He managed the safety analysis tasks which included crash report review, collision diagrams, overrepresentation determination, statewide average comparisons and trend identification. VISSIM tasks included volume inputs, travel time section data processing and calibration. He also coordinated the VISSIM animation production used to present the alternatives to the public based on requirements from LADOTD and FHWA. |

**Performed services prior to joining ATG*

**16. Staff Experience:**

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| Firm employed by | Alliance Transportation Group, LLC | | | |
| Name | Colin Ash, AICP | | Years of relevant experience with this employer | 2 |
| Title | Transportation Planner | | Years of relevant experience with other employer(s) | 5 |
| Degree(s) / Years / Specialization | | | MS, 2017, Transportation, University of New Orleans Master of Urban Planning, 2016, University of New Orleans BS, 2011, Marketing, Louisiana State University | |
| Active registration number / state / expiration date | | | AICP #33927 / all / 06/30/2025 | |
| Year registered | AICP - 2022 | Discipline | Planning | |
| Contract role(s) / brief description of responsibilities | | | Colin is a multimodal Transportation Planner with experience in active transportation and land use plans, corridor evaluations, environmental studies, and community engagement in collaboration with multidisciplinary teams of planners, engineers and other design and environmental professionals. Colin assists with a wide variety of projects including for transit providers in Houston, San Marcos, and Waco as well as transit projects for State DOTs in Arkansas and Louisiana. Colin previously worked as a Transit Planner with two transit authorities in 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 years of experience specified in the applicable MPR(s). |
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| 06/24 – Ongoing | **Deputy Project Manager \| Northwest Louisiana Council of Governments \| Safe Streets for All (SS4A) Regional Action Plan \| Northwest LA** – ATG is the Prime consultant for this SS4A Action Plan. As ATG's Deputy Project Manager, Colin assisted with the delivery of public engagement, stakeholder coordination, leadership commitment, equity planning analysis, non-infrastructure recommendations and performance management recommendations. An extensive public engagement effort throughout the four-parish area consisted of intercept events, online engagement and formal meetings. |
| 06/24 – Ongoing | **Deputy Project Manager \| City of Brownsville \| Bus Rapid Transit (BRT) Feasibility Study \| Brownsville, TX –** The City of Brownsville and B-Metro are undertaking a Bus Rapid Transit (BRT) Feasibility Study to investigate, analyze, and determine the feasibility of developing a Rapid Transit Corridor (RTC). ATG is a subconsultant on the project. Colin was a key contributor to the review of existing plans, demographics, and development in the area that supported AECOM's BRT corridor analysis. Additionally, Colin oversaw a BRT station location analysis along the identified corridor. |
| 08/23 – 12/23 | **ATG Deputy Project Manager \| City of Natchitoches \| Comprehensive Safety Action Plan \| Natchitoches, LA** - ATG was a subconsultant on this Safety Action Plan for the City. Colin assisted with public engagement, including an online public survey and interactive map. The Safety Action Plan is funded by the Safe Streets and Roads for All (SS4A) Grant Program, which includes two grant types: Planning Grants and Implementation Grants. Robust public engagement focused on equitable engagement through neighborhood- and church-based meetings, online engagement, and formal council presentations. |

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| 03/23 – 03/24 | **Project Planner \| City of Alexandria \| Transit Support Assistance \| Alexandria, LA –** ATG provided technical support and assistance to the City of Alexandria's transit system, ATRANS. Services included supporting ATRANS in preparation for their FTA triennial review as well as other services related to route planning and system development on an as-needed basis. Colin assisted the agency in updating their Public Transportation Agency Safety Plan (PTASP) and Transit Asset Management (TAM) Plan as well as provided review and guidance on various elements of the agency's FTA triennial review and ongoing route planning. |
| 08/22 - Ongoing | **Project Planner \| LADOTD \| Statewide Technical Assistance for Transit \| Louisiana Statewide -** Project Planner is providing technical assistance and support to the LADOTD Public Transit Division. Colin provides coordination and technical assistance towards various statewide planning efforts, including but not limited to Coordinated Public Transit-Human Services Transportation, Agency Safety Plans (ASP), Transit Asset Management (TAM) plan, and the Intercity Bus program. |
| 10/23 – Ongoing | **Transportation Planner \| City of New Braunfels \| Transit Development Plan, Phases I and II \| New Braunfels, TX** – ATG led a team to collaborate with the City of New Braunfels to produce a transit development plan informed by community input (Phase I). The plan provides the City with short- and long-term strategic guidance for the development of transit services and coordination with rural and adjacent transit providers over a 20-year planning period. ATG continued its relationship with New Braunfels into the implementation phase (Phase II) of its transit development plan to assist the City in developing related plans and documents required by the Federal Transit Administration to become a direct recipient of Federal transit funding and launch a new transit service as well as support the City's development of an RFP for the operation of service. |
| 04/23 – 04/24 | **Transportation Planner \| City of McAllen \| Move McAllen Implementation Plan Update \| McAllen, TX** – ATG assisted McAllen with an update to their Short Range Transit Plan completed in August 2019. Colin is leading review and analysis of the previous plan to identify necessary updates and revisions to standards and alignments to maximize resources and maintain quality transit service for the McAllen community, including considerations for the integration of microtransit and high-capacity transit options. After updating the plan and service analysis, ATG will assist McAllen with public engagement materials and an implementation strategy for rolling out the agency's network realignment. |
| 08/22 – 06/23 | **Transportation Planner \| ARDOT \| Statewide Transit Coordination Plan \| Arkansas** – ATG assisted ARDOT in updating their Statewide Transit Coordination Plan, which identified and assessed mobility needs in the state in regards to human services transportation. Colin primarily focused on a task to develop a revised distribution calculation method for the State's Rental Car Tax fund whose revenues are dedicated to transit. |
| 08/22 – 12/23 | **Transportation Planner \| City of San Marcos \| San Marcos Transit Desk Review \| San Marcos, TX –** This multi-phased project included services to review Federal Transit Administration (FTA) guidelines and provide consultation to the City as a new direct recipient of FTA funding. Phase 1 included a desk review of several areas of FTA compliance. Colin began during Phase 2 to assist San Marcos in revising and developing documents in preparation for their first FTA triennial review. Phase 3 includes ongoing consultation and assistance through the triennial review process from the recipient information request (RIR) through the review itself and until completion of the City's response to any deficiencies noted by FTA. |

**16. Staff Experience:**

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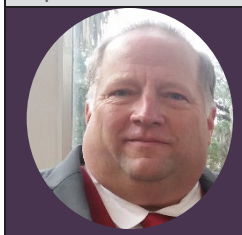
| Firm employed by | Marrero, Couvillon & Associates, LLC. | | |
| Name | **Christian Schade, P.E.** | Years of relevant experience with this employer | 6 |
| Title | **Sr. Electrical Engineer** | Years of relevant experience with other employer(s) | 24 |
| Degree(s) / Years / Specialization | | BS / 1993/ Electrical Engineering | |
| Active registration number / state / expiration date | | PE LA License No. 32483 / Exp. 09/30/2026 | |
| Year registered | 2006 | Discipline | Electrical Engineering |
| Contract role(s) / brief description of responsibilities. | | **Electrical Engineer** | |

| Experience dates | Experience and qualifications relevant to the proposed contract |
|---|---|
|  | Mr. Schade's areas of expertise include electrical engineering, power distribution, power generation, lighting, specification writing and contract administration. His experience includes Power system analysis, consisting of load flow, fault, arc flash and coordination studies using SKM Power Tools for Windows and ETAP. Proficient with incident energy level method of Arc Flash calculations per NFPA 70E, 2015 version. Electrical design support for small to medium size projects in industrial facilities, including installation of new pumps, agitators, metering equipment, lighting, and power distribution centers |
| **07/17 – 11/20** | **I-10 and 73 Widening – Design Build. LA DOTD.**<br>**Sr. Electrical Engineer.** Provided electrical engineering and design for lighting on the I-10 Widening from Highland to LA 30 design-build project. |
| **04/18 – 02/20** | **France Road – North, Roadway and Drainage Improvements, New Orleans, LA. Port of New Orleans.**<br>**Sr. Electrical Engineer.** MCA provided the electrical and mechanical engineering services for the roadway, lighting, and drainage improvements. |
| **11/16 – 6/17** | **Louis Armstrong New Orleans Airport International Airport Pavement Remediation at Eastern Side of Runway 11-29, Kenner, Louisiana. City of New Orleans.**<br>**Sr. Electrical Engineer.** Electrical design services for Pavement Remediation of sag in existing runway pavement on the eastern side of Runway 11-29 near Taxiway Alpha at the airport. |
| **04/18 – 02/19** | **Howard Avenue Extension (Loyola Avenue to LaSalle Street) New Orleans, LA. City of New Orleans.**<br>**Sr. Electrical Engineer.** Marrero, Couvillon & Associates is responsible for the Electrical Services for the Howard Avenue Extension. Work includes revising roadway lighting from high pressure sodium lights to LED lights per new City of New Orleans Standards. Revisions include changing light fixtures, downsizing electrical conductors and revising drawings including bill of materials. Performing lighting calculations and following illumination guidelines per the latest IES roadway lighting recommended practices issued in 2014. |

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| **01/20-06/20** | **Bluebonnet Blvd. (Picardy to Highland) Roadway Lighting, Baton Rouge. City/Parish of East Baton Rouge**.<br>**Sr. Electrical Engineer.** The scope of work includes additional lane capacity in each direction. Bluebonnet Blvd is two lanes in each direction currently. Pedestrian facilities are interspersed throughout the corridor and there is commercial development abutting the corridor. The project is to add an additional travel lane in each direction and provide for connected pedestrian facilities throughout the corridor. MCA is responsible for all activities necessary to complete a lighting plan and a photometric analysis report that contains illumination analysis of all roadways and/or interchanges within the project limits and conform to illumination criteria specified in the design guidelines are included in this scope. |
| **09/23-On-going** | **I-20 Widening, Wells to LA34 Electrical and Lighting Design , Baton Rouge. LA DOTD.**<br>**Sr. Electrical Engineer.** The scope of work is to provide additional traffic capacity in each direction. This was accomplished primarily by increasing the entrance/exit ramps. MCA provided design services to analyze the existing conditions of the roadway lighting, which consisted of high pressure sodium fixtures on low mast poles, and provide modifications to the existing lighting systems as necessary to accommodate the changes in roadway geometry. This includes upgrading the existing fixtures to LED, re-position select poles, and upgrading the secondary controllers to current standards. |
| 10/2020 - Ongoing | **College Drive (Perkins Road to Bawell Street) Roadway Lighting, Baton Rouge. City/Parish of East Baton Rouge.**<br>**Sr. Electrical Engineer.** The scope of work includes additional lane capacity in the northbound direction and modifications to the adjacent road network including a new extension of Concord Avenue and a new parallel road east of College Drive between the businesses adjacent to the roadway and the Hobby Lobby. The new connections will provide enhanced Pedestrian facilities to serve the adjacent businesses in the corridor. MCA is responsible for all activities necessary to complete a lighting plan and a photometric analysis report that contains illumination analysis of all roadways and/or interchanges within the project limits and conform to illumination criteria specified in the design guidelines are included in this scope. |

**16. Staff Experience:**

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| Firm employed by | Marrero, Couvillon & Associates, LLC. | | |
| Name | **M. Kimball Schlafly, P.E.** | Years of relevant experience with this employer | 5 |
| Title | **Sr. Electrical Engineer** | Years of relevant experience with other employer(s) | 36 |
| Degree(s) / Years / Specialization | | BS / 1988/ Electrical Engineering | |
| Active registration number / state / expiration date | | PE LA License No. 27699 / Exp. 09/30/2026 | |
| Year registered | 1998 | Discipline | Electrical Engineering |
| Contract role(s) / brief description of responsibilities. | | **Electrical Engineer Meets MPR No. 7** | |

| Experience dates | Experience and qualifications relevant to the proposed contract |
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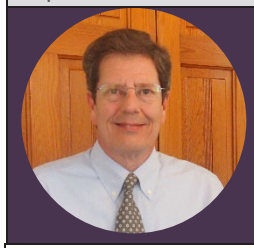
|  | Mr. Schlafly has over 35 years of engineering experience in electrical engineering, project engineering and project management. He has been responsible for various projects requiring design of lighting, low and medium voltage power distribution, standby and emergency power systems, telecommunications, fire alarm, access control, video surveillance, and theatrical audio/visual and lighting systems. |
| **07/17 –11/20** | **I-10 and 73 Widening – Design Build. LA DOTD.**<br>**Sr. Electrical Engineer.** Provided electrical engineering and design for lighting on the I-10 Widening from Highland to LA 30 design-build project. |
| 04/18 – 02/19 | **Howard Avenue Extension (Loyola Avenue to LaSalle Street) New Orleans, LA. City of New Orleans.**<br>**Sr. Electrical Engineer**. Marrero, Couvillon & Associates is responsible for the Electrical Services for the Howard Avenue Extension. Work includes revising roadway lighting from high pressure sodium lights to LED lights per new City of New Orleans Standards. Revisions include changing light fixtures, downsizing electrical conductors and revising drawings including bill of materials. Performing lighting calculations and following illumination guidelines per the latest IES roadway lighting recommended practices issued in 2014. |
| 01/20-06/20 | **Bluebonnet Blvd. (Picardy to Highland) Roadway Lighting, Baton Rouge. City/Parish of East Baton Rouge.**<br>**Sr. Electrical Engineer.** The scope of work includes additional lane capacity in each direction. Bluebonnet Blvd is two lanes in each direction currently. Pedestrian facilities are interspersed throughout the corridor and there is commercial development abutting the corridor. The project is to add an additional travel lane in each direction and provide for connected pedestrian facilities throughout the corridor. MCA is responsible for all activities necessary to complete a lighting plan and a photometric analysis report that contains illumination analysis of all roadways and/or interchanges within the project limits and conform to illumination criteria specified in the design guidelines are included in this scope. |
| 09/23-On-going | **I-20 Widening, Wells to LA34 Electrical and Lighting Design , Baton Rouge. LA DOTD.**<br>**Sr. Electrical Engineer**. The scope of work is to provide additional traffic capacity in each direction. This was accomplished primarily by increasing the entrance/exit ramps. MCA provided design services to analyze the existing conditions of the roadway lighting, which consisted of high pressure sodium fixtures on low mast poles, and provide modifications to the existing lighting systems as necessary to accommodate the changes in roadway geometry. This includes upgrading the existing fixtures to LED, re-position select poles, and upgrading the secondary controllers to current standards. |

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| 9/2023-Ongoing | **I-10 and Pecue Lane - Lighting design, Baton Rouge. East Baton Rouge, City Parish /LA DOTD.**<br>**Sr. Electrical Engineer.** Currently, there is no access to I-10 from Pecue Lane and the existing Pecue Lane consists of 2 traffic lanes. The existing overpass will be removed and replaced with two overpass structures, with 3 lanes in each direction. Pecue Lane will be reconstructed to a curb and gutter section, with a raised median and 3 lanes in each direction. South of I-10 there will be two bridge structures for Pecue to cross Ward's Creek. Cost: $36M |
| 10/2020 - Ongoing | **College Drive (Perkins Road to Bawell Street) Roadway Lighting, Baton Rouge. City/Parish of East Baton Rouge.**<br>**Sr. Electrical Engineer.** The scope of work includes additional lane capacity in the northbound direction and modifications to the adjacent road network including a new extension of Concord Avenue and a new parallel road east of College Drive between the businesses adjacent to the roadway and the Hobby Lobby. The new connections will provide enhanced Pedestrian facilities to serve the adjacent businesses in the corridor. MCA is responsible for all activities necessary to complete a lighting plan and a photometric analysis report that contains illumination analysis of all roadways and/or interchanges within the project limits and conform to illumination criteria specified in the design guidelines are included in this scope. |

**16. Staff Experience:**

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés are **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

| Firm | AECOM Technical Services, Inc. | | |
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| **Steven Brokken, PE, SE**<br>Senior Structural Engineer | | Years of Relevant Experience with this Employer | 40 |
| | | Years of Relevant Experience with Other Employer(s) | 2 |
| Degree(s) / Years / Specialization | MStttructural Engineering<br>BS / 1978 / Civil Engineering | | |
| Active Registration Number / State / Expiration Date | Professional Civil Engineer #C34381 / California / Exp. 9/30/2025<br>Professional Structural Engineer #S2753 / California / Exp. 9/30/2025 | | |
| Year Registered | 1986 | Discipline | Civil/Structural Engineering |
| Contract Role(s) / Brief Description of Responsibilities | **Structural Engineer.** *Steven has over 40 years of experience providing design for a variety of structures, including parking garages, bridges, retaining walls, shoring systems, structural renovation and upgrading, maintenance facilities, warehouses, administrative offices, academic buildings, stadiums, piers, rail transit system tunnels, pipeline fault crossings, research laboratories, and nuclear power plants. His experience includes extensive multidisciplinary project management, coordination, and technical direction of engineering activities, consultants, subcontractors, budgets, and schedules. Steven has a strong background in seismic engineering and seismic criteria development and has experience designing projects on difficult sites in high seismic regions.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 04/2005 - 06/2007 | **Norman Y. Mineta San Jose International Airport, Consolidated Rental Car Facility, San Jose, CA**. Structural Engineering Peer Reviewer. This project involved design of a consolidated rental car facility containing a single-level customer service building and a public garage at the San Jose International Airport. The rental car facility is a pile supported eight-story reinforced concrete shear wall building consisting of a ground level public parking area plus six levels of elevated parking plus the roof level, with overall plan dimensions of approximately 950 by 280 feet. The project also included a quick turnaround area for maintenance, fueling, and washing rental cars. This area also provided vehicle access to both the public parking and the rental car garage. Steven served as an extension of the San Jose Building Department staff providing structural engineering review for issuance of building permits for the facility. |
| 03/2019 - 05/2022 | **San Francisco Bay Area Rapid Transit District, Lake Merritt BART Station Complex, Oakland, CA.** *Project Structural Engineer.* This project involves a new three-story building placed as an above-grade vertical addition to the Lake Merritt BART station complex. This addition occurs within approximately the same footprint as the prior six-story administration building, which was removed to generate compliance of the complex with BART's Earthquake Safety Program. The new facility is designed in accordance with current BART facilities criteria, and is designed to be supported on existing structure columns without generating overstress in the existing complex's below-grade structure. Steve prepared and submitted structural engineering to a 65% level. This project on hold pending finalization and or relocation to an alternate location. |

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| 04/1993 - 07/1995 | **BART, West Dublin BART Station Design, Dublin, CA, Bay Area Rapid Tansit (BART).** *Project Structural Engineer.* Responsible for the structural design of a new BART station, a $40 million project. This elevated station is located in the median of I-580, just west of the I-680/I-580 interchange. Responsibilities included the design of two pedestrian bridges spanning over I-580 connecting the station with the parking lots. |
| 06/2011 - 02/2015 | **San Francisco International Airport, Air Traffic Control Tower Replacement, San Francisco, CA.** *Project Manager/Structural Engineer-of-Record .* Project was for the 2-story passenger connector and terminal 1 and 2 modifications. Steven was responsible for coordinating structural engineering, mechanical engineering, civil engineering, electrical engineering, and geotechnical engineering as well as review of shop drawings and resolution of construction issues in the field. |
| 11/2013 - 09/2015 | **San Francisco Airport Commission, San Francisco International Airport - Central Parking Garage Seismic Assessment, San Francisco, CA.** *Project manager and lead structural engineer.* Project was a condition and seismic/structural assessment study of the five-story, 3.2-million-square-foot central parking garage. The study included the garage, the central plant region and tunnels connecting the garage to the terminal buildings. |
| 07/2022 - Present | **Golden Gate Bridge District (GGB), Golden Gate Bridge Toll Gantry Structure, San Francisco CA.** *Structural Engineer.* The toll gantry structure is provided over the traffic lanes at the southern end of the Golden Gate Bridge, spanning approximately 134 feet, functioning to provide mounting locations for automated toll equipment and providing access to this equipment for maintenance. The structure is designed to be architecturally compatible with the Golden Gate Bridge facilities and is thus more complex than would be provided at a facility without these requirements. Responsibilities included complete design of a new type of device for support and access to toll equipment, consisting of a stainless-steel vertical shaft assembly with internal screw drive operated from the walking surface of the gantry. This device was made necessary to meet operational requirements to allow retrieval of devices without obstruction lanes, as well as architectural requirements of the Bridge District. |

| Firm | AECOM Technical Services, Inc. | | |
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| **Kelly Gillman, RLA**<br>Landscape Architect | | Years of Relevant Experience with this Employer | 1 |
| | | Years of Relevant Experience with Other Employer(s) | 25 |

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| Degree(s) / Years / Specialization | MBA / 2007 / Business Administration/Management<br>BLA / 1999 / Landscape Architecture | | |
| Active Registration Number / State / Expiration Date | Landscape Architect LA-16702 / Idaho / 4/16/2010<br>Landscape Architect LA-0082C / Wyoming / 6/6/2005<br>Landscape Architect LA.0001016 / Colorado / 2/1/2013<br>Landscape Architect LA-18501 / Hawaii / 6/20/2019<br>Landscape Architect 20104241 / Washington / 4/21/2020<br>Landscape Architect 4812834-5301 / Utah / 10/10/2001<br>Certified Urban Designer 144581 / American Planning Association / 2006 | | |
| Year Registered | 2005 | Discipline | NA |
| Contract Role(s) / Brief Description of Responsibilities | **Landscape Architect.** *Kelly is the principal landscape architecture studio lead based in the Murray office, with over 25 years of experience planning and designing projects for public and private sector clients. His extensive background includes significant work with a Utah-based public transit agency, overseeing a comprehensive network of transportation services encompassing TRAX light rail lines, FrontRunner commuter rail, and a diverse array of bus routes tailored to various travel needs across the service area. Kelly's work includes work with Utah's DOT, where he has provided design services for the first DOT-managed transit station project in Vineyard, Utah, and developed landscape aesthetics solutions for roadway corridors and city gateways. Throughout his career, Kelly has led urban design and regional planning projects that have played a pivotal role in fortifying and developing communities across Utah and Idaho. His expertise in site and landscape architecture has been instrumental in guiding the development and expansion of spaces, including higher education campuses, office complexes, municipal facility sites, and religious sites. This work influences the overall flow of site and corridor traffic, the long-term phased growth of facilities, and the logical implementation of development projects..* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 02/2024 - Present | **Utah Transit Authority, South Valley Transit Environmental Study & Conceptual Design, Various Locations, Utah.** *Landscape architect.* Developed the concept for a grade-separated pedestrian overpass at the planned village center for the future Springville City Commuter Rail station. Coordinated the vision for a transit plaza to circulate transit users to the village and the overpass, and oversaw the development of illustrative renderings. |
| 06/19 - 05/21 | **Utah Department of Transportation, UTA Vineyard Commuter Rail Station, Vineyard, Utah.** *Principal in charge and lead designer.* Led a team of designers and engineers to collaborate with UDOT, Vineyard City, and UTA as the project owner and operator to design an infill station platform and related park and ride/bus loop for the FrontRunner Commuter Rail Line. Constructed on the footings designed by a similar team as part of the original effort for commuter rail from Salt Lake City to Provo, the new station serves a new city center planned by the local developer and Vineyard Station. |

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| 04/14 - 02/15 | **Salt Lake City, Planning Department, 9-Line Corridor Plan, Salt Lake City, UT.** *Senior landscape architect and station design lead.* Oversaw the typical station platform/canopy design to serve the Streetcar, which was placed in several locations as part of the engineering team selected by UTA to design the first modern streetcar line in Utah. Also served as the principal in charge and lead landscape architect for the the greenway linear park improvements implemented along the S-Line Corridor by the RDA of Salt Lake City. As a cohesively designed and branded corridor, the former freight rail corridor hosts the streetcar alignment and safely integrates within UTA's design guidelines public plaza spaces, greenway improvements, and Parley's multi-purpose trail. |
| 01/06 - 12/12 | **Utah Transit Authority, Commuter Rail South Final Design, Salt Lake County to Utah County, Utah.** *Task lead/designer.* Led the station planning discipline for the engineering team tasked with designing the first extension of UTA's Commuter Rail System. Provided design for the station platform and several park-and-ride locations. Provided final design for each commuter rail platform and coordinated city-requested betterments. Provided the final landscape design for several park and ride locations. |

| Firm | AECOM Technical Services, Inc. | | |
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|  **Frances Leigh Jordan, JD**<br>Strategic Communications Manager | | Years of Relevant Experience with this Employer | 1 |
| | | Years of Relevant Experience with Other Employer(s) | 13 |
| Degree(s) / Years / Specialization | BS/Political Science/Tuskegee University<br>Juris Doctor/University of Kentucky | | |
| Active Registration Number / State / Expiration Date | Institute of Participatory Management and Planning<br>The People's Institute of Survival and Beyond Undoing Racism<br>Dispute Resolution Center of Travis County, Mediation and Facilitation<br>Kentucky Bar #9433 | | |
| Year Registered | | Discipline | |
| Contract Role(s) / Brief Description of Responsibilities | **Public Engagement.** *Frances Jordan is an award-winning strategic communicator with over 10 years of experience in communications, community engagement, project management, and meeting/event production. Frances' experience includes a diverse background that lends to her unique ability to connect and forge common ground amongst people with differing interests. In her role at AECOM, Frances serves as the public involvement lead for several transportation projects in Houston, Austin, and Texas statewide. She has led outreach campaigns across Texas tailoring to the different needs of urban and rural communities.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 08/2024 - Present | **TxDOT, State Highway 99, Segment A, Feasibility Study (Galveston County).** ***Public Involvement.*** Task Lead for a study on SH 99 from I45S to SH 146 to identify and obtain meaningful input from stakeholders in Galveston county to inform preliminary concepts. Primary duties include developing the public involvement plan, coordination with key stakeholders and local elected officials, managing execution of logistics and materials for all in-person and virtual public meetings for the project; and overseeing all public comment summary documentation. |
| 5/2024 - Present | **TxDOT, Brookshire-Pattison Mobility Study (Waller, Fort Bend and Harris Counties).** ***Public Involvement.*** Task lead for a mobility study along the Brookshire- Pattison corridor. Coordinating with the Houston District as a part of the Real 2.0 project that is working to improve mobility in the growing corridor. Primary duties include developing the public involvement plan;coordinating stakeholder and steering committee meetings, and public meetings to discuss the mobility needs in this corridor. |
| 05/2024 - Present | **TxDOT US 183 Feasibility/Environmental/Schematic Study (Williamson & Burnet Counties, TX).** ***Public Involvement.*** Task Lead for a study to gain NEPA clearance for US 183 between Liberty Hill and Lampasas. Primary duties include developing the public involvement plan; leading meeting facilitation with key stakeholders and property owners along the corridor; managing execution of logistics and materials for all in-person and virtual public meetings for the project; and overseeing all public comment summary documentation. |

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| 01/2023 - 04/2024 | **TxDOT Statewide Transit Multimodal Plan (Statewide).** ***Communication Engagement.*** Led all communications, engagement and outreach strategy including steering committee and working group creation. Implemented a statewide outreach plan that touched over 18 cities in rural and urban areas across TxDOT. The first-ever effort by TxDOT to conduct statewide outreach about transit. Originally, outreach was going to be online, but I advocated and implemented a boots on the ground strategy across Texas to get the voice beyond digital media to ensure a wellrounded, comprehensive set of stakeholders were reached especially under-served, rural and elderly populations that may lack the technology to engage through social media and email.<br>** Previous Firm Experience* |
| 08/2024 - 04/2024 | **TxDOT Capital Express Central (Austin, Texas).** ***Stakeholder Engagement.*** Led communications and stakeholder engagement program for the I-35 Capital Express Central Project, a $4.8 billion Texas Department of Transportation program, during the environmental phase of the program. Led all public involvement activities from the first public meeting through the environmental clearance in August of 2023.<br>** Previous Firm Experience* |

| Firm | AECOM Technical Services, Inc. | | |
|---|---|---|---|
| **Tim Simon, PE**<br>Associate Vice President | | Years of Relevant Experience with this Employer | 2 |
| | | Years of Relevant Experience with Other Employer(s) | 11 |
| Degree(s) / Years / Specialization | MS / 2010 / Urban Planning<br>BA / 2008 / Journalism, Public Relations, Advertising and Applied Communication | | |
| Active Registration Number / State / Expiration Date | Certified Planner Association 30579 / American Institute of Certified Planners/American Planning Association / NA | | |
| Year Registered | 2018 | Discipline | Planning |
| Contract Role(s) / Brief Description of Responsibilities | **Transit-Rail Lead.** *Tim is a distinguished gulf coast transit rail lead with an impressive 14-year track record in transit planning. During his tenure, six of which were dedicated to collaborating with transit systems at agencies nationwide, Tim has honed his expertise. In previous employment by public transit agencies in Missouri and Oregon, Tim actively engaged with communities to spearhead major transit studies. These initiatives were instrumental in maximizing the impact of substantial investments in high-capacity transit, transit-oriented development, and enhanced transit services. With extensive experience as a task lead and project manager, Tim has excelled in his roles, whether as an integral part of transit agencies or as a consultant. His consultancy work has successfully managed and supported numerous on-call planning contracts. In these capacities, Tim has acted as an extension of staff, contributing his expertise to a wide range of transit projects. These include comprehensive system redesigns, targeted transit corridor analyses, alternative analyses, and intricate technical service planning tasks. Tim's mastery extends across all facets of transit service design, granting him a unique perspective that effectively bridges the gap between planning, implementation, and operation. His invaluable contributions have significantly influenced the landscape of transit services, ensuring their seamless integration and optimal performance.* | | |

| Experience Dates | Experience and qualifications relevant to the proposed contract. |
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| 08/22 - 11/23 | **City of Phoenix, Phoenix BRT Segment Design, Phoenix, Arizona.** *Business line manager.* Supported the 13.6-mile 35th Avenue Phoenix BRT project through the development and review of prioritization and evaluation criteria. This criterion determined key project features such as speed and reliability improvements, cross-section design, fixed guideway dedication, station location, and operating profile. In addition, this critical step helped advance this corridor into the next phase of project implementation, which was preliminary engineering. |
| 08/23 - 11/23 | **Metropolitan Transit Authority of Harris County, University Corridor Bus Rapid Transit, Houston, Texas.** *Task support lead.* Oversaw the delivery of services for a 25-mile center running BRT in a dedicated guideway under development for the FTA New Starts Capital Investment Grant program. The BRT has 42 stations servicing three Universities, connected to five existing METRO transit centers, three METRORail LRT lines, METRO's Silver Line BRT, and several enhanced BOOST Bus service routes. AECOM was selected as the General Engineering Consultant (GEC) for the project development phase to advance the concept design and deliver the 30% preliminary engineering for FTA's NEPA evaluation. As METRO's GEC, advancing the preliminary engineering for the UCBRT, AECOM worked closely with METRO to resolve complex design challenges. Tim provided oversight, review, and comment on the active transportation analysis. These services were carried out within the framework of a multi-year task order contract. |
| 06/23 - 06/24 | **Austin Transit Partnership, LRT Conceptual Engineering - Conceptual Design Services, Austin, Texas.** *Business line manager.* Led the development of the transportation analysis memo focused on transportation elements potentially affected by the proposed LRT project, including transit facilities, pedestrian/bicycle facilities, vehicular traffic, and parking to support the long-range High Capacity Transit system planning initiative. The analysis assessed impacts such as travel time, demand, coverage, and more. |

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| 07/22 - 12/23 | **Capital Metropolitan Transportation Authority, General Planning & Consulting 2020-2021 - Bergstrom Spur Phase 1 Transit Feasibility Study, Austin, Texas.** *Project manager.* Worked collaboratively with the CapMetro Service Planning Team to envision an east-west transit service along the Bergstrom Spur with connectivity along its corridor. The project resulted in on-street bus service designs for transit recommendations that will complement and support growth and development along the corridor. These services were carried out within the framework of a multi-year task order contract. |
| 04/22 - 04/22 | **Capital Metropolitan Transportation Authority, Orange Line Program NEPA Analysis/FTA Capital Investment Grant Program, Austin, Texas.** *Task manager.* Identified, defined, evaluated, and recommended new high capacity transit (HCT) investments and enhancements to existing HCT in a three-phase approach that involved extensive public and stakeholder involvement. Provided technical support for the AA during the development and refinement of evaluation criteria specifically related to ridership and transit propensity. Remained a technical lead and took on a broader leadership role during the Phase 2 effort to determine preferred alignments, modes, guideway profiles, station locations, and transportation system integration for eight corridors identified through Phase 1. Brought a critical perspective that helped integrate the future HCT with the existing transit network. |
| 01/16 - 09/16 | **Lane Transit District, MovingAhead, Eugene, Oregon.** *Lead technical advisor.* Played a pivotal role in defining and prioritizing Bus Rapid Transit (BRT) corridors. MovingAhead is a collaborative initiative between the City of Eugene, Lane Transit District, and other regional partners. Our project delved into crucial transportation investments within key corridors. Leveraging meticulous technical analysis for each corridor, MovingAhead presented an array of proposed investment options meticulously bundled into packages. These packages featured combinations of three alternatives across five corridors, offering comprehensive solutions to enhance regional transportation infrastructure. [Prior to AECOM] |

**16. Staff Experience:**

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés are **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

| Firm employed by EJES Incorporated | | | |
|---|---|---|---|
| Name | Edwin B. Jones, PE, MBA | Years of relevant experience with this employer | 28 |
| Title | Principal \| Senior Civil Engineer | Years of relevant experience with other employer(s) | 7 |

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|---|---|---|---|
| Degree(s) / Years / Specialization | | | BS/1990/Civil Engineering<br>MBA/2000/Operations Management |
| Active registration number / state / expiration date | | | PE.0027489/LA/03-31-2026 |
| Year registered | 1997 | Discipline | Professional Civil Engineer |
| Contract role(s) / brief description of responsibilities | | | Mr. Jones has more than 30 years of experience in Civil Engineering, and he is responsible for coordinating operations, project reviews, and staff resources in the Jackson, Dallas, Houston, and Louisiana offices. In addition to 28 years of managing operations at EJES, his managerial experience also includes 7 years of engineering experience with the Texas Department of Transportation. Mr. Jones has been successful in managing projects for site development, roadway design, water/ wastewater design, transportation planning, hydraulics/drainage design, bridge layouts, environmental services, aviation design and various projects for the past 28 years. Mr. Jones is experienced with engineering analysis and design software including GeoPak, Eagle Point, WINSTORM, THYSIS, HEC RAS, MicroStation, and AutoCAD. |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **06/24 - ONGOING** | **Knight Street Improvements, Shreveport, LA** \| QA/QC Reviewer for design services for a 0.75 mile long, three-lane, urban section of Knight Street between Shreveport-Barksdale Highway and Preston Street in east-central Shreveport. Design work also included extensive subsurface drainage, right-of-way agreements and maps, and utility relocation. |
| **06/14-02/15** | **I-20 and Garrett Road Drainage, Monroe, LA** \| Principal-in-Charge for providing subsurface design and hydraulic analysis for a frontage road along I-20 at Garrett Road in Monroe, LA. The 2-lane asphalt frontage road was approximately 4,000 ft. in length and included concrete curb and gutter. The drainage design was performed according to LaDOTD standards, and the hydraulic analysis was performed utilizing the LaDOTD hydraulic software programs. |
| **02/14 – 04/16** | **FM 2201 Widening (From FM 4 to US 281), Palo Pinto, TX \|** Principal-in-Charge for design services widening approximately 7.2 miles of FM 2201 to provide additional paved surface width. Responsible for managing the development of complete plans, specifications and estimates. Work details included typical sections, plan and profiles, drainage, driveways, SW3P and traffic control. |
| **12/17 – 03/19** | **US 175, SM Wright Parkway Reconstruction Phase 2, Dallas TX \|** Principal-in-Charge for for providing the preparation of plans, specifications and estimates (PS&E) for the SM Wright, a project which includes freeway to frontage road and cross street roadway ramps linking IH 45 (Julius Schepps Freeway) and Martin Luther King Jr. Boulevard and Al Lipscomb Way; and converting US 175 freeway (SM Wright Parkway) to a low-speed arterial roadway. The services include preparing roadway and |

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| | bridge design, hydrologic and hydraulic design, traffic signal design, survey, and geotechnical data collection, subsurface utility engineering (SUE) to support the design process. |
| **02/15 – 12/17** | **FM 1388 Widening (From FM 148 to US 175), Kaufman, TX \|** Principal-in-Charge for design services for the reconstruction of bridge and approaches and widening approximately 7.2 miles of FM 1388 to provide additional paved surface width. Responsible for managing the development of complete plans, specifications and estimates. Work details included typical sections, plan and profiles, drainage, driveways, SW3P and traffic control. |

(Add rows as needed)

| Firm employed by EJES Incorporated | | | |
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| Name | Tanita Gilbert-Baker, PE, MBA | Years of relevant experience with this employer | 15 |
| Title | Project Manager/Senior Civil Engineer | Years of relevant experience with other employer(s) | 12 |

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|---|---|---|---|
| Degree(s) / Years / Specialization | | | B.S./1994/ Civil Engineering<br>MBA /2007/Business Administration |
| Active registration number / state / expiration date | | | 29350/LA/03-31-2025 |
| Year registered | 2001 | Discipline | Professional Civil Engineer |
| Contract role(s) / brief description of responsibilities | | | Ms. Gilbert-Baker' currently serves as President of EJES, and her experience in project planning and design began in 1994. She has extensive experience in the design and management of transportation projects. She has designed/managed over 50 miles of roadway/highway improvements with various cross sectional elements, including rural two-lane asphalt roads with roadside ditches; urban five-lane concrete arterials streets with center turn lane/median, signalized intersections, subsurface drainage, and ADA compliant sidewalks; historic two-lane brick streets with parking; four-lane interstate highways with underpasses, overpasses, and interchanges; and six-lane interstates requiring complete construction signing and sequencing. She has managed over 20 off-system, on-system, and highway bridge projects including precast, box culvert, slab span and concrete-girder designs. She has utilized state and federal software to analyze and oversee the analysis of stream crossings, inlet spacing, and subsurface drainage systems. She has participated in multiple highway planning and environmental studies, developing horizontal and vertical alignments within corridors with very restrictive right-of-way or sensitive topographical features requiring close coordination with state/federal highway officials as well as residents of the impacted community. |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **06/24 - ONGOING** | **Knight Street Improvements, Shreveport, LA \|** Project Engineer: Provided design services for a 0.75 mile long, three-lane, urban section of Knight Street between Shreveport-Barksdale Highway and Preston Street in east-central Shreveport. Design work also included extensive subsurface drainage, right-of-way agreements and maps, and utility relocation. |
| **03/09 – 06/10** | **I 49 Inner City Connector, Caddo Parish. LA, Providence Engineering \|** Project Manager/Engineer performed engineering services for preparation of comprehensive Stage 0 and Environmental Study for the 3.8 mile I-49 Inner City Connector corridor through Shreveport. The project identified alternative routes to connect the existing I-49/I-20 interchange to the proposed I-49/I-220 interchange. Responsibilities included development of the design criteria, typical sections, analysis of horizontal and vertical alignment alternative, right of way requirements, and opinion of probable costs in accordance with all LDOTD/AASHTO Manuals, and participation in public meetings. |
| **01/01 – 02/10** | **I 49 North (LA 1 – LA 173), Caddo Parish, LA** \| Project Manager/Engineer: Performed engineering services for preparation of preliminary and final roadway plans for an extension of I-49 North. The project extended 5.5 miles beginning at Junction LA 1 and ending at Junction LA 173 north of Shreveport, LA. Responsibilities included project management, hydraulic analysis of Twelve Mile Bayou, Doe Slough Canal, and levee crossings, design of horizontal and vertical alignments for I-49 |

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| | and crossing roadways, and roadway ramp design at I-49/LA 1 and I-49/LA 173. Initial project scope included only preliminary design, which was completed in 2003. Preparation of final design began in 2009 and was completed in 2010. |
| **01/01 – 12/04** | **LA 3132, Inner Loop Extension (Industrial Loop – LA 523), Shreveport, LA** \| Project Manager/Engineer: For engineering services for the LA 3132 Inner Loop Extension (Industrial Loop LA 526 – LA 523) The project extended 1.44 miles in a southeasterly direction beginning west of the intersection of LA 3132 and the Industrial Loop LA 526 and ending at the proposed intersection with LA 523 (Flournoy-Lucas Road). Project included design of bridge over Bert Kouns Industrial Loop. Services included preparation of NEPA Environmental Assessment, preliminary/final roadway, bridge plans and right-of-way maps. The project required coordination with the realignment and widening project for LA 523 that was designed by others. Responsible for drainage design and geometric design of roadway, ramps and access roads. Also, designed tie-ins to the existing Inner Loop as well as ramp ties to LA 523. Also responsible for coordination of the bridge layout and profile based on previous EA studies. |
| **01/06 – 07/12** | **Bellevue Road, Bossier Parish, LA** \| Project Manager/Engineer: Provided development of construction plans and specifications for improvements to Bellevue Road. Proposed improvements consisted of widening 2.5 miles of existing 2-lane asphalt roadway with roadside ditches to three lane asphalt roadway (two travel lanes, with center turn lane). Approximately 1.75 miles of the project was designed with curb and gutter and subsurface drainage to minimize right-of-way requirements. The remaining 0.75 miles was designed with roadside ditches. Hydraulic analysis of existing, proposed, and off-site drainage, coordination of the railroad crossing, and realignment of side roads for improved sight distance were required. Project also required preparation of clearing/grubbing plans and specifications for clearing of the existing and required right-of-way. Services also included construction administration. |
| **01/03 – 09/14** | **Hamilton Road \| Bossier City, LA** \| Project Manager/Engineer: For a local urban systems project to provide a complete EA in accordance with NEPA and Roadway Design for the widening of the existing two-lane road to four lanes with 10 ft. median, subsurface drainage, and sidewalks. Project also required widening the existing underpass of KCS Railroad and design an overpass of the Union Pacific Railroad. The Hamilton Road corridor is approximately 2-miles of existing roadway and approximately 0.25-miles of proposed new alignment roadway. Responsible for the roadway horizontal/vertical design and coordination between the City of Bossier City, LaDOTD, and KCS Railroad and Union Pacifica Railroad companies. |
| **06/14-02/15** | **I-20 and Garrett Road Drainage, Monroe, LA** \| Senior Project Manager: Provided subsurface design and hydraulic analysis for a frontage road along I-20 at Garrett Road in Monroe, LA. The 2-lane asphalt frontage road was approximately 4,000 ft. in length and included concrete curb and gutter. The drainage design was performed according to LaDOTD standards, and the hydraulic analysis was performed utilizing the LaDOTD hydraulic software programs. |
| **02/09 – 11/10** | **Desoto Parish Road Rehab, Desoto Parish, LA**\| Project Manager: Developed a roadway rehabilitation plan to improve substandard paving at various locations throughout the Parish network. Desoto Parish's initial plan was to rehabilitate 32 miles of substandard roadway at various locations throughout their system. A massive amount of oil and gas activities were underway at the time of the project, and the heavy drilling equipment and associated material trucks were causing a considerable amount of unforeseen roadway failures. Initial rehabilitation concepts varied from mill/overlay plans to complete reconstruction. In addition, the Parish was interested in widening the existing pavement to meet current traffic capacity demands. The original construction budget allocated for this project was $14.6 million. EJES was tasked with developing an improvement plan that would meet the Parish's goals where feasible while making the best possible use of the allocated construction budget. |

| Firm employed by EJES Incorporated | | | |
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| Name | Shirley D. Wilson, EI | Years of relevant experience with this employer | 15 |
| Title | Senior Civil Designer/Engagement | Years of relevant experience with other employer(s) | 2 |

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| Degree(s) / Years / Specialization | | | BS/2003/Civil Engineering |
| Active registration number / state / expiration date | | | EI.0027786/LA/03.31.2026 |
| Year registered | 2005 | Discipline | Professional Civil Engineer |
| Contract role(s) / brief description of responsibilities | | | Ms. Wilson has 17 years of experience in multi-disciplinary Civil Engineering projects. She has experience in roadway design, street rehabilitation, the evaluation of storm and sanitary sewer lines for rehabilitation, design of wastewater treatment plants, water plant improvements, and airport improvement projects. She is responsible for the hydraulic designs in various roadway projects, along with the design of runway, taxiways and access roads |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **06/24 - ONGOING** | **Knight Street Improvements, Shreveport, LA** \| Civil Designer: Provided design services for a 0.75 mile long, three-lane, urban section of Knight Street between Shreveport-Barksdale Highway and Preston Street in east-central Shreveport. Design work also included extensive subsurface drainage, right-of-way agreements and maps, and utility relocation. |
| **01/06 – 07/12** | **Bellevue Road, Bossier Parish, LA** \| Civil Designer: Provided development of construction plans and specifications for improvements to Bellevue Road. Proposed improvements consisted of widening 2.5 miles of existing 2-lane asphalt roadway with roadside ditches to three lane asphalt roadway (two travel lanes, with center turn lane). Approximately 1.75 miles of the project was designed with curb and gutter and subsurface drainage to minimize right-of-way requirements. The remaining 0.75 miles was designed with roadside ditches. Hydraulic analysis of existing, proposed, and off-site drainage, coordination of the railroad crossing, and realignment of side roads for improved sight distance were required. Project also required preparation of clearing/grubbing plans and specifications for clearing of the existing and required right-of-way. Services also included construction administration. |
| **06/14-02/15** | **I-20 and Garrett Road Drainage, Monroe, LA** \| Civil Designer: Provided subsurface design and hydraulic analysis for a frontage road along I-20 at Garrett Road in Monroe, LA. The 2-lane asphalt frontage road was approximately 4,000 ft. in length and included concrete curb and gutter. The drainage design was performed according to LaDOTD standards, and the hydraulic analysis was performed utilizing the LaDOTD hydraulic software programs. |
| **02/09 – 11/10** | **Desoto Parish Road Rehab, Desoto Parish, LA** \| Civil Designer: Civil Designer: Provided professional engineering services for the rehabilitation of the existing roadway, including milling/pulverization of existing road, base treatment, base widening, asphaltic concrete overlay, along the installation of signs/pavement markings, spot replacement of damaged drainage structures, grading of existing ditches and application of hydro seeding. Ms. Wilson had a major role in the hydraulic design analysis and the traffic signage. |
| **05/09 – 05/11** | **Cotton Street Bridge - Alexandria, LA** \| Civil Designer: Provided the initial subsurface drainage and ditch grading design. This project involved the designing of a bridge over a bayou to connect Cotton Street on the north to two one-way streets on the south end. |

| Firm employed by EJES Incorporated | | | |
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| Name | Bryan K. Joseph, EI | Years of relevant experience with this employer | 2 |
| Title | Civil Designer | Years of relevant experience with other employer(s) | 19 |

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|---|---|---|---|
| Degree(s) / Years / Specialization | | | BS/2001/Mechanical Engineering |
| Active registration number / state / expiration date | | | 0020836/LA/09.30.2025 |
| Year registered | 2003 | Discipline | Civil Designer/Project Manager |
| Contract role(s) / brief description of responsibilities | | | Mr. Joseph has over 20 years of professional engineering experience. Possess hands-on experience dealing with project management, developing and adhering to project schedule (critical path), and meeting or exceeding promised/projected client expectations. He has managed projects ranging from a $50,000 preliminary evaluation project to a multi-million-dollar design/built job. Mr. Joseph's responsibilities include providing project management and supervision of both design and construction projects, performing quality assurance/quality control reviews, design subsurface drainage systems, and preparing roadway and drainage plans for inclusion in surface transportation system construction projects. |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **01/23 - Ongoing** | **Plank Road Phase 2, Baton Rouge, LA \| Civil Designer.** Providing design for new roadway alignment for airport runway extension and rerouting to Harding Blvd that includes elevated roadway, overpasses, intersection, traffic signalization and ROW acquisition. |
| **06/21 - 12/21** | **Ave D Drainage Improvements (Allo Street: Between 6th St. and 4th St.), Jefferson Parish, LA \|** Construction Admin/PM: SWFCP Drainage Improvement Phase 8, Marrero, LA Construction/Administration services for last task/project. Complete utility replacements and full depth roadway resurfacing. In addition, involved installation of 48" equivalent diameter RCPA. |
| **06/20 – 12/20** | **Ave D Drainage Improvements (Ave. C: Between 6th St. and 4th St.), Jefferson Parish, LA \|** Construction Admin/PM: SWFCP Drainage Improvement Phase 8, Marrero, LA Construction/Administration services for last task/project. Complete utility replacements and full depth roadway resurfacing. In addition, involved installation of 48" equivalent diameter RCPA. |
| **02/17-08/17** | **Ave D Drainage Improvements (Ave C, Ave A, Gaudet: Between 6th St. and 8th St.), Jefferson Parish, LA \|** Construction Admin/PM: SWFCP Drainage Improvement Phase 6, Marrero, LA Construction/Administration services for last task/project. Combined Project budget was over $1.5M and involved complete utility replacements and full depth roadway resurfacing. In addition, involved installation of 64" to 72" equivalent diameter RCPA. Continuation of work accomplished previous summer, due to proximity with a school. |
| **01/11 - 07/11** | **Statewide Flood Control Program (SWFCP) University City & Audubon Place Drainage Improvement, Kenner, LA \|** Hydraulic Modeler/Construction Admin/PM: SWFCP University City Drainage Improvement, Kenner, LA Construction/Administration services for last task/project. Involved Hydraulic modeling utilizing HYDROWIN stormwater drainage modeling software to aid in grant application completion and BCA determination. |

| Firm employed by EJES Incorporated | | | |
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| Name | Nicholas LaValla, PE | Years of relevant experience with this employer | 2 |
| Title | Design Engineer | Years of relevant experience with other employer(s) | 2 |
| Degree(s) / Years / Specialization | | BS/2020/Civil and Environmental Engineering | |
| Active registration number / state / expiration date | | PE.0049504/LA/03.31.2025 | |
| Year registered | 2024 | Discipline | Civil Engineer |
| Contract role(s) / brief description of responsibilities | | Mr. LaValla has 4 years of professional engineering experience providing planning, schematic development, and construction plans for roadways, bridges, water, and storm drainage systems, and construction inspection and administration service. Services include drainage calculations, reports, cost estimates, bid phase services, construction administration, resident engineering, QA/QC, utility correspondence, field investigations and Civil 3D. | |

| Experience dates (08/21–09/23) | 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). |
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| **06/23 - Ongoing** | **Plank Road Phase 2, Baton Rouge, LA \| Civil Designer.** Providing design for new roadway alignment for airport runway extension and rerouting to Harding Blvd that includes elevated roadway, overpasses, intersection, traffic signalization and ROW acquisition. |
| **06/22 – Ongoing** | **Gentilly Woods (RR061) Road Improvements Project, City of New Orleans, LA \| Civil Designer.** Responsible for any project related tasks, such as attending meetings, providing comment resolution sheet, applying for permits, etc. as well as coordinating with the client, contractor, and RI throughout the project. Project consists of approximately 5.5 miles of mixed roadway rehabilitation (full depth and overlay), utility, and accompanying sidewalk & driveway replacement. Work encompassed approximately .375 square miles of residential area. Provided full A/E services (Design, Bidding, Construction Administration, Closeout). |
| **08/21 – 10/22** | **Lake Vista (RR074) Road Improvements Project, City of New Orleans, LA \| Civil Designer.** Responsible for any construction admin throughout the project such as RFI's, site visits, pre-pour inspections, preparing plan change documents, quantity tracking, invoice/pay application review, reviewing material testing reports, facilitating progress meetings. Project consists of approximately 1.0 miles of mixed roadway rehabilitation (full depth and overlay), utility (water/drain/sewer), and accompanying sidewalk & driveway replacement. Provided full A/E services (Design, Bidding, Construction Administration, Closeout). |
| **02/22 – Ongoing** | **Lakeshore Group B (RR079) Road Improvements Project (City of New Orleans, LA \| Civil Designer.** Provided A/E design, bidding, construction administration, and closeout service for approximately 1.0 miles of mixed roadway rehabilitation (full depth and overlay), utility (water/drain/sewer), and accompanying sidewalk & driveway replacement. |
| **08/21 – 10/22** | **Ames Blvd Rehabilitation (LaPalco Blvd to Happy St.), Jefferson Parish, LA \| Construction Inspector.**Provided A/E design, bidding, construction administration, and closeout service for the replacement of approximately .9 miles of roadway (concrete panel), with accompanying sidewalk & driveway. |

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| Firm employed by | **NTB Associates, Inc.** | | | |
| Name | **Bryan T. Bunch** | | Years of relevant experience with this employer | **15.5** |
| Title | **Executive Vice President** | | Years of relevant experience with other employer(s) | 15 |
| Degree(s) / Years / Specialization | | | **B.S. / 1988 / Survey and Land Information Systems, University of Arkansas** | |
| Active registration number / state / expiration date | | | **5014 / Louisiana / 03/31/2026** | |
| Year registered | **2009** | Discipline | **Professional Surveyor** | |
| Contract role(s) / brief description of responsibilities | | | **Mr. Bryan Bunch, PLS** will serve as **NTBA Project Manager** for **topographic surveying services** during this contract. Bryan will manage survey crews, processing, drafting, and submittals. **Bryan satisfies MPR No. 5 per the advertisement.** | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **12/17 – 11/24** | **LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (44-12323, 44-17713, 44-14660 - Multiple TOs) Survey Project Manager** directed field crews, file processing, drafting, and submittals for **Static GPS Control surveys, topographic surveys, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating** for approximately 13 miles of roadway. **NTBA** is currently performing **topographic surveys** near the I-10 and I-110 interchange for additional areas. |
| **01/23 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Survey Project Manager** directing field crews, file processing, drafting, and submittals for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services** for the design-build project to replace the Jimmy Davis Bridge across the Red River. |
| **09/20 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Survey Project Manager** directing field crews, file processing, drafting, and submittals for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 34 bridge and culvert replacements as a sub-consultant to BKI. |
| **09/20 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Survey Project Manager** directing field crews, file processing, drafting, and submittals for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 21 bridge and culvert replacements as a sub-consultant to Waggoner. |
| **07/23 – 11/24** | **LaDOTD IIJA Off-System Bridge Program, District 62 (4400025041) Quality Control Surveyor** assisting in staffing, coordination, and QA/QC for **Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparation, and preliminary and final right-of-way mapping** in support of bridge replacements. |
| **08/22 – 11/24** | **CenterPoint Surveying Services, Various Parishes, LA (Various Agency Proj. Nos.) Quality Control Surveyor** assisting in staffing, coordination, and QA/QC for **topographic surveys, property surveys, surveys in support of SUE, title takeoffs, boundary and right-of-way calculations, CADD drawings, and plats** for maintenance and construction projects. |
| **04/22 – 04/23** | **LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Survey Project Manager** directed field crews, file processing, drafting, and submittals for **Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation,** and Mobile Laser Scanning for interstate rehabilitation. |
| **03/21 – 03/22** | **City-Parish Ward Creek at Siegen Lane, East Baton Rouge Parish, LA (22-DR-US-0013) Survey Project Manager** managed field crews and technicians for **control, topographic, and property surveys along with QL B, C, and D subsurface utility designating services** for approximately 1,500 feet of Ward Creek. |

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| **01/20 – 03/21** | **UPRR Big Sandy Siding Survey, Upshur and Wood Counties, TX (29543/90502) Assistant Project Manager** assisted in the management of field crews and technicians for **property surveying services** for 15 parcels along railroad consisting of approximately 3.24 miles of track to establish the existing railroad right-of-way. 8 ALTA Surveys were prepared along with the privately owned **parcels for acquisition**, 0.25 acre **acquisition parcel in the right-of-way, and an overall right-of-way strip map.** |
| **05/15 – 12/20** | **City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Quality Control Surveyor** supervised south LA field crews and technicians for **Static GPS Control surveys, topographic, property,** and hydrographic surveying services, and **QL A, B, C, and D subsurface utility designation/locating** for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge. |
| **11/15 – 05/17** | **Bossier Parish Police Jury, Winfield Road Extension, East/West (LA 3 to Airline Highway) Bossier Parish, LA (DEC 15-11-03) Quality Control Surveyor** assisted in staffing, coordination, and QA/QC for **control surveys, topographic surveys, property surveys, right-of-way mapping, QL D subsurface utility services, and drainage map preparation** as a sub to Denmon (Volkert). |
| **07/16 – 03/17** | **LaDOTD Bayou Fountain, Route LA 327 Spur (Gardere Lane) East Baton Rouge Parish, LA (4400006527 & H.002337.5) Survey Project Manager** directed field crews, file processing, drafting, and submittals for **topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, surveys in support of QL B, C, and D subsurface utility designating, and drainage map preparation** for roadway rehabilitation. |
| **05/13 – 10/15** | **Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Agency Proj. No. Unknown) Quality Control Surveyor** assisted in staffing, coordination, and QA/QC for **topographic surveys, property surveys, final right-of-way mapping,** and **drainage map preparation** for the use in engineering plan and specifications. |
| **04/15 – 09/15** | **LaDOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 & H.011094.5) Quality Control Surveyor** assisted in staffing, coordination, and QA/QC for **topographic surveying services**, **HDS 3D Terrestrial Laser Scanning, drainage map preparation, and surveys in support of QL B subsurface utility designating** for bridge rehabilitation. |
| **02/14 – 03/15** | **LaDOTD Earhart Expressway Extension to US 61, Route LA 3139, Jefferson Parish, LA (H.004367.5) Project Manager** directed survey crews, file processing, drafting, and submittals for **topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection** for an overpass connection, relocation of existing lanes, and construction of additional lanes as a sub-consultant to AECOM. |
| **07/12 – 01/14** | **LaDOTD I-10 Loyola Ave. to Williams Blvd., Jefferson Parish, LA (H.003074.5 & H.009087.5) Project Manager** directed survey crews, file processing, drafting, and submittals for **topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection** for interstate rehabilitation as a sub-consultant to GEC, Inc. |
| **07/12 – 06/13** | **LaDOTD I-10 Williams Blvd. to Veterans Blvd., Jefferson Parish, LA (H.003074.5 & H.009087.5) Project Manager** directed survey crews, file processing, drafting, and submittals for **topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection** for interstate rehabilitation as a sub-consultant to GEC, Inc. |
| **07/10 – 10/12** | **LaDOTD LA 42 Widening and Improvements District 61, Ascension Parish, LA (700-03-0125 & 701-65-1538) Project Surveyor** directed **topographic and property surveys and title work** to locate all existing structures within 50 feet of proposed **right-of-way**. Bryan also managed the **preparation of right-of-way acquisition maps for 165 parcels.** |
| **01/12 – 04/12** | **LaDOTD I-12 Walker to Satsuma, Livingston Parish, LA (4400001798 & H.009836.5) Project Surveyor** assisted in the supervision of field crews, file processing, drafting, and submittals for **topographic surveys and surveys in support of QL B, C, and D subsurface utility designating** for interstate rehabilitation. |
| **03/10 – 10/11** | **US 61 Hemlock Drive Intersection – St. John the Baptist Parish, LA (Agency Proj. No. 76716-00) Project Surveyor** directed **topographic and property surveys and the preparation of right-of-way maps** for use as basis for engineering design for a new 4-lane divided state highway as a sub-consultant to Buchart Horn. |
| **02/11 – 08/11** | **LaDOTD I-20 Rehabilitation Westerfield Avenue to Industrial Drive, District 04, Bossier Parish, LA (H.003860.5 & 700-99-0525) Project Surveyor** assisted in the supervision of south LA survey crews, file processing, drafting, and submittals for **topographic surveying services** for interstate rehabilitation. |

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| Firm employed by | **NTB Associates, Inc.** | | | |
| Name | **Patrick C. Staiano** | | Years of relevant experience with this employer | **4** |
| Title | **Staff Surveyor** | | Years of relevant experience with other employer(s) | 10 |
| Degree(s) / Years / Specialization | | | **B.S. / 2008 / Construction Management, Louisiana State University / ATSSA TCS** | |
| Active registration number / state / expiration date | | | **5130 / Louisiana / 09/30/2025** | |
| Year registered | **2015** | Discipline | **Professional Surveyor** | |
| Contract role(s) / brief description of responsibilities | | | **Mr. Patrick Staiano, PLS** will serve as **NTBA Project Manager** for **property surveying services, right-of-way mapping, and title take-offs** during this contract. **Patrick satisfies MPR No. 4 per the advertisement.** He will manage field crews, data processing, drafting, review and certification of maps and surveys, and submittals. | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **01/23 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Assistant Project Manager** assisting in the management of field crews and technicians for **Static GPS control surveys, topographic surveys, property surveys, surveys in support of QL B, C, and D subsurface utility designating**, **title take-offs, legal description preparation, and preliminary and final right-of-way mapping** for the design-build project to replace the Jimmy Davis Bridge across the Red River as a sub-consultant to James Construction. |
| **07/23 – 11/24** | **LaDOTD IIJA Off-System Bridge Program, District 62 (4400025041) Project Manager** managing field crews and technicians for **Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparation, and preliminary and final right-of-way mapping** in support of bridge replacements. |
| **09/22 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Assistant Project Manager** assisting in the management of field crews and technicians for **Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparations, and preliminary and final right-of-way mapping** for 34 bridge and culvert replacements including surveying all sub-surface drainage structures as a sub-consultant to BKI. |
| **09/22 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Assistant Project Manager** assisting in the management of field crews and technicians for **Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparations, and preliminary and final right-of-way mapping** for 21 bridge and culvert replacements including surveying all sub-surface drainage structures as a sub-consultant to Waggoner. |
| **09/22 – 11/24** | **CenterPoint Surveying Services, Various Parishes, LA (Various Agency Proj. Nos.) Assistant Project Manager** assisting in the management of field crews and technicians for **topographic surveys, property surveying services, surveys in support of SUE, title research, title take-offs, boundary and right-of-way calculations**, and reviews of CADD drawings and plats for maintenance and construction projects. |
| **09/22 – 11/24**<br>**03/18 – 02/21** | **Apache Corporation, Infrastructure Improvements, Permian Basin, Reeves Counties, TX (Agency Proj. Nos. Unknown) Project Manager** managing **property surveying services and right-of-way acquisition mapping** for approximately 84 miles of infrastructure improvements. Patrick has prepared approximately 131 **property acquisition plats** for this project. |
| **09/22 – 11/24**<br>**03/18 – 02/21** | **Targa Pipeline, Natural Gas Gathering System, Howard and Martin Counties, TX (Agency Proj. Nos. Unknown) Quality Control Surveyor** reviewing drafting and **property acquisition plats** as well as assisting with management of **property surveying services.** Patrick has prepared approximately 250 **property acquisition plats** for this project. |
| **03/21 – 08/22** | **MOVEBR Jefferson Hwy. at Bluebonnet Intersection Improvements, LA (City Parish No. 20-CP-HC-0046) Project Manager** managed field crews and technicians for **topographic surveys, property surveys, and right-of-way mapping.** |
| **03/20 – 02/21** | **UPRR Big Sandy Siding Survey, Upshur and Wood Counties, TX (29543/90502) Assistant Project Manager** performed **property surveying services** for 15 parcels along railroad consisting of approximately 3.24 miles of track to establish the existing railroad **right-of-way.** Prepared 8 |

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| | ALTA Surveys along with the privately owned **parcels for acquisition**, 0.25 acre **acquisition parcel in the right-of-way, and an overall right-of-way strip map.** |
| **09/19 – 02/20** | **DCP Midstream, MaBee Ranch Line Locates, Martin and Andrews Counties, TX (19-056-001) Project Manager** managed **property surveying services** in support of **property acquisition services** for 32 individual pipelines totaling approximately 22 miles. |
| **03/18 – 10/18** | **Rogillio Resubdivision, East Baton Rouge & East Feliciana Parishes, LA (Agency Proj. No. Unknown) Assistant Project Manager** performed **title take-offs, boundary, and right-of-way calculations**, and reviewing CADD drawings and plats for resubdivision services for 93 acres. |
| **04/17 – 03/18** | **LaDOTD LA 653 Bayou Dumar Bridge Replacement, Lafourche Parish, LA (H.008118)** Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed **property surveys, prepared title work info, and right-of-way maps** for a +/-0.5 mile project. |
| **01/17 – 03/18** | **LaDOTD LA 450 Stoney Point Bridge Replacement, Washington Parish, LA (Proj. No. Unknown)** Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed **property surveys and prepared title work info and right-of-way maps** for a +/-0.25 mile project. |
| **09/17 – 01/18** | **LaDOTD LA 1026: Roundabout at Buddy Ellis Rd., Livingston Parish, LA (H.011824)** Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed **property surveys, prepared title work info, and right-of-way maps** for a +/-0.3 mile project. |
| **10/17 – 12/17** | **LaDOTD US 190B Jefferson Ave. Roundabout Covington, St. Tammany Parish, LA (H.011260)** Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed **property surveys, prepared title work info, and right-of-way maps** for a +/-0.1 mile project. |
| **06/17 – 10/17** | **LaDOTD LA 22: Near I-10 Geometric Improvements, Ascension Parish, LA (H.011314)** Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed **property surveys, prepared title work info, and right-of-way maps** for a +/-0.75 mile project. |
| **05/17 – 09/17** | **LaDOTD LA 59: Roundabout @ Lonesome Rd., Tangipahoa Parish, LA (H.011030)** Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed **property surveys, prepared title work info, and right-of-way maps** for a +/-0.5 mile project. |
| **03/16 – 08/17** | **LaDOTD LA 59: Curve Realign and Tunnel at Trace, St. Tammany Parish, LA (H.010184)** Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed **property surveys, prepared title work info, and right-of-way maps** for a +/-0.75 mile project. |
| **03/17 – 07/17** | **LaDOTD LA 1042: Bridges Near Greensburg, St. Helena Parish, LA (H.008312)** Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed **property surveys, prepared title work info, and right-of-way maps** for a +/- 2 mile project. |
| **03/16 – 02/17** | **LaDOTD LA 22 Roundabout @ Dunson Rd., Tangipahoa Parish, LA (Proj. No. Unknown)** Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed **property surveys, prepared title work info, and right-of-way maps** for a +/-0.25 mile project. |
| **03/16 – 01/17** | **LaDOTD LA 1024 Near Friendship, Livingston Parish, LA (Proj. No. Unknown)** Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed **property surveys, prepared title work info, and right-of-way maps** for a +/-0.5 mile project. |
| **03/16 – 06/16** | **LaDOTD LA 44 Intersections, Ascension Parish, LA (Proj. No. Unknown)** Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed **property surveys, prepared title work info, and right-of-way maps** for a +/-0.5 mile project. |

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| Firm employed by | **NTB Associates, Inc.** | | | |
| Name | **Mike J. King** | | Years of relevant experience with this employer | **18** |
| Title | **Vice President** | | Years of relevant experience with other employer(s) | 2 |
| Degree(s) / Years / Specialization | | | **B.S. / 2012 / Construction Management, Louisiana State University** | |
| Active registration number / state / expiration date | | | **5127 / Louisiana / 09/30/2025** | |
| Year registered | **2015** | Discipline | **Professional Surveyor** | |
| Contract role(s) / brief description of responsibilities | | | **Mr. Mike King, PLS** will serve as **NTBA Assistant Project Manager** for **topographic surveying services** during this contract. He will assist in the management of staff and ensure quality standards and specifications are met. | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **12/17 – 11/24** | **LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (44-12323, 44-17713, 44-14660 - Multiple TOs) Assistant Project Manager** assisted in the management of field crews and technicians for **topographic surveys, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating** for approximately 13 miles of roadway. **NTBA** is currently performing **topographic surveys** near the I-10 and I-110 interchange for three additional areas. |
| **01/23 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Assistant Project Manager** assisting in the management of field crews and technicians for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination** services for the design-build project to replace the Jimmy Davis Bridge across the Red River. |
| **08/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Assistant Project Manager** assisting in the management of field crews and technicians for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 34 bridge and culvert replacements as a sub-consultant to BKI. |
| **04/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Assistant Project Manager** assisting in the management of field crews and technicians for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 21 bridge and culvert replacements as a sub-consultant to Waggoner. |
| **08/22 – 11/24** | **CenterPoint Surveying Services, Various Parishes, LA (Various Agency Proj. Nos.) Quality Control Surveyor** assisting in staffing, coordination, and QA/QC for **topographic surveys, property surveys, surveys in support of SUE, title takeoffs, boundary and right-of-way calculations, CADD drawings, and plats** for maintenance and construction projects. |
| **04/22 – 04/23** | **LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Assistant Project Manager** assisted in the management of field crews and technicians for **Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation,** and Mobile Laser Scanning for interstate rehabilitation. |
| **03/21 – 03/22** | **City-Parish Ward Creek at Siegen Lane, East Baton Rouge Parish, LA (22-DR-US-0013) Quality Control Surveyor** reviewed and processed data for **control, topographic, and property surveys along with surveys in support of QL B, C, and D subsurface utility designating services.** |
| **05/15 – 12/20** | **City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Quality Control Surveyor** reviewed data and drafting for **Static GPS Control surveys, topographic, property,** and hydrographic surveying services, and **QL A, B, C, and D subsurface utility designation/locating** for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge. |
| **07/16 – 03/17** | **LaDOTD Bayou Fountain, Route LA 327 Spur (Gardere Lane) East Baton Rouge Parish, LA (4400006527 & H.002337.5) Assistant Project Manager** assisted in the management of survey crews and technicians for **topographic surveys utilizing HDS 3D** |

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| | **Terrestrial Laser Scanning methods of data collection, surveys in support of QL B, C, and D subsurface utility designating, and drainage map preparation** for roadway rehabilitation. |
| **04/15 – 02/16** | **LaDOTD I-20 (Airline Drive to I-220) Bossier Parish, LA (4400005532 & H.011319.5) Quality Control Surveyor** reviewed data and drafting for **topographic surveying services** for interstate rehabilitation. |
| **10/15 – 12/15** | **LaDOTD Caddo Lake Bridge, Route LA 1 Caddo Parish, LA (H.01166.5) Quality Control Surveyor** reviewed data and drafting for **topographic surveys** performed along a portion of the existing route of LA Hwy. 1 for a proposed bridge replacement at the intersection of Caddo Lake and LA Hwy. 1 in Caddo Parish east of Mooringsport. |
| **05/13 – 10/15** | **Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Proj. No. Unknown) Sr. Party Chief/ Technician** ran a field crew and downloaded data for **topographic surveys, property surveys, final right-of-way mapping, and drainage map preparation** for the use in engineering plan and specifications. |
| **04/15 – 09/15** | **LaDOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 & H.011094.5) Quality Control Surveyor** reviewed data and drafting for **topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, drainage map preparation, and surveys in support of QL B subsurface utility designating** for bridge rehabilitation. |
| **07/12 – 01/14** | **LaDOTD I-10 Loyola Ave. to Williams Blvd., Jefferson Parish, LA (H.003074.5 & H.009087.5) Sr. Survey Party Chief/Tech.** managed a survey crew and processed data for **topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection** for interstate rehabilitation as a sub-consultant to GEC, Inc. |
| **07/10 – 10/12** | **LaDOTD LA 42 Widening and Improvements, District 61, Ascension Parish, LA (700-03-0125 & 701-65-1538) Survey Party Chief/ Technician** ran a field crew and processed data for **topographic and property surveys in support of base and final right-of-way mapping, and title work.** |
| **05/11 – 11/11** | **LaDOTD Goose Bayou Bridge Replacement, Route LA 45, Jefferson Parish, LA (4400000681 & H.002230) Survey Party Chief/ Technician** ran a field crew and processed data for **property surveys in support of base and final right-of-way map preparation.** |
| **02/11 – 08/11** | **LaDOTD I-20 Rehabilitation Westerfield Avenue to Industrial Drive, District 04, Bossier Parish, LA (H.003860.5 & 700-99-0525) Survey Party Chief/Tech.** managed a survey crew and processed data for **topographic surveying services** for interstate rehabilitation. |
| **01/09 – 11/10** | **LaDOTD MacArthur Avenue Interchange Completion (Phase I) Route US 90, Jefferson Parish, LA (701-65-0997 & 283-09-0114) Survey Party Chief/ Technician** ran a field crew and processed data for **property surveying services in support of right-of-way acquisition map preparation.** |
| **09/09 – 03/10** | **LaDOTD Lawrence, Bogalusa, and Coburn Creek Bridges, Route LA 10, Washington Parish, LA (700-99-0484 & 701-65-1347) Survey Party Chief/ Technician** ran a field crew and processed data for **topographic and property surveys in support of title work, title updates, title take-offs, and right-of-way map preparation**. |
| **11/07 – 06/09** | **LaDOTD US 371 Desoto Line to LA 1/US 84/Route US 371, Red River Parish, LA (700-99-0328, 701-65-0879, & 4400000666) Survey Crew Chief/ Technician** ran a field crew and processed data for **property surveying services in support of right-of-way maps and title take-offs for 19 parcels** for a new route 3.73 miles in length. |
| **02/07 – 02/09** | **Brightside Lane Improvements – River Road (LA 327) to Nicholson Drive (LA 30) Baton Rouge, LA (EBR Proj. No. 25041.00) Survey Crew Member/ Technician** ran a field crew and processed data for **topographic and property surveying services in support of the preparation of right-of-way maps** as a sub consultant to URS Corporation. |
| **11/06 – 02/09** | **LaDOTD "TIMED" Kinder –Oberlin Route US 165, Allen Parish, LA (014-03-0022) Survey Crew Chief/ Technician** ran a field crew and processed data for **horizontal and vertical control** for 8.58-miles of US 165. Survey services included installation of **right-of-way monuments** and witness posts. Mike trained on preparation of **right-of-way monumentation sheets** that were filed with Allen & Rapides courthouses. He was trained in methods to calculate coordinate geometry for **right-of-way breaks.** |

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| Firm employed by | **NTB Associates, Inc.** | | | | |
| Name | **Chris A. Harlan, Jr.** | | Years of relevant experience with this employer | **>1** | |
| Title | **Staff Surveyor/ Engineer Intern** | | Years of relevant experience with other employer(s) | 18 | |
| Degree(s) / Years / Specialization | | | **BS / 2021 / Civil Engineering, Louisiana State University** | | |
| Active registration number / state / expiration date | | | **5281 / Louisiana / 03/31/2025 – 21953 / Louisiana / 09/30/25** | | |
| Year registered | **2022 / 2005** | Discipline | **Professional Surveyor / Engineer Intern** | | |
| Contract role(s) / brief description of responsibilities | | | **Mr. Chris Harland** will serve as **NTBA Quality Control Surveyor** for **surveying services and SUE support** during this contract. He will assist in the review of survey data, processing, utility coordination, and deliverable preparation. | | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **04/24 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Quality Control Surveyor/ Engineering Intern** providing support as needed alongside Project Managers for **Static GPS control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping**, **QL A, B, C, & D utility designating/locating, and utility coordination services** for the design-build project to replace the Jimmy Davis Bridge across the Red River. |
| **04/24 – 11/24** | **Southline Power Transmission Line, Surveying & Engineering Services, AZ & NM (Agency Proj. No. Unknown) Quality Control Surveyor/ Engineering Intern** providing support as needed alongside Project Managers for **topographic, boundary, and right-of-way surveying services, subsurface utility engineering, GIS services, and platting/mapping/permitting** for transmission line and access roads. |
| **04/24 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Quality Control Surveyor/ Engineering Intern** providing support as needed alongside Project Managers for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 34 bridge and culvert replacements as a sub-consultant to BKI. |
| **04/24 – 04/24** | **CenterPoint Surveying Services, Various Parishes, LA (Various Agency Proj. Nos.) Quality Control Surveyor** provided support as needed alongside Project Managers for **topographic surveys, property surveys, surveys in support of SUE, title takeoffs, boundary and right-of-way calculations, CADD drawings, and plats** for maintenance and construction projects. |
| **01/23 – 03/23** | **Calcasieu Parish Police Jury, CPPJ Consolidation**, **Calcasieu Parish, LA (Agency Proj. No. Unknown) Project Surveyor** responsible for survey coordination, determining property boundaries, preparing the required servitude plats, and QA/QC for **topographic and boundary surveying services** along the roadway of a proposed route for the consolidation of multiple water districts into one waterworks district. |
| **01/23 – 03/23** | **Opelousas Street Survey, Calcasieu Parish, LA (Agency Proj. No. Unknown) Project Surveyor** responsible for survey coordination, assisting with **LA One Call coordination**, data processing, and QA/QC of deliverables for all **topographic and boundary surveying services** in support of the design and installation of a new waterline connecting two water districts. |
| **12/22 – 02/23** | **Comcast ALTA Surveying Services, Caddo Parish, LA (Agency Proj. No. Unknown) Project Surveyor** responsible for survey coordination for **topographic and boundary surveying services including coordinating with LA One Call**, processing data, drafting plat and legal descriptions, and preparing FEMA Flood certificate for a property transfer in Shreveport, LA. |
| **11/22 – 12/22** | **Grogan Street Water Tower Survey, Calcasieu Parish, LA (Agency Proj. No. Unknown) Project Surveyor** responsible for survey coordination for **topographic and boundary surveying services** of a water tower including courthouse research to locate the current conveyance records, determining the apparent boundary lines based on the records, and recovering data in the field, and drafting plats. |
| **10/22 – 12/22** | **Calcasieu Parish Police Jury, Amoco Road Bridge, Calcasieu Parish, LA (Agency Proj. No. Unknown) Project Surveyor/ Engineering Intern** providing support as needed for pre and post construction **surveying services including right-of-way, utility relocations,** driveway relocations, **control surveys**, elevation checks for new drainage structures, bridge element checks, verification of as-built pile cutoff elevations, and staking of **right-of-way/easements.** |

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| Firm employed by | **NTB Associates, Inc.** | | | | |
| Name | **Grant H. Gilleon** | | Years of relevant experience with this employer | **16** | |
| Title | **Vice President** | | Years of relevant experience with other employer(s) | 20 | |
| Degree(s) / Years / Specialization | | | **B.S. / 1987 / Construction Engineering Technology, University of Southern Mississippi** | | |
| Active registration number / state / expiration date | | | **4976 / Louisiana / 03/31/2026** | | |
| Year registered | **2007** | Discipline | **Professional Surveyor** | | |
| Contract role(s) / brief description of responsibilities | | | **Mr. Grant Gilleon, PLS** will serve as **NTBA Quality Control Surveyor** for **surveying services** during this contract. He will assist in the review of survey data and staffing logistics. | | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **01/23 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Quality Control Surveyor** assisting in staffing and coordination for **Static GPS control surveys, topographic surveys, property surveys, title take-offs, description preparations, and preliminary and final right-of-way mapping** for the design-build project to replace the Jimmy Davis Bridge across the Red River as a sub-consultant to James Construction. |
| **08/22 – 11/24** | **CenterPoint Surveying Services, Various Parishes, LA (Various Agency Proj. Nos.) Project Manager** directing field crews and technicians for **topographic surveys, property surveys, surveys in support of SUE, title takeoffs, boundary and right-of-way calculations, CADD drawings, and plats** for maintenance and construction projects. |
| **04/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Quality Control Surveyor** assisting in staffing and coordination for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 21 bridge and culvert replacements as a sub-consultant to Waggoner. |
| **08/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Quality Control Surveyor** assisting in staffing and coordination for **Static GPS Control surveys**, **topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 34 bridge and culvert replacements as a sub-consultant to BKI. |
| **05/15 – 11/24** | **City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Project Manager** directing field crews, file processing, drafting, and submittals for **Static GPS Control, topographic, property,** and hydrographic surveying services, and **QL A, B, C, and D subsurface utility designation/locating** for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge. Currently, in the construction management support phase and addressing RFI's as needed. |
| **09/14 – 11/24** | **USDA/NRCS Property Surveying Services, LA (AG-7217-C-14-0010, AG-2B46-S-16-0004, & 12FPC319D0016) Project Manager** directing field crews, file processing, drafting, and submittals for **property surveying services and map/plat preparation** for over 9,000 acres. |
| **04/22 – 04/23** | **LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Quality Control Surveyor** reviewing data and deliverables for **Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation**, and Mobile Laser Scanning for interstate rehabilitation. |
| **05/21 – 12/21** | **Bossier Parish Police Jury, Linton Road Cutoff Intersection Redesign, Bossier Parish, LA (BPPJ 2021-126) Project Manager** directed field crews for **control surveys, topographic surveys, and property surveys** in support of an evaluation to improve the intersection and produce a preliminary layout for a new intersection design. |
| **11/15 – 05/17** | **Bossier Parish Police Jury, Winfield Road Extension, East/West (LA 3 to Airline Highway) Bossier Parish, LA (DEC 15-11-03) Project Manager** directed field crews, file processing, drafting, and submittals for **control surveys, topographic surveys, property surveys, right-of-way mapping, QL D subsurface utility services, and drainage map preparation** as a sub to Denmon (Volkert). |

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| **04/15 – 02/16** | **LaDOTD I-20 (Airline Drive to I-220) Route I-20, Bossier Parish, LA (4400005532 & H.011319.5) Project Manager** directed field crews, file processing, drafting, and submittals for **topographic surveying services and surveys in support of QL B, C, and D subsurface utility designating** for interstate rehabilitation. |
| **10/15 – 12/15** | **LaDOTD Caddo Lake Bridge, Route LA 1 Caddo Parish, LA (H.01166.5) Project Manager** directed field crews, file processing, drafting, and submittals for **topographic surveys** performed along a portion of the existing route of LA Hwy. 1 for a proposed bridge replacement at the intersection of Caddo Lake and LA Hwy. 1 in Caddo Parish east of Mooringsport. |
| **05/13 – 10/15** | **Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Agency Proj. No. Unknown) Project Manager** directed field crews, file processing, drafting, and submittals for **topographic surveys, property surveys, final right-of-way mapping**, and **drainage map preparation** for the use in engineering plan and specifications. |
| **04/15 – 09/15** | **LaDOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 & H.011094.5) Project Manager** directed field crews, file processing, drafting, and submittals for **topographic surveying services, HDS 3D Terrestrial Laser Scanning, drainage map preparation, and surveys in support of QL B subsurface utility designating** for bridge rehabilitation. |
| **03/08 – 05/15** | **Bossier Parish Police Jury, Hamilton Road Improvements (I-20 to Benton Road) Bossier Parish, LA (H.003849 & 700-08-0123) Project Manager** directed field crews, file processing, drafting, and submittals for **topographic surveys, property surveys, and final right-of-way mapping** for roadway rehabilitation. |
| **12/12 – 12/12** | **LaDOTD I-49 Survey Subsurface Utilities, Caddo Parish, LA (H.00388.5) Project Manager** directed field crews, file processing, drafting, and submittals for **topographic surveying services and surveys in support of QL A subsurface utility locating** for interstate rehabilitation. |
| **01/11 – 08/12** | **LaDOTD Local Road Safety Program, Sight Distance Improvements for Grigsby Road at Ranger Road, Jackson Parish, LA (737-25-0003-A & H.006511) Project Manager** directed **horizontal and vertical control, topographic and property surveys, title take-offs for 7 ownerships, and right-of-way mapping** for 3,700 linear feet of Grigsby Road and 500 linear feet of Ranger Road in connection with sight distance improvements. |
| **03/08 – 07/12** | **Bossier Parish Police Jury, Bellevue Road Improvements (US 80 to Winfield Road) Bossier Parish, LA (BPPJ 2010-277) Quality Control Surveyor** assisted in staffing, coordination, and QA/QC for **topographic surveys, property surveys, and right-of-way mapping including preliminary/ final plans** for the widening and possible realignment of Bellevue Road. |
| **03/08 – 10/11** | **LaDOTD Black Lake Creek Bridge US 80 Bienville, Bossier, and Webster Parishes, LA (700-07-0108) Quality Control Surveyor** provided checks and quality control for **property surveys and right-of-way mapping.** |
| **08/10 – 04/11** | **Bossier Parish Police Jury, Poole Road Bridge Over Flat River, Bossier Parish, LA (Agency Proj. No. Unknown) Quality Control Surveyor** assisted in staffing, coordination, and QA/QC for **topographic surveys, boundary mapping**, and engineering design for the spot replacement of a 15-span timber bridge over the Flat River in rural Bossier Parish. |
| **03/08 – 06/09** | **LaDOTD US 371 Desoto Line to LA 1/US 84/Route US 371, Red River Parish, LA (700-99-0328, 701-65-0879, & 4400000666) Quality Control Surveyor** provided checks and quality control for **property surveys, title take-offs, and base and final right-of-way maps.** |

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| Firm employed by | **NTB Associates, Inc.** | | | |
| Name | **Amy K. Schulze** | | Years of relevant experience with this employer | **6.5** |
| Title | **Project Engineer** | | Years of relevant experience with other employer(s) | 20 |
| Degree(s) / Years / Specialization | | | **BS / 1998 / Civil Engineering, Ohio Northern University/ CFM National Certification: US-16-08839 / Electro-Magnetic Locating Instruments Certified / Certificate of Locating Competency #WA2028 (Staking University)** | |
| Active registration number / state / expiration date | | | **30295 / Louisiana / 03/31/2025** | |
| Year registered | **2002** | Discipline | **Professional Engineer** | |
| Contract role(s) / brief description of responsibilities | | | **Mrs. Amy Schulze, PE, CFM** will serve as **NTBA SUE Project Engineer/ Manager** during this contract. She will supervise and manage any required **subsurface utility engineering services.** | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **01/22 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) SUE Project Manager** for **surveys in support of SUE, QL A, B, C, & D utility designating/locating, and utility coordination services** for the design-build project to replace the Jimmy Davis Bridge across the Red River. |
| **04/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) SUE Project Manager** for **QL C & D subsurface utility services** for 21 bridge and culvert replacements as a sub-consultant to Sigma/ Waggoner. |
| **08/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) SUE Project Manager** for **QL C & D subsurface utility services** for 34 bridge and culvert replacements as a sub-consultant to BKI. |
| **08/22 – 11/24** | **CenterPoint Energy SUE Services, LA (CP 104334113, 101783539, 104364770) SUE Project Manager** for **QL B subsurface utility designating and surveys in support of QL B subsurface utility designating** in Shreveport, DeRidder, and Sulphur, Louisiana as a CenterPoint representative. |
| **02/21 – 02/24** | **LaDOTD IDIQ Contract for SUE Services (Task Orders 1-5) East Baton Rouge Parish, LA (4400014660) SUE Project Manager** directed all **subsurface utility engineering services** for five Task Orders for several additional areas around the I-10 corridor in conjunction with the on-going design-build contract. |
| **11/23 – 11/24** | **UPRR Englewood Yard, Phase III, Houston, TX (UPRR 470000845) SUE Project Manager** for **QL A, B, C, and D subsurface utility designating and locating** throughout approximately 1.0 mile of the UPRR ROW in urban area of Houston, TX. |
| **06/22 – 04/23** | **LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) SUE Project Manager** for **QL C & D subsurface utility services** for interstate rehabilitation. |
| **02/20 – 05/22** | **City of Baton Rouge/East Baton Rouge Parish, MOVEBR Bluebonnet Blvd. (Perkins – Picardy) East Baton Rouge Parish, LA (19-CP-HC-0034) SUE Project Manager** for **QL A, B, C, and D subsurface utility designating/locating** throughout the approximately 1.5 miles of the project corridor. |
| **03/21 – 03/22** | **City-Parish Ward Creek at Siegen Lane, East Baton Rouge Parish, LA (22-DR-US-0013) SUE Project Manager** for **QL B, C, and D subsurface utility designating** for approximately 1,500 feet of Ward Creek. |
| **07/21 – 12/21** | **Bossier Parish Police Jury, Linton Road Cutoff Intersection Redesign, Bossier Parish, LA (BPPJ 2021-126) Project Engineer** evaluated options to improve the intersection including **QL C subsurface utility services** to produce a preliminary layout for a new intersection design. |
| **08/21 – 08/21** | **LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) SUE Project Manager** for **QL C & D subsurface utility services** for bridge repair/rehabilitation. |

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| **12/20 – 03/21** | **LaDOTD LA 6: Youngs Bayou Bridge Rehab, Natchitoches Parish, LA (4400017713 & H.013821.5) SUE Project Manager** assisted in the review of **survey and utility data for topographic surveying services** for bridge rehabilitation. |
| **01/19 – 01/21** | **ABG Caulking and Waterproofing, Lot Y & Lot 1 Site Plan, East Baton Rouge Parish, LA (Agency Proj. No. Unknown) SUE Project Manager** for **QL C and D subsurface utility services** and civil site design as development of a 2.2 acre site for construction of a new office/warehouse facility. |
| **04/18 – 12/20** | **City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) SUE Project Manager** for **QL A, B, C, and D subsurface utility designating/locating services in support of surveys and right-of-way mapping** for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge. |
| **04/18 – 07/20** | **LaDOTD I-10: LA 415 to Essen Lane, West & East Baton Rouge Parishes, LA (H.004100.5) SUE Project Manager for QL B, C, and D subsurface utility designating as well as for surveys in support of QL B, C, and D subsurface utility designating** for approximately 13 miles of roadway. |
| **09/19 – 02/20** | **DCP Midstream, MaBee Ranch Line Locates, Martin and Andrews Counties, TX (19-056-001) SUE Project Manager** assisted with **QL A, B, C, and D subsurface utility designating/locating** for locating 32 individual pipelines totaling approximately 22 miles in support of property acquisition services. |
| **07/19 – 02/20** | **LaDOTD I-10: Loyola Interchange, Kenner, Jefferson Parish, LA (H.011670) SUE Project Manager** for **QL B, C, and D subsurface utility designating services and surveys in support of QL B, C, and D subsurface utility designating** for approximately 5 miles. |
| **12/18 – 01/20** | **LaDOTD LA 951: Roadway Washout Repairs, East Feliciana Parish, LA (H.013643) SUE Project Manager** for **QL A, B, C, and D subsurface utility designating/locating and surveys in support of QL A, B, C, and D subsurface utility designating/locating** for approximately 2,600 feet of roadway. |
| **12/18 – 03/19** | **City of New Orleans, West End Subdivision, Phase B125, New Orleans, LA (Agency Proj. No. Unknown) SUE Project Manager** for **QL B, C, and D subsurface utility designating along with surveys in support of QL B, C, and D subsurface utility designating** for preliminary and final design services for FEMA-eligible street repairs. |
| **06/18 – 10/18** | **LaDOTD I-10: Williams Blvd. to Veterans Blvd., Jefferson Parish, LA (H.003074.5 & H.009087.5) SUE Project Manager** for **QL B, C, and D subsurface utility designating and surveys in support of QL A, B, C, and D subsurface utility designating/locating** for approximately 2 miles. |
| **09/15 – 04/18** | **City of Zachary, Zachary, LA (Agency Proj. No. Unknown) City Planner/Floodplain Manager** provided **QL C and D subsurface utility services** for various development projects within the city limits. **Coordinated utility relocation services.** |
| **08/04 – 08/15** | **City of Baton Rouge/Parish of East Baton Rouge, Baton Rouge, LA (Agency Proj. No. Unknown) Chief of Wastewater Operations and Maintenance** provided **QL C and D subsurface utility services** in conjunction with several Sanitary Sewer Overflow (SSO) projects. Coordinated **QL B services** when necessary. **Coordinated utility relocation services and prepared utility relocation agreements.** |
| **10/02 – 06/04** | **Baton Rouge Metropolitan Airport North Perimeter Road Project, Baton Rouge, LA (Agency Proj. No. Unknown) Project Engineer** provided **QL C and D subsurface utility services** within the airport perimeter fence in conjunction with the design of a new roadway inside the north perimeter fence of the airfield. |
| **10/02 – 04/04** | **LaDOTD Off-System Bridge Project, Rapides Parish, LA (Agency Proj. No. Unknown) Project Engineer** provided **QL C and D subsurface utility services** in conjunction with the design of seven bridge locations. **Coordinated utility relocation services.** |
| **10/00 – 09/02** | **LaDOTD LA 165 Utility Relocation, Grayson to Columbia, LA (Agency Proj. No. Unknown) Project Engineer** provided **utility relocation services** including the preparation of relocation plans and agreements with the various utility companies. |

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| Firm employed by | **NTB Associates, Inc.** | | | |
| Name | **T.J. Sitton** | | Years of relevant experience with this employer | **14** |
| Title | **Technician** | | Years of relevant experience with other employer(s) | 3 |
| Degree(s) / Years / Specialization | | | **A.S. / 2005 / Drafting and Design Technology, Louisiana Technical College / Leica's LIDAR Scanning Courses and Cyclone Software Courses, 2013** | |
| Active registration number / state / expiration date | | | **N/A** | |
| Year registered | **N/A** | Discipline | **N/A** | |
| Contract role(s) / brief description of responsibilities | | | **Ms. T.J. Sitton** will serve as **NTBA Technician** during this contract. She will process data for **topographic surveys, property surveys, and surveys in support of SUE, and draft base and final right-of-way maps.** T.J. has been trained in Bentley InRoads, AutoCAD, and MicroStation Software to produce maps. | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **12/17 – 11/24** | **LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (44-12323, 44-17713, 44-14660 - Multiple TOs) Technician** processing data, performing calculations, and drafting files for **topographic surveys, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating** for approximately 13 miles of roadway. **NTBA** is currently performing **topographic surveys** near the I-10 and I-110 interchange for three additional areas. |
| **01/23 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Technician** processing data, performing calculations, and drafting files for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services.** |
| **08/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Technician** processing data, performing calculations, and drafting files for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services.** |
| **08/22 – 11/24** | **CenterPoint Surveying Services, Various Parishes, LA (Various Agency Proj. Nos.) Technician** processing data, performing **boundary and right-of-way** calculations, and drafting files for **property surveys, topographic surveys, and surveys in support of SUE** for maintenance and construction projects. |
| **04/22 – 04/23** | **LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Technician** processed field data and drafting files for **Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation**, and Mobile Laser Scanning for interstate rehabilitation. |
| **05/15 – 12/20** | **City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Technician** processed data, performed calculations, and drafted files for **topographic and property surveys along with surveys in support of QL B, C, and D subsurface utility designating** for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge. |
| **07/16 – 03/17** | **LaDOTD Bayou Fountain, Route LA 327 Spur (Gardere Lane) East Baton Rouge Parish, LA (4400006527 & H.002337.5) Technician** processed data and drafted files for **topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, surveys in support of QL B, C, and D subsurface utility designating, and drainage map preparation.** |
| **05/13 – 10/15** | **Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Agency Proj. No. Unknown) Technician** processed data, performed calculations, and drafted files for **topographic surveys, property surveys, final right-of-way mapping, and drainage map preparation** for the use in engineering plan and specifications. |
| **07/10 – 10/12** | **LaDOTD LA 42 Widening and Improvements, District 61, Ascension Parish, LA (700-03-0125 & 701-65-1538) Technician** processed data, performed calculations, and drafted files for **topographic and property surveys and right-of-way acquisition maps for 165 parcels.** |

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| Firm employed by | **NTB Associates, Inc.** | | | |
| Name | **Adam King** | | Years of relevant experience with this employer | **13** |
| Title | **CADD Drafter** | | Years of relevant experience with other employer(s) | 0 |
| Degree(s) / Years / Specialization | | | **High School Diploma, 2009** | |
| Active registration number / state / expiration date | | | **N/A** | |
| Year registered | **N/A** | Discipline | **N/A** | |
| Contract role(s) / brief description of responsibilities | | | **Mr. Adam King** will serve as **NTBA CADD Drafter** during this contract. He will process field data for **topographic and property surveys, perform calculations, draft base and final right-of-way mapping**. Adam has been trained in Bentley InRoads, AutoCAD, and MicroStation Software to produce maps. | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **12/17 – 11/24** | **LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (44-12323, 44-17713, 44-14660 - Multiple TOs) CADD Drafter** processing data, performing calculations, and drafting files for **topographic surveys, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating** for approximately 13 miles of roadway. **NTBA** is currently performing **topographic surveys** near the I-10 and I-110 interchange for three additional areas. |
| **01/23 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) CADD Drafter** processing data, performing calculations, and drafting files for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services** for the design-build project to replace the Jimmy Davis Bridge across the Red River. |
| **08/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) CADD Drafter** processing data, performing calculations, and drafting files for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 34 bridge and culvert replacements as a sub to BKI. |
| **04/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) CADD Drafter** processing data, performing calculations, and drafting files for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 21 bridge and culvert replacements as a sub to Waggoner. |
| **08/23 – 11/24** | **LaDOTD IIJA Off-System Bridge Program, District 62 (4400025041) CADD Drafter** processing data, performing calculations, and drafting files for **Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparation, and preliminary and final right-of-way mapping** in support of bridge replacements. |
| **09/22 – 11/24** | **CenterPoint Surveying Services, Various Parishes, LA (Various Agency Proj. Nos.) CADD Drafter** processing data, performing calculations, and drafting files for **topographic surveys, property surveys, surveys in support of SUE, title take-offs, and right-of-way mapping** for maintenance and construction projects. |
| **04/22 – 04/23** | **LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) CADD Drafter** processed data, performed calculations, and drafted files for **Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation,** and Mobile Laser Scanning for interstate rehabilitation. |
| **07/16 – 12/20** | **City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Survey Party Chief** ran a field crew and download/ processed data for **topographic and property surveys along with surveys in support of QL B, C, and D subsurface utility designating** for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge. |

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| Firm employed by | **NTB Associates, Inc.** | | | |
| Name | **Iniko Jack** | | Years of relevant experience with this employer | **18** |
| Title | **Party Chief** | | Years of relevant experience with other employer(s) | 9 |
| Degree(s) / Years / Specialization | | | **High School Diploma, 1994 / Electro-Magnetic Locating Instruments Certified / ATSSA TCS** | |
| Active registration number / state / expiration date | | | **#P3642 (Staking University)** | |
| Year registered | **2018** | Discipline | **Certificate of Locating Competency/ Staking University** | |
| Contract role(s) / brief description of responsibilities | | | **Mr. Iniko Jack** will serve as **NTBA Technician** during this contract. He will process data, perform calculations, and draft files for **topographic surveys, property surveys, surveys in support of SUE, and base and final right-of-way maps**. Iniko has been trained in Bentley InRoads, AutoCAD, and MicroStation Software to produce maps. | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **12/17 – 11/24** | **LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (44-12323, 44-17713, 44-14660 - Multiple TOs) Technician** supervising field staff, processing data, performing calculations, and drafting files for **topographic surveys, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating** for approximately 13 miles of roadway. **NTBA** is currently performing **topographic surveys** near the I-10 and I-110 interchange for three additional areas. |
| **01/23 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Technician** supervising field staff, processing data, performing calculations, and drafting files for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, legal descriptions, and preliminary and final right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services** for the design-build project to replace the Jimmy Davis Bridge across the Red River. |
| **08/23 – 11/24** | **LaDOTD IIJA Off-System Bridge Program, District 62 (4400025041) Technician** supervising field staff, processing data, performing calculations, and drafting files for **Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal descriptions, and preliminary and final right-of-way mapping** in support of bridge replacements. |
| **08/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Field Operations Manager/ Technician** supervising field staff, processing data, performing calculations, and drafting files for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, legal descriptions, and preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 34 bridge and culvert replacements as a sub to BKI. |
| **04/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Field Operations Manager/ Technician** supervising field staff, processing data, performing calculations, and drafting files for **Static GPS Control surveys, topographic surveys, property surveys, title take-offs, legal descriptions, and preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 21 bridge and culvert replacements as a sub to Waggoner. |
| **09/22 – 11/24** | **CenterPoint Surveying Services, Various Parishes, LA (Various Agency Proj. Nos.) Field Operations Manager/ Technician** supervising field staff, processing data, performing calculations, and drafting files for **topographic surveys, property surveys, surveys in support of SUE, title take-offs, and right-of-way mapping** for maintenance and construction projects. |
| **04/22 – 04/23** | **LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Field Operations Manager/ Technician** supervised field staff, processed data, performed calculations, and drafted files for **topographic surveys and surveys in support of QL C & D subsurface utility services and drainage map preparation** for interstate rehabilitation. |

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| **03/21 – 03/22** | **City-Parish Ward Creek at Siegen Lane, East Baton Rouge Parish, LA (22-DR-US-0013) Field Operations Manager/ Technician** supervised field staff, processed data, and performed calculations for **control, topographic, and property surveys along with QL B, C, and D subsurface utility designating services** for approximately 1,500 feet of Ward Creek. |
| **05/15 – 12/20** | **City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Field Operations Manager/ Technician** supervised field staff, downloaded/ processed data, and performed calculations for **topographic and property surveys, QL A, B, C, and D subsurface utility designating/locating, and surveys in support of subsurface utility designating** for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge. |
| **04/20 – 10/20** | **Ligon Law Browning Estate Surveying Services, East Feliciana Parish, LA (45315) Field Operations Manager/ Technician** supervised field staff, downloaded/ processed data, and performed calculations for **property surveying services** in support of partition property determination services for three tracts covering 165 acres. |
| **01/20 – 03/21** | **UPRR Big Sandy Siding Survey, Upshur and Wood Counties, TX (29543/90502) Field Operations Manager** supervised field staff and downloaded/ processed data for **property surveying services** for 15 parcels along railroad consisting of approximately 3.24 miles of track to establish the existing railroad **right-of-way**. Prepared 8 ALTA Surveys along with the privately owned **parcels for acquisition**, 0.25-acre **acquisition parcel in the right-of-way, and an overall right-of-way strip map.** |
| **03/18 – 05/18** | **Rogillio Resubdivision, East Baton Rouge & East Feliciana Parishes, LA (Agency Proj. No. Unknown) Field Operations Manager** supervised field staff and downloaded/ processed data for **property surveying services and right-of-way acquisition maps** for resubdivision services covering 93 acres. |
| **04/15 – 09/15** | **LaDOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 & H.011094.5) Field Operations Manager** supervised field staff and downloaded/ processed data for **topographic surveying services, HDS 3D Terrestrial Laser Scanning, drainage map preparation, and QL B subsurface utility designating** for bridge rehabilitation. |
| **07/10 – 10/12** | **LaDOTD LA 42 Widening and Improvements District 61, Ascension Parish, LA (700-03-0125 & 701-65-1538) Field Operations Manager** supervised field staff and downloaded/ processed data for **topographic and property surveys** to locate all existing structures within 50 feet of proposed **right-of-way** in support of **right-of-way acquisition map preparation for 165 parcels.** |
| **05/11 – 11/11** | **LaDOTD Goose Bayou Bridge Replacement, Route LA 45, Jefferson Parish, LA (4400000681 & H.002230) Field Operations Manager** supervised field staff and downloaded/ processed data for **property surveying services in support of the preparation of base and final right-of-way mapping.** |
| **01/09 – 06/10** | **Perkins Road Improvements (Essen Lane to Siegen Lane) Route LA 427, East Baton Rouge Parish, LA (258-01-0030) Survey Party Chief** ran a field crew to set 97 **right-of-way monuments to produce monumentation maps** for filing as a sub consultant to James Construction Group. |

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| Firm employed by | **NTB Associates, Inc.** | | | |
| Name | **Will Wales** | | Years of relevant experience with this employer | **11** |
| Title | **Party Chief** | | Years of relevant experience with other employer(s) | 20 |
| Degree(s) / Years / Specialization | | | **High School Diploma, 1987 / ATSSA TCS** | |
| Active registration number / state / expiration date | | | **N/A** | |
| Year registered | **N/A** | Discipline | **N/A** | |
| Contract role(s) / brief description of responsibilities | | | **Mr. Will Wales** will serve as **NTBA Field Operations Manager/ Survey Party Chief** during this contract. He will supervise field operations, lead a field crew, and download data for **topographic surveys and property surveys in support of right-of way mapping.** | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **01/23 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Field Operations Manager/ Survey Party Chief** supervising field operations, running a field crew, and downloading data for **Static GPS Control surveys, topographic surveys, and property surveys in support title take-offs, legal description preparation, preliminary and final right-of-way mapping, and QL A, B, C, & D utility designating/locating** for the design-build project to replace the Jimmy Davis Bridge across the Red River. |
| **08/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Field Operations Manager/ Survey Party Chief** supervising field operations, running a field crew, and downloading data for **Static GPS Control surveys, topographic surveys, property surveys in support of title take-offs, legal description preparation, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 34 bridge and culvert replacements as a sub to BKI. |
| **04/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Field Operations Manager/ Survey Party Chief** supervising field operations, running a field crew, and downloading data for **Static GPS Control surveys, topographic surveys, property surveys in support of title take-offs, legal description preparation, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 21 bridge and culvert replacements as a sub to Waggoner. |
| **04/22 – 11/24** | **CenterPoint Surveying Services, Various Parishes, LA (Various Agency Proj. Nos.) Field Operations Manager/ Survey Party Chief** supervising field operations, running a field crew, and downloading data for **topographic surveys, property surveys, and surveys in support of SUE** for **title take-offs and right-of-way mapping** for maintenance and construction projects. |
| **04/22 – 04/23** | **LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Survey Party Chief** ran a field crew and downloaded data for **topographic surveys and surveys in support of QL C & D subsurface utility services and drainage map preparation** for interstate rehabilitation. |
| **03/21 – 03/22** | **City-Parish Ward Creek at Siegen Lane, East Baton Rouge Parish, LA (22-DR-US-0013) Survey Party Chief** ran a field crew and downloaded data for **control, topographic, and property surveys along with QL B, C, and D subsurface utility designating services** for approximately 1,500 feet of Ward Creek. |
| **01/20 – 03/21** | **UPRR Big Sandy Siding Survey, Upshur and Wood Counties, TX (29543/90502) Survey Party Chief** ran a field crew and downloaded data for **property surveying services** for 15 parcels along railroad consisting of approximately 3.24 miles of track to establish the existing railroad **right-of-way**. Prepared 8 ALTA Surveys along with the privately owned **parcels for acquisition**, 0.25 acre **acquisition parcel in the right-of-way, and an overall right-of-way strip map.** |
| **12/18 – 01/20** | **LaDOTD LA 951: Roadway Washout Repairs, East Feliciana Parish, LA (H.013643) Survey Party Chief** ran a field crew and downloaded data for **topographic surveys, surveys in support of QL A, B, C, and D subsurface utility designating/locating, and QL A, B, C, and D subsurface utility designating/locating** for road rehabilitation and bridge replacement. |
| **04/15 – 09/15** | **LaDOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 & H.011094.5) Survey Party Chief** ran a field crew and downloaded data for **topographic surveying services, HDS 3D Terrestrial Laser Scanning, and surveys in support of QL B subsurface utility designating and drainage map preparation** for bridge rehabilitation. |

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| Firm employed by | **NTB Associates, Inc.** | | | | |
| Name | **Belton Davis, Jr.** | | Years of relevant experience with this employer | **6** | |
| Title | **Party Chief** | | Years of relevant experience with other employer(s) | 2 | |
| Degree(s) / Years / Specialization | | | **U.T.A. Certified Professional Utility Locator / ATSSA TCT** | | |
| Active registration number / state / expiration date | | | **N/A** | | |
| Year registered | **N/A** | Discipline | **N/A** | | |
| Contract role(s) / brief description of responsibilities | | | **Mr. Belton Davis** will serve as **NTBA SUE/ Survey Party Chief** during this contract. He will lead a field crew and download data for **surveys in support of subsurface utility designating/locating and subsurface utility designating/locating.** | | |

| 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). |
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| **01/23 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) SUE/ Survey Party Chief** running a field crew and downloading data for **Static GPS Control surveys, topographic surveys, and property surveys in support of title take-offs, title research, preliminary and final right-of-way mapping, and QL A, B, C, & D utility designating/locating** for the design-build project to replace the Jimmy Davis Bridge across the Red River. |
| **08/22 – 11/24** | **CenterPoint Energy, SUE Services, LA (CP 104334113, 101783539, 104364770) SUE/ Survey Party Chief** running a field crew for **QL B subsurface utility designating and surveys in support of SUE** in Shreveport, DeRidder, and Sulphur, Louisiana as a CenterPoint representative. |
| **08/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) SUE/ Survey Party Chief** running a field crew for **control, topographic surveys, property surveys, and surveys in support of QL C & D subsurface utility designating** for 34 bridge and culvert replacements as a sub-consultant to BKI. |
| **02/21 – 02/24** | **LaDOTD IDIQ Contract for SUE Services, Route I-10, East Baton Rouge, LA (4400014660) SUE Party Chief** ran a field crew for **QL B subsurface utility designating** for several additional areas around the I-10 corridor in conjunction with the on-going design-build contract. |
| **04/22 – 04/23** | **LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) SUE/ Survey Party Chief** ran a field crew and downloaded data for **topographic surveys and surveys in support of QL C & D subsurface utility services and drainage map preparation** for interstate rehabilitation. |
| **03/22 – 05/22** | **City of Baton Rouge/East Baton Rouge Parish, MOVEBR Bluebonnet Blvd. (Perkins – Picardy) East Baton Rouge Parish, LA (19-CP-HC-0034) SUE/ Survey Instrument Man** performing on a field crew for **topographic surveys and QL A, B, C, and D utility designating/locating** throughout the approximately 1.5 miles of the project corridor. |
| **09/21 – 02/22** | **LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) SUE/ Survey Instrument Man** performing on a field crew for **topographic surveys and surveys in support of QL C & D subsurface utility designating** for bridge repair/rehabilitation. |
| **02/21 – 04/21** | **LaDOTD LA 3125 @ LA 3274 Roundabout, St. James Parish, LA (H.014416.5) SUE/ Survey Rodman** performing on a field crew for **topographic surveys and surveys in support of QL B, C, & D subsurface utility designating.** |
| **06/18 – 06/20** | **LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (H.004100.5) SUE/ Survey Party Chief** running a field crew for **topographic surveys, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating** for approximately 13 miles of roadway. |
| **07/19 – 02/20** | **LaDOTD I-10: Loyola Interchange, Kenner, Jefferson Parish, LA (H.011670) SUE/ Survey Rodman** performing on a field crew for **QL B, C, and D subsurface utility designating, topographic surveys, surveys in support of QL A, B, C, and D subsurface utility designating/ locating** for approximately 5 miles. |

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| Firm employed by | **NTB Associates, Inc.** | | | |
| Name | **Captayn Chapman** | | Years of relevant experience with this employer | **10** |
| Title | **Party Chief** | | Years of relevant experience with other employer(s) | 0 |
| Degree(s) / Years / Specialization | | | **High School Diploma, 2006 / U.T.A. Certified Professional Utility Locator / ATSSA TCS** | |
| Active registration number / state / expiration date | | | **N/A** | |
| Year registered | **N/A** | Discipline | **N/A** | |
| Contract role(s) / brief description of responsibilities | | | **Mr. Captayn Chapman** will serve as **NTBA SUE/ Survey Party Chief** during this contract. He will lead a field crew and download data for **surveys in support of subsurface utility designating/locating and subsurface utility designating/locating.** | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| **01/23 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) SUE/ Survey Party Chief** running a field crew and downloading data for **Static GPS Control surveys, topographic surveys, and property surveys in support of title take-offs, title research, preliminary and final right-of-way mapping, and QL A, B, C, & D utility designating/locating** for the design-build project to replace the Jimmy Davis Bridge across the Red River. |
| **08/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) SUE/ Survey Party Chief** running a field crew and downloading data for **Static GPS Control surveys, topographic surveys, and property surveys in support of title take-offs, legal description preparation, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 34 bridge and culvert replacements as a sub to BKI. |
| **04/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) SUE/ Survey Party Chief** running a field crew and downloading data for **Static GPS Control surveys, topographic surveys, and property surveys in support of title take-offs, legal description preparation, preliminary and final right-of-way mapping, and QL C & D subsurface utility services** for 21 bridge and culvert replacements as a sub to Waggoner. |
| **02/23 – 11/24** | **CenterPoint Surveying Services, Various Parishes, LA (Various Agency Proj. Nos.) SUE/ Survey Party Chief** running a field crew and downloading data for **topographic surveys**, **property surveys, and surveys in support of SUE** for **title take-offs and right-of-way mapping** for maintenance and construction projects. |
| **02/21 – 02/24** | **LaDOTD IDIQ Contract for SUE Services, Route I-10, East Baton Rouge, LA (4400014660) SUE Party Chief** ran a field crew for **QL B subsurface utility designating** for several additional areas around the I-10 corridor in conjunction with the on-going design-build contract. |
| **04/22 – 04/23** | **LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Survey Party Chief** ran a field crew and downloaded data for **topographic surveys and surveys in support of QL C & D subsurface utility services and drainage map preparation** for interstate rehabilitation. |
| **12/17 – 06/20** | **LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (H.004100.5) SUE/ Survey Party Chief** ran a field crew for **topographic surveys and surveys in support of QL B, C, and D subsurface utility designating** for approximately 13 miles. |
| **05/20 – 05/20** | **UPRR Big Sandy Siding Survey, Upshur and Wood Counties, TX (29543/90502) Survey Party Chief** ran a field crew and downloaded data **property surveying services** for 15 parcels along railroad consisting of approximately 3.24 miles of track to establish the existing railroad **right-of-way**. Prepared 8 ALTA Surveys along with the privately owned **parcels for acquisition**, 0.25 acre **acquisition parcel in the right-of-way, and an overall right-of-way strip map.** |
| **12/18 – 01/20** | **LaDOTD LA 951: Roadway Washout Repairs, East Feliciana Parish, LA (H.013643) SUE/ Survey Party Chief** ran a field crew and downloaded data for **topographic surveys**, **surveys in support of QL A, B, C, and D subsurface utility designating/locating, and QL A, B, C, and D subsurface utility designating/locating** for road rehabilitation and bridge replacement. |
| **06/18 – 10/18** | **LaDOTD I-10: Williams Blvd. to Veterans Blvd., Jefferson Parish, LA (H.003074.5 & H.009087.5) SUE/ Survey Junior Party Chief** ran a field crew and downloaded data for **topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL A, B, C, and D subsurface utility designating/locating.** |

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| Firm employed by | **NTB Associates, Inc.** | | | | |
| Name | **Cameron Higginbotham** | | Years of relevant experience with this employer | **8** | |
| Title | **Party Chief** | | Years of relevant experience with other employer(s) | 3 | |
| Degree(s) / Years / Specialization | | | **U.T.A. Certified Professional Utility Locator / ATSSA Flagger** | | |
| Active registration number / state / expiration date | | | **N/A** | | |
| Year registered | **N/A** | Discipline | **N/A** | | |
| Contract role(s) / brief description of responsibilities | | | **Mr. Cameron Higginbotham** will serve as **NTBA SUE/ Survey Party Chief** during this contract. He will manage a field crew for **topographic surveys, property surveys, surveys in support of subsurface utility designating/locating, and subsurface utility designating/locating.** | | |

| 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). |
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| **01/23 – 11/24** | **LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) SUE/ Survey Party Chief** running a field crew and downloading data for **Static GPS Control surveys, topographic surveys, and property surveys in support of title take-offs, title research, preliminary and final right-of-way mapping, and QL A, B, C, & D utility designating/locating** for the design-build project to replace the Jimmy Davis Bridge across the Red River. |
| **08/22 – 11/24** | **CenterPoint Energy SUE Services, LA (CP 104334113, 101783539, 104364770) SUE/ Survey Party Chief** running a field crew for **QL B subsurface utility designating and surveys in support of SUE** in Shreveport, DeRidder, and Sulphur, Louisiana as a CenterPoint representative. |
| **08/21 – 11/24** | **LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) SUE/ Survey Party Chief** running a field crew for **topographic surveys, property surveys, and surveys in support of QL C & D subsurface utility designating** for 34 bridge and culvert replacements as a sub-consultant to BKI. |
| **02/21 – 02/24** | **LaDOTD IDIQ Contract for SUE Services, Route I-10, East Baton Rouge, LA (4400014660) SUE Party Chief** ran a field crew for **QL B subsurface utility designating** for several additional areas around the I-10 corridor in conjunction with the on-going design-build contract. |
| **04/22 – 04/23** | **LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) SUE/ Survey Party Chief** ran a field crew and downloaded data for **topographic surveys and surveys in support of QL C & D subsurface utility services and drainage map preparation** for interstate rehabilitation. |
| **09/21 – 04/22** | **LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) SUE/ Survey Party Chief** ran a field crew for **topographic surveys and surveys in support of QL C & D subsurface utility services** for bridge repair/rehabilitation. |
| **12/17 – 06/20** | **LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (H.004100.5) SUE/ Survey Party Chief** ran a field crew for **QL B, C, and D subsurface utility designating, topographic surveys, and surveys in support of QL B, C, and D subsurface utility designating** for approximately 13 miles. |
| **07/19 – 02/20** | **LaDOTD I-10: Loyola Interchange, Kenner, Jefferson Parish, LA (H.011670) SUE/ Survey Party Chief** ran a field crew for **QL B, C, and D subsurface utility designating, topographic surveys, surveys in support of QL A, B, C, and D subsurface utility designating/ locating** for approximately 5 miles. |
| **12/18 – 01/20** | **LaDOTD LA 951: Roadway Washout Repairs, East Feliciana Parish, LA (H.013643) SUE/ Survey Party Chief** ran a field crew for **topographic surveys, surveys in support of QL A, B, C, and D subsurface utility designating/locating, and QL A, B, C, and D subsurface utility designating/locating** for approximately 2,600 feet. |
| **06/16 – 06/18** | **LaDOTD LA 675 & LA 87 Improvements in New Iberia**, **Iberia Parish, LA (4400002562 & 4400006814) SUE/ Survey Rodman** performed on a field crew for **topographic surveys and surveys in support of QL A, B, C, and D subsurface utility designating/locating** for approximately 10 city blocks. |

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| Firm employed by | Vectura Consulting Services, LLC | | | | |
| Name | Sheelagh Brin Ferlito, PE, PTOE | | Years of relevant experience with this employer | 9 | |
| Title | Supervisor-Eng | | Years of relevant experience with other employer(s) | 27 | |
| Degree(s) / Years / Specialization | | | B.S. / 1988 / Civil Engineer | | |
| Active registration number / state / expiration date | | | PE. 0025383 / LA 09/30/2025 | | |
| Year registered | 1993 | Discipline | Civil | | |
| Contract role(s) / brief description of responsibilities | | | **MPR NO. 6.** Quality Control | | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
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| 07/21 - current | **H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA)** Brin is the task leader for Vectura for the **Construction Engineering and Inspection of 24 traffic signals**. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations. |
| 07/19 – current | **MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)** Brin is the lead traffic engineer for entire the New Capacity Projects program management team. **All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin.** She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects. |
| 07/19 – current | **H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA)** Brin is the project manager for the **temporary and permanent traffic signal plans** for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on **design year volumes** that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by DOTD. |
| 09/20 – 12/21 | **H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish, LA)** Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed **signal timing plans** for each phase of the construction to maintain progression along LA 30. |
| 07/18 – 04/19 | **LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA** Brin developed a Pedestrian Crosswalk Study and **Traffic Signal Construction Plans** for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included **traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses**. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way. |
| 09/17-04/18 | **US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA** Brin developed a formal traffic study for a proposed crosswalk with pedestrian **traffic signal equipment and pedestrian clearance timings** based on DOTD requirements. Brin assisted with **vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street**. From the design study, a set of **Traffic Signal Modification Plans** were developed to implement the recommended alternative. |
| 08/15-05/17 | **Enhancing Guidance for Evacuation Time Estimate Studies (Nuclear Regulatory Commission Rockville, MD)** Brin conducted an applied research study of U.S. Nuclear Regulatory Commission guidance for developing evacuation time estimate studies and produced a technical basis for revision of NUREG/CR-7002 "Criteria for Development of Evacuation Time Estimate Studies" in support of the 2020 update of ETEs. Specifically, Brin was the lead VISSIM modeler for the "large" population models, which consisted of a 20-mile radius model. The VISSIM model input included traffic volumes distributed over 8 hours, highway and intersection lane geometry using links and connectors, conflict areas, traffic signal and stop control and speed. Brin also developed Dynamic Traffic Assignment code to simulate that fastest route out of the evacuated zone. |

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| 04/14 – 12/14 | **H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA)** As the project engineer, Brin was in responsible charge for **data collection and design for three signalized intersections** as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction. |
| 07/12-03/14 | **EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge, LA)** Brin was the Project Resident Engineer on behalf of EBR for performing **CE&I services for the construction of 11 traffic signals**. She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM / EOC building. She processed all monthly tasks in EBR formats as well as well as all items on the EBR project closeout checklist. |
| 07/08-09/09 | **SPN 013-05-0043 CE&I for EBR Traffic Signal Systems Phase IV Construction (Baton Rouge, LA)** Brin was the Project Resident Engineer for DOTD and EBR to perform **CE&I services for the construction of 21 traffic signals**. She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report. |
| 09/13 – 04/14 | **S.P. 700-99-0477 Jefferson Hwy. Signal Design (Baton Rouge, LA)** Ms. Ferlito designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included **traffic data collection, traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout**. Design also included **traffic signal synchronization signal timing** and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans, and specifications. |
| 03/05 – 11/05 | **Airline Hwy Widening SPN 700-99-0332 (Baton Rouge, LA)** Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included **traffic data collection, traffic signal equipment, signal synchronization timing, fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate**. This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM / EOC. |
| 02/03 – 01/04 | **EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172 (Baton Rouge, LA)** Brin was the project engineer for the **design of 66 signalized intersections** on eight arterials in Baton Rouge which included traffic data collection, traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications. |

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| Firm employed by | Vectura Consulting Services, LLC | | | | |
| Name | Laurence Lucius Lambert, II, PE, PTOE, PTP | | Years of relevant experience with this employer | 9 | |
| Title | Supervisor-Eng | | Years of relevant experience with other employer(s) | 18 | |
| Degree(s) / Years / Specialization | | | B.S./1997/Civil Engr. M.S./2006/Civil Engr. (Transportation focus) M.B.A./2010 | | |
| Active registration number / state / expiration date | | | PE.0029901 / LA / 3/31/2026 | | |
| Year registered | Civil | Discipline | Civil | | |
| Contract role(s) / brief description of responsibilities | | | **MPR NO. 6.** Data Collection and Traffic Management Plan 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 years of experience specified in the applicable MPR(s). |
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| 01/24 – 03/24 | **St Tammany Hospital Pedestrian Safety Study (Covington, LA)** Laurence was the project manager for a pedestrian enhancement plan for the St Tammany Hospital. In response to a pedestrian hit in the parking lot, Vectura was hired to evaluate previous pedestrian improvement plans, collect traffic / pedestrian counts, speed data, and lighting conditions. Based on the data collected, Vectura developed a plan that included short term and long term improvements to enhance safety on and near the hospital campus. |
| 12/23 – 08/24 | **H.972501.1 South Range Road Operations Study Stage 0 Feasibility Study (Tangipahoa Parish, LA)** Laurence was the Principal in Charge for a Stage 0 for the Regional Planning Commission (RPC) to evaluate operating conditions of the S. Range Road corridor that included the intersection with Old Covington Highway. The **corridor study** included traffic data collection, pedestrian / bicycle counts, safety analysis, existing conditions analysis and alternative analysis. The results were summarized in a Stage 0 report. |
| 05/23 – 05/24 | **US 190B/Fremaux Ave Sidewalk Feasibility Study (Slidell, LA)** As a subconsultant to Richard C. Lambert Consultants, LLC, Laurence was the principal in charge for a sidewalk feasibility study that included data collection, safety analysis, alternative analysis, and final report. |
| 07/19 – current | **MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)** At the beginning of the program, Laurence worked with the Capital Region Planning Commission to produce measures of effectiveness from the **travel demand model** to prioritize the MOVEBR project list. Laurence and Pong Wu developed a list of vehicle miles traveled, V/C ratios and vehicles hours of delay. Laurence also provided **peer review** for the traffic studies for Ben Hur Road and Lee Drive. |
| 06/21 – 02/22 | **H.013267 Capital Area Pathways Project (Baton Rouge, LA)** Laurence was the project manager for a traffic study to evaluate trail crossings at three state routes that required DOTD approval. The **traffic design study** included traffic data collection, safety analysis, existing conditions analysis and alternative analysis. Laurence used the DOTD Traffic Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives. |
| 02/21 – 02/22 | **St Charles Land Use Update (St Charles, LA)** As a subconsultant, Laurence was the lead transport engineer for the land use update plan for the parish of St Charles. The project consisted of identifying existing conditions, public participation / visioning, existing condition analysis, scenario development, and implementation. |
| 09/20-04/21 | **MOVEBR LA 67 (Plank Road) Enhancement Project (Baton Rouge, LA)** - Laurence was the project manager to enhance transit, bicycle, and pedestrian mobility on Plank Road that required both City-Parish and DOTD approval. Laurence evaluated the proposed pedestrian crossings on LA 67 using the DOTD Traffic Engineering Manual pedestrian warrants found in Section 3B.2. Laurence also developed traffic operations evaluation of the traffic study which included traffic signal timing evaluations. |

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| 01/20 – 12/20 | **Southern University Mobility Study (Baton Rouge, LA)** As a subconsultant to CPEX, Laurence was the lead transportation engineer for the Southern Mobility Study. Laurence inventoried the bicycle and pedestrian infrastructure on the university campus. Laurence then identified gaps and areas of future needs based on the scheduled improvements on campus. Laurence also made recommendations to standardize the bicycle and pedestrian facilities for future implementation. |
| 02/20 – 09/21 | **College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** Laurence was the **project manager to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Data Collection)** for proposed improvements College Drive. Since the I-10 interchange was included in the study, **approval from DOTD was required**. Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations, verification of Traffic Signal Inventories, and bicycle / pedestrian / transit observations. |
| 10/17-10/18 | **H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA)** Laurence was the lead transportation engineer for a Corridor Planning Study for LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Laurence **collected AM & PM peak vehicle turning movement counts** as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to develop **growth rates and design year volumes**. Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a safety analyses of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles. |
| 07/16 – 01/17 | **Commuter Enhancement and Network Resiliency Plan Southeast LA** Laurence worked in cooperation with the Capital Region Planning Commission (or "CRPC") to augment their Metropolitan Transportation Plan update. Laurence worked specifically to identify short- and long-term opportunities to improve connections to jobs and enhance the resiliency of the five-parish CRPC Planning Area (or "Capital Region") transportation network. Laurence was critically important in developing the data needs request and compiling existing plans. One of the key deliverables for Laurence as part of this project is to develop a list of short-term projects that provide maximum congestion relief and reliability to the transportation network. Another key component of the project was to develop transportation resiliency plan for the network. |
| 01/17-07/17 | **Minnesota Park Road Improvements Traffic Study (Tangipahoa Parish, LA)** Laurence was the task leader for a traffic data collection and intersection analyses of a Stage 0 Feasibility study for Minnesota Park Road in Hammond, LA. Laurence utilized Sidra software to perform a **roundabout** alternative. The DOTD procedures for utilizing Sidra were followed for this project. |
| 07/16 - 01/17 | **FHWA Intersection & Interchange Geometrics: Innovative Design Considerations for All Users (Norfolk, VA)** At the request of the FHWA division office for Virginia, Laurence was asked to peer review a set of design plans for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, modifications to an interchange and the implementation of a DLT. Vectura specifically reviewed and commented on the intersection geometry, pavement markings and signage. The findings were summarized in a technical memorandum as well as "red line" comments were scanned and submitted to the FHWA Virginia Division office for their use. |
| 03/10-09/10 | **Downtown Baton Rouge Greenway (Baton Rouge, LA)** Laurence was the lead transportation engineer of a feasibility and cost study for integration of a new transportation infrastructure greenway into the existing layout of urban streets in and around Downtown Baton Rouge that included North Boulevard. The purpose of the greenway was to enhance bicycle and pedestrian users in the downtown area. Amenities proposed included way finding signage, path delineation by use of benches, bicycle racks, etc., lighting and landscape elements. |

(Add rows as needed)

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| Firm employed by Vectura Consulting Services, LLC | | | | |
| Name | Reece Rodrigue, PE, PTOE, RSP1 | | Years of relevant experience with this employer | 4 |
| Title | Engineer | | Years of relevant experience with other employer(s) | 7 |
| Degree(s) / Years / Specialization | | | B.S./2013/Civil Engr. | |
| Active registration number / state / expiration date | | | PE.0042074 / LA / 3/31/2026 | |
| Year registered | Civil | Discipline | Civil | |
| Contract role(s) / brief description of responsibilities | | | **MPR NO. 6.** Project Engineer | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
|---|---|
| 04/21 - current | **MOVEBR Direct Select for Traffic Signal Design, Baton Rouge, LA** Reece is a project engineer for the design of traffic signal upgrades at 10 intersections. This projected included a traffic design report, preliminary and final plans for traffic signals that included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. The design also included traffic signal synchronization signal timing and pedestrian signal timing. |
| 06/23 - Current | **H.012845.1 Connected & Autonomous Vehicles (C/AV) Team and Working Group Support** Reece is a member of the team to develop new policies and legislation related to C/AV. |
| 06/23 - Current | **H.011507.1 Monroe Phase 3 SEA** Reece visited the project site to document the controller type and detection needs at each signalized intersection within the right-of-way. |
| 07/21 - Current | **H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, Louisiana)** Reece is part of the team responsible for **Construction Engineering and Inspection**. Reece has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations. |
| 01/23 – 02/24 | **H.011504 Alexandria ITS Phase 2** Reece was the project engineer for a site visit, System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan. |
| 06/22 – 02/23 | **H.012381.5 ITS Fiber Management System Data Collection** Reece performed the field observations for 40 sites to verify the ITS FMS and inventory services. |
| 04/20 - Current | **H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA)** Reece is responsible for designing the temporary traffic signal for the intersection of LA 23 at Engineers Rd. for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the **Traffic Management Plan** that was also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for producing the permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated stop bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction. |
| 01/21 – 05/21 | **H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes)** Reece was a member of the subconsultant team who was tasked with reviewing the ITS plans for 15 sites along I-10 where CCTV cameras were being installed. Reece was responsible for **measuring anticipated construction quantities and producing a cost estimate** for said quantities by using DOTD's Bid Tabulation and Cost Estimating Tool. |
| 09/20 – 12/21 | **H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Reece is an essential design engineer, who is assisting in the production of the temporary signal design associated with the **sequence of construction** for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns. |

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| 09/20 – 12/21 | **H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Reece is a design engineer, who is assisting in the production of the temporary signal design associated with the **sequence of construction** for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. He assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Reece conducted a thorough analysis of the LA 30 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns. |
| 11/21 – 12/21 | **Emergency Street Light and Traffic Sign Assessment (New Orleans, LA)** In response to the damage caused by Hurricane Ida, Reece **inspected streetlights** and street signs to report damage using the City's ArcGIS Online Organization and ArcGIS Field Maps app. The assessment area was approximately 2.5 miles by 2 miles area in the City of New Orleans. |
| 02/20 – 09/21 | **College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** Reece was the task leader for organizing and formatting the **data collection** of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts. |
| 07/19 – 12/19 | **Burgess Avenue at Duff Road Traffic Signal Design, Walker, LA** Reece was responsible for the design of a fully actuated signalized intersection in the city of Walker, LA. The traffic signal was determined to meet signal warrants upon completion of the Foxglove subdivision in Livingston Parish, LA. Plans included road widening, signal face indication schedule, signal sequence chart, sign schedule, detector schedule, controller timing, wiring diagram, and free operation phasing diagram. Reece met with city officials to discuss the feasibility of constructing a traffic signal as opposed to other alternative measures for improving the intersection. |
| 02/16 - 12/16 | **H.005733.5 US 190 Superstreet Task Order (St. Tammany Parish)** Reece was a team member responsible for the layouts for the US 190 Superstreet signal designs. He created the **preliminary plans using CAD** software program MicroStation V8i. He aided in the technical design of each intersection. He conducted field inspections to verify locations of existing equipment as well as observing the area for feasible proposed utility locations. He attended project team meetings to discuss the project details as well as the plan-in-hand walk-through. |
| 01/16 – 11/17 | **Ochsner Main Campus Traffic Signals (Jefferson Parish)** Reece served as a design engineer for the **traffic signal plans** for the two Ochsner Main Campus access traffic signals with US 90 (Jefferson Hwy). The goal of the design was to implement updated pedestrian timings as well as optimize progression through the US 90 corridor. He reviewed traffic data and assigned time of day coordination timing parameters for the two intersections so that they may be included in the coordinated system west of the intersections. He used TruTraffic determine the appropriate offset parameters so that vehicles may progress efficiently through the coordinated system. Plans for the two intersections were drafted in the form of DOTD's latest version of the TSI format. He was responsible for estimating construction quantities using DOTD's 2016 Spec Item list. |
| 10/16 – 05/17 | **Loyola Interchange Modification Request, Kenner, LA** Reece was a team member in the production of an Interchange Modification Report (IMR) for the I-10 at Loyola Dr. Interchange. He was an active member in collecting vehicle travel time data and processing the data. He also aided in collecting vehicle queues at the study intersections. He also assisted in the Vissim model calibration. |
| 02/15 – 12/15 | **H.011646 Retainer Contract for DOTD District 02 Traffic Signal Inventories - Nola 3** Reece served as the lead engineer in the production of the traffic study for the District 02 Traffic Signal Inventories. The objective was to effectively correct the progression of traffic through the US 90 (Broad St) corridor. He reviewed vehicle crash data at all intersections in the study scope. He conducted travel time runs. He created a model with existing traffic signal timing information using Synchro 8 Software. He recommended traffic signal pedestrian clearance times and yellow and red clearance times for each intersection. He used MicroStation V8i when designing traffic signal plans in DOTD's TSI format. |

(Add rows as needed)

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| Firm employed by | Vectura Consulting Services, LLC | | | |
| Name | Kristen Farrington, PE, PTOE, RSP1 | | Years of relevant experience with this employer | 3 |
| Title | Engineer | | Years of relevant experience with other employer(s) | 7 |
| Degree(s) / Years / Specialization | | | B.S. / 2014 / Civil Engr. | |
| Active registration number / state / expiration date | | | PE.0042785 / LA / 3/31/2025 | |
| Year registered | Civil | Discipline | Civil | |
| Contract role(s) / brief description of responsibilities | | | **MPR NO. 6.** Project Engineer | |

| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s). |
|---|---|
| 12/23 – current | **H.972501.1 South Range Road Stage 0 (Tangipahoa Parish, LA)** Kristen was the project manager for a Stage 0 project to improve operations on South Range Road. The project included data collection, existing conditions analysis, safety analysis, and alternatives development. |
| 05/23 – 05/24 | **US 190B/Fremaux Ave Sidewalk Feasibility Study (Slidell, LA)** As a subconsultant to Richard C. Lambert Consultants, LLC, Laurence was the project manager for a sidewalk feasibility study that included data collection, safety analysis, alternative analysis, and final report. |
| 04/22 – 11/23 | **H.013267 Capital Area Pathways Project (Baton Rouge, LA)** Kristen is the lead designer for four pedestrian hybrid beacons (PHB's) with two crossings located on state routes. The locations were approved in a previous study and are now under design for construction. Kristen is working closely with the City and DOTD on the construction plan development as PHB's are a new traffic control device for DOTD. Prior to the design of the PHB's, Kristen prepared a traffic study evaluating all six uncontrolled crosswalks along the path, which included data collection and determining the appropriate treatment for each crossing location based on FHWA, DOTD and MUTCD guidance. |
| 09/17 – 09/18 | **H.011160 LA 73 Corridor Study Stage 0 (LA 74 to LA 621) (Ascension Parish)** Kristen was the designer responsible for concept development, report writing, and impact analysis for a **Stage 0** study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared. |
| 04/18 – 04/19 | **H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish)** Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this **Stage 0** Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the DOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps. |
| 04/19 – 6/21 | **H.013817.1 A 117 Improvements Stage 0 (Vernon and Natchitoches Parishes)** Kristen served as project engineer responsible for a **Stage 0** study for 18 miles of two-lane highway. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project. |
| 03/19 – 11/19 | **H.012311 LA 429 Connector Stage 0 (Ascension Parish, LA)** Kristen was the task leader for the preparation of a **Stage 0** study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the **Stage 0** Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine the best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report. |
| 11/18 - 3/21 | **H.013322 LA 3040 Feasibility / Safety Study Stage 0 (Houma, LA)** Kristen served as project engineer for a study to identify safety and operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA to evaluate reasonable alternatives to address any deficiencies discovered. Kristen was responsible for compiling a data collection plan for submittal to DOTD, including count locations, determined peak periods, and |

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| | peak hours. Kristen performed peak period observations in the field and geometric field checks, as well as **unmet demand observations and calculations**. Kristen prepared TMC figures, as well as performed existing analysis in Vistro. Compiled all data collected into Appendices A and B per the DOTD Traffic Process and Report and wrote Chapter 1 of report. Kristen represented the project at stakeholder meetings to discuss project status. |
| 04/18 – 04/19 | **H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish, LA)** Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this **Stage 0** Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the LADOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps. Close coordination with traffic engineer ensured maximum improvement of safety and operations given limited right-of-way and utility conflicts along the corridors. |
| 09/17 – 09/18 | **H.011160 LA 73 Corridor Study Stage 0 LA 74 to LA 621 (Ascension Parish, LA)** Kristen was the designer responsible for concept development, report writing, and impact analysis for a **Stage 0** study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared. |
| 11/16 – 07/17 | **H.001271 Cane River Bridge Church Street Route LA 1-X Environmental Assessment** Kristen was the project engineer responsible for assisting with the site visits, data organization, **analysis of permanent alternatives and traffic control alternatives**, and traffic report to aid in the delivery of an environmental assessment for the Cane River Bridge Replacement |

AECOM

# Section 17

## Lakeshore Drive Complete Streets Reconfiguration (Lake Marina Drive To Canal Blvd), New Orleans, Louisiana

Under the direction of SLFPAE staff, AECOM provided planning, urban design, engineering and construction management services for the Complete Streets Reconfiguration of Lakeshore Drive from Lake Marina Drive to Canal Blvd. The team collected and analyzed data, coordinating stakeholder outreach, and made conceptual-level recommendations to improve safety, especially for pedestrians, between Floodgate L-05 and Shelter 1.

Traffic analysis, urban design, and stakeholder input all led to the conclusion that four travel lanes were not needed. The conversion to a two-lane roadway yields safety benefits, but also yields space for the addition of pedestrian crossing refuges, and a protected two-way cycle track. The new pedestrian crossings will include raised, speed table crossings with Rectangular Rapid Flashing Beacons (RRFBs). Each includes new lighting and a center median with pedestrian refuge islands.

**17. Firm Experience:**

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

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

**Relevance to this Project**

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

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

**Team Members:** Jonathan McDowell, Gregory Trahan, Daniel Boyd, Corey Serignea, Oscar Avila, William Fullilove. **Subconsultants**- Marrero, Couvillon & Associates, LLC and Vectura


**17. Firm Experience:**

| | | | | | |
|---|---|---|---|---|---|
| Firm name | Alliance Transportation Group, LLC | | Past Performance Evaluation Discipline(s)* | Planning | |
| Project name | NLCOG SS4A Safety Action Plan | | | Firm responsibility (prime or sub?) | Prime |
| Project number | n/a | Owner's name | Northwest Louisiana Council of Governments (NLCOG) | | |
| Project location | Northwest LA | | Owner's Project Manager | J. Kent Rogers | |
| Owner's address, phone, email | 625 Texas Street, Suite 200, Shreveport, LA 71101, 318.841.5950, kent.rogers@nlcog.org | | | | |
| Services commenced by this firm (mm/yy) | 06/24 | Total consultant contract cost ($1,000's) | | $785 | |
| Services completed by this firm (mm/yy) | Ongoing | Cost of consultant services provided by this firm ($1,000's) | | $468 | |

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

ATG was selected by the Northwest Louisiana Council of Governments (NLCOG) to develop a Safe Streets and Roads for All (SS4A) Action Plan for the MPO planning area of Bossier, Caddo, DeSoto and Webster Parishes. The $5 billion discretionary grant program under the Bipartisan Infrastructure Law (BIL) aims to prevent deaths and serious injuries on the nation's roadways.

This plan will be used by the NLCOG to support regional parishes and municipalities seeking an Implementation Grant through the SS4A program. The plan will include potential infrastructure projects such as on-street facilities, intersection upgrades, off-street paths and other transportation improvements to complete the network and fill gaps. These projects will be supported by behavioral and policy initiatives aimed at creating a regional low-stress network to prevent roadway fatalities and serious injuries. ATG's holistic approach in creating safe systems will include educational, policy and programmatic changes.

To provide a baseline of fatal and severe crashes, ATG will examine existing conditions and historical trends as part of a Safety Analysis, including an in-depth review of crash locations, types, and those involving vulnerable road users such as people walking or biking. Additionally, an Equity Analysis will assist in directing specific consideration for underserved communities identified through data analysis as well as collaboration with appropriate partners and stakeholders.

This plan will include a robust, inclusive outreach component as required by the SS4A program. Engagement will involve a project steering committee and focus groups for each parish and/or municipality comprised of key staff at public agencies, relevant stakeholders in the private sector, and applicable community groups. Additionally, several public meetings in formal settings as well as pop-up events will be planned. Public outreach will take place in public locations deemed appropriate for reaching a representative cross-section of the community in addition to providing an online component for collecting community input.

As part of the action plan, ATG will provide a roadmap to guide and monitor progress toward the goal of eliminating fatal and severe crashes.

**Staff involved:** JD Allen, AICP, WSOCSSD, TSSP-Rail/Bus, PTSCTP; Ellen Soll, AICP; Ed Elam, AICP, PTP, TSSP-Rail, PTSCTP; Colin Ash, AICP

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|---|---|---|---|
| Firm Name | **AECOM Technical Services, Inc. (AECOM)** | Past Performance Evaluation Discipline(s) | Road, Bridge, Traffic, Environmental, Planning |
| Project Name | **Loyola and Rampart Street Multimodal Improvements, Rail and Roadway Design and Construction Support** | Firm Responsibility | Prime |
| Project Number | NA | Owner's Name | New Orleans Regional Transit Authority (NORTA) |
| Project Location | New Orleans, LA | Owner's Project Manager | Brendan Matthews |
| Owner's Address, Phone, Email | 2817 Canal Street • New Orleans, LA 70119 • (504) 827-8383 | | |
| Services Commenced by This Firm | 2012 | Total Consultant Contract Cost ($1,000's) | $13,000 |
| Services Completed by This Firm | 2016 | Cost of Consultant Services Provided by This Firm ($1,000's) | $8,000 |

***AECOM has led the development, design, and construction support of the New Orleans Regional Transit Authority's (NORTA) Rail Expansion Program that provided new streetcar lines and complete streets improvements along Loyola Avenue in 2013 and N. Rampart Street in 2016.***

**Loyola Avenue:** AECOM provided final design and construction support services for the addition of 1.62 track miles, station shelters and "Complete Streets" enhancements and multimodal signal improvements. The new streetcar tracks were added to the inside lanes in each direction, sharing traffic along Loyola Avenue, and connects the existing Canal Street Line to a new intermodal facility at the Union Passenger Terminal (UPT), which connects to Amtrak inter-city rail routes, Greyhound bus service, NORTA urban bus routes, and future commuter rail service. The Loyola Line improves pedestrian mobility in the CBD and the French Quarter by linking the French Quarter, Riverfront Streetcar, Louisiana Superdome and CBD. The AECOM team developed design-bid-build construction procurement documents on a short 100-day schedule to respond to the time constraint of the TIGER Grant financing and the necessity to have the streetcar in revenue operation prior to the 2013 Super Bowl. Design elements include the embedded track structure, traffic lane reconfiguration within existing ROW, bicycle lanes, passenger stations with ADA accessibility, improvements at the UPT intermodal facility, utility and drainage modifications, traction power and catenary system installation, multimodal traffic signal design, communications, and the coordination of systems interfaces with the existing streetcar system. The design and construction made special provisions to protect median memorials and landscaping including restoring stone tiles around the Molly Marine Statue.

**Relevance to this Project**

- Final Design (Shared traffic/ streetcar)
- Complete Streets Design
- Bicycle and Pedestrian Accommodations and Accessibility Improvements
- Landscape Design
- SUE
- Historic Preservation
- Public Involvement
- Cultural Resources
- DOTD Coordination

**Rampart Street**: AECOM also performed final design and construction support services for the reconfiguration of Rampart Street to add 3.2 miles of new streetcar track miles, new station shelters, new bicycle lanes, ADA improvements, added road lighting, added landscaping, and multimodal traffic signal upgrades on N. Rampart Street, Canal Street and St. Claude Avenue. Design elements included utility relocations, traction power, communications, and the coordination of systems interfaces with the existing streetcar system. An extensive subsurface utility engineering (SUE) effort was implemented to avoid utility conflicts. Catenary poles were designed to match the existing historic light poles and the light pole foundations were designed to minimize utility conflicts..

The Rampart Street Line extends from the Loyola Line at Canal Street to Elysian Fields Avenue providing multimodal transportation facilities to the French Quarter, Treme and Faubourg Marigny with connections to the UPT, Superdome, CBD and Riverfront Line. Due to the historic character of the corridor, a significant public involvement program and coordination with the State Historic Preservation Officer and the New Orleans Historic District Landmark Commission were undertaken. Archeological monitoring during the SUE and construction was required. Lakebound traffic lanes on Canal Street were closed for a 30-day period for complete construction of the half grand union at the Canal Street intersection. During the closure two-way traffic was maintained in the riverbound lanes utilizing the existing crossovers and transit lanes for the detour. The project was delivered on time and under the estimated budget. Both projects utilized detailed VISSIM simulations to show the proposed conditions and operations for public information efforts..

**Team Members:** Jonathan McDowell, Greg Trahan, Corey Serignea, Oscar Avila

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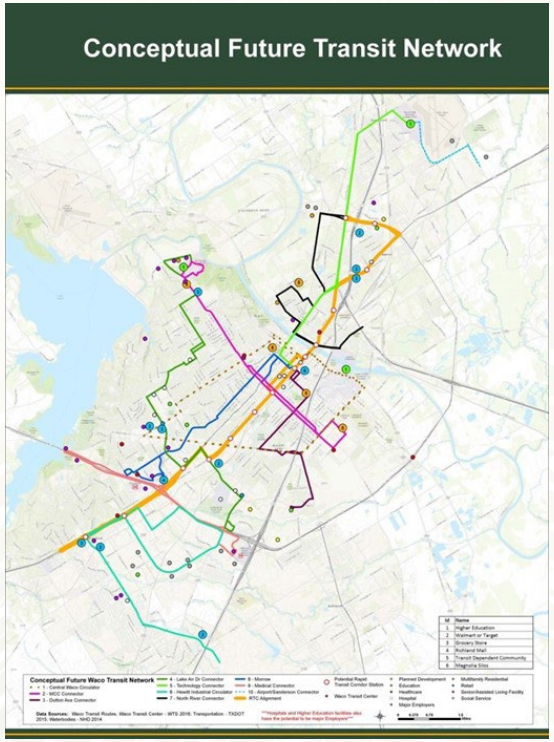
|---|---|---|---|---|---|
| Firm Name | **AECOM Technical Services, Inc. (AECOM)** | | Past Performance Evaluation Discipline(s) | Other (BRT) | |
| Project Name | **Waco Rapid Transit Feasibility Study, NEPA, and 30% Design** | | Firm Responsibility | Prime | |
| Project Number | NA | Owner's Name | City of Waco | | |
| Project Location | Waco, TX | Owner's Project Manager | Serena M. Stevenson, General Manager | | |
| Owner's Address, Phone, Email | 300 Austin Avenue, Waco, TX 76702; serenas@wacotx.gov<br>(254) 750-1919 | | | | |
| Services Commenced by This Firm | N/A | Total Consultant Contract Cost ($1,000's) | $1,190 | | |
| Services Completed by This Firm | N/A | Cost of Consultant Services Provided by This Firm ($1,000's) | $815 | | |

The AECOM team provided expert guidance and technical service in the planning and preparation of new BRT service in the City of Waco. The Team successfully led the City through the feasibility process and prepared the project for entry into FTA Project Development.

AECOM conducted a feasibility study to develop a rapid transit corridor (RTC) and bus service enhancements for the City of Waco and Waco Transit Services. The project aimed to modernize and enhance the existing transit system to provide riders with enhanced mobility and reliable access to jobs, medical and social services and education facilities. The 13-mile project travels north to south and through the heart of Downtown and through some of the busiest traffic corridors in the region. Following extensive public engagement and technical analysis, a locally preferred alternative was selected that reimagines transit in the region.

AECOM is now performing Preliminary Engineering and NEPA for implementation of bus rapid transit. As part of the corridor screening task, AECOM analyzed the three alternatives to determine their impact on traffic, intersections, parking facilities and to the right-of-way. AECOM led the effort to analyze the reconfiguration of one-way Downtown streets to two-way to optimize RTC operations, reliability and travel time.

The project developed ridership forecasts using the FTA STOPS model and validated by local modelling and survey. These model outputs helped inform the final recommendations for the RTC and the conceptual redesign of the local fixed-route system in a way that leverages investment in the corridor.




**Team Members:** Staff: Matt Ables, Dani Madubuike, Chris Lau, Joshua Phillips, Jonathan McDowell, Kelly Gillman, Chris Lynn.

**17. Firm Experience:**

| | | | | | |
|---|---|---|---|---|---|
| Firm name | Alliance Transportation Group, LLC | | Past Performance Evaluation Discipline(s)* | Planning | |
| Project name | NLCOG Regional Active Transportation Plan | | | Firm responsibility (prime or sub?) | Prime |
| Project number | n/a | Owner's name | Northwest Louisiana Council of Governments (NLCOG) | | |
| Project location | Northwest LA | | Owner's Project Manager | Chris Petro | |
| Owner's address, phone, email | 625 Texas Street, Suite 200, Shreveport, LA 71101, 318.841.5950, chris.petro@nlcog.org | | | | |
| Services commenced by this firm (mm/yy) | 12/23 | Total consultant contract cost ($1,000's) | | $280 | |
| Services completed by this firm (mm/yy) | Ongoing | Cost of consultant services provided by this firm ($1,000's) | | $280 | |

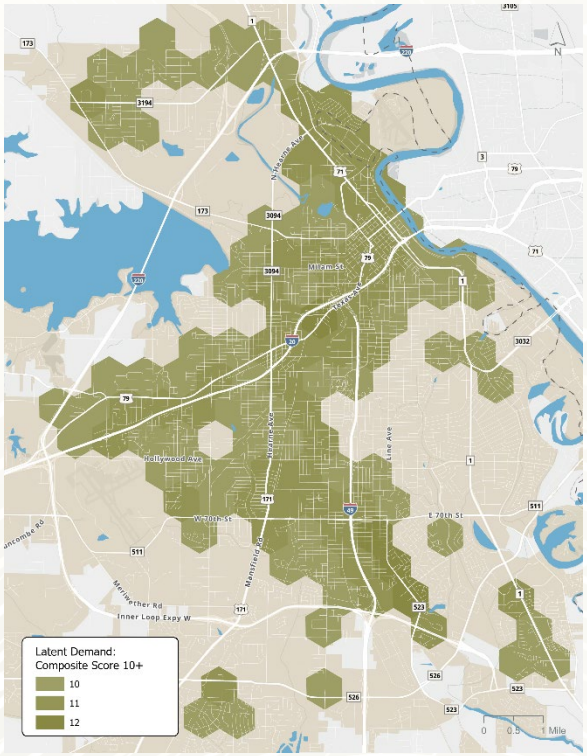
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

ATG was selected by the Northwest Louisiana Council of Governments (NLCOG) to develop a Regional Active Transportation Plan (RATP) for the MPO planning area of Bossier, Caddo, DeSoto and Webster Parishes.

This plan will be used as a tool by the NLCOG to improve upon its network of existing facilities and to develop new facilities that provide for improved and safer walking, bicycling, and other forms of micro-mobility for transportation and recreational opportunities. The Plan identified deficiencies and specific improvements to infrastructure with the goal of building a complete network for active transportation users, and will propose project selection criteria to prioritize current and future projects to make the best use of available funding sources and opportunities.

To assess the existing conditions experienced by people walking and biking in the region, a comprehensive safety analysis for vulnerable users is evaluating the high-injury network where crashes disproportionately affect people walking and biking and makes recommendations for countermeasures to address specific issues. A latent demand analysis and analysis of previously collected public information will be used as inputs into the development of a safe and comfortable all ages and abilities (AAA) network free from barriers to access.

This plan includes a broad outreach component, involving stakeholders, advocates and members of the public throughout the process to create a community-driven plan to make walking, bicycling, and other active modes of transportation safer, more comfortable, and more convenient throughout the region.




**Staff involved:** JD Allen, AICP, WSOCSSD, TSSP-Rail/Bus, PTSCTP; Ellen Soll, AICP; Ed Elam, AICP, PTP, TSSP-Rail, PTSCTP; Ben Magallon, AICP, TSSP-Rail, PTSCTP

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|---|---|---|---|
| Firm Name | **AECOM Technical Services, Inc.** | Past Performance Evaluation Discipline(s) | Road, Bridge, Traffic, Environmental, Planning |
| Project Name | **LA 511, Red River Bridge at Jimmie Davis Highway Stage 0 Feasibility Study and Environmental Assessment** | Firm Responsibility | Prime |
| Project Number | H.001779 | Owner's Name | Louisiana Department of Transportation and Development |
| Project Location | Bossier and Caddo Parishes, Louisiana | Owner's Project Manager | Stage 0: Ryan Reviere, PE • EA: Ezekiel Onyegbunam • SEA: Catherine Mastin, PE |
| Owner's Address, Phone, Email | PO Box 94246, Baton Rouge, LA 70804 • 225.379.1071 • 225.242.4516 • 225.379.1652 • ryan.reviere@la.gov • ezekiel.onyegbunam@la.gov • catherine.mastin@la.gov | | |
| Services Commenced by This Firm | 12/08 | Total Consultant Contract Cost ($1,000's) | Stage 0: $291 • EA: $915 • SEA: $513 |
| Services Completed by This Firm | 07/20 | Cost of Consultant Services Provided by This Firm ($1,000's) | Stage 0: $225 • EA: $588 • SEA: $489 |

AECOM first prepared a Stage 0 Feasibility Study to investigate providing additional capacity to the Red River Bridge at Jimmie Davis Highway (LA 511). j***Beginning in 2013, we prepared an EA that obtained a Finding of No Significant Impact (FONSI) from the FHWA.*** In 2017, the DOTD initiated a Supplemental Environmental Assessment (SEA) to identify a new preferred alternative that will satisfy the project's purpose and need.

The project extends from East Dixie Meadow Road to Barksdale Boulevard (US 71) along East 70th Street in Shreveport and Jimmie Davis Highway in Bossier City. The project includes providing a full interchange of the Arthur Ray Teague Parkway that parallels the Red River in Bossier City with LA 511, improvements to Jimmie Davis Highway and other roadways in the immediate area, and a bicycle/pedestrian trail across the Red River to connect the existing trails on each side of the river.

j***Tasks included environmental data collection, a purpose and need statement, development of design criteria, alternative analysis for both the EA and the SEA, traffic analysis, noise analysis, and preparation of NEPA documents as well as roadway and bridge design.*** The designs and cost estimates of all bridge alternatives studied were for both concrete and steel construction options. All three studies included public outreach. The EA had an open house public information meeting, and an open house public hearing following the distribution of the Draft EA. An open house public information meeting was held and a public hearing is planned to follow the distribution of the Draft SEA.

A major project issue is the disposition of the existing two-lane Jimmie Davis Bridge. As it is eligible for the Nation Register of Historic Places and it is not beyond repair, it cannot be demolished. Although its use as the alignment of the trail has been studied, that would require that a third party take responsibility for its maintenance, and no third party has been identified. Therefore, the 2015 Selected Alternative and the 2019 Preferred Alternative both provide a new westbound bridge with two vehicular travel lanes and the trail. The eastbound traffic would continue to use the existing bridge, which is scheduled to be rehabilitated under a separate project. Other differences between the alternatives are the redesign of Jimmie Davis Highway, improvements in access to adjacent property to avoid relocations, and substantial reduction in the cost of the trail by providing at-grade connections.

**Team Members:** Derek Chisholm, Tom Hunter, Jonathan McDowell

**Relevance to this Project**

- NEPA Documentation
- Schematic Design of Bridge and Roadway
- Traffic Analysis
- Advanced Planning Study
- Public Engagement
- Alternatives Development and Evaluation

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|---|---|---|---|---|---|
| Firm Name | **AECOM Technical Services, Inc. (AECOM)** | | Past Performance Evaluation Discipline(s) | | Road, Bridge, Traffic, Environmental, Planning |
| Project Name | **US61/Tulane Avenue Corridor Improvements** | | | Firm Responsibility | Prime |
| Project Number | NA | Owner's Name | Regional Planning Commission | | |
| Project Location | New Orleans, LA | Owner's Project Manager | Jeffrey Roesel, AICP | | |
| Owner's Address, Phone, Email | 10 Veterans Blvd, New Orleans, LA 70124 • 504-483-8528 • jroesel@norpc.org | | | | |
| Services Commenced by This Firm | 2014 | Total Consultant Contract Cost ($1,000's) | | $252 | |
| Services Completed by This Firm | 2014 | Cost of Consultant Services Provided by This Firm ($1,000's) | | $213 | |

AECOM prepared a study and design for a 1.8-mile segment of the US 61/Tulane Avenue corridor which spans from Carrollton Avenue to Claiborne Avenue in Orleans Parish. This plan supports economic development and addresses roadway preservation, traffic safety and operational issues, pedestrian safety, alternatives for enhanced transit service (i.e. bus-rapid transit) and Transportation System Management (TSM) needs.

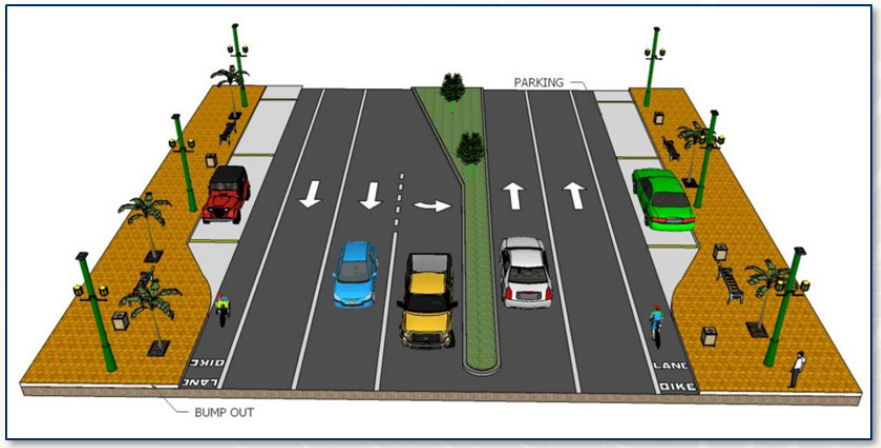
Improvement alternatives were defined that are consistent with LADOTD's Complete Streets concept that enhanced pedestrian bike and transit system operations. Access management concepts were also included to improve traffic operations and safety. An engineering map atlas was prepared to present the proposed geometric improvements for the preferred alternative selected for the corridor based on public and stakeholder input from the Public Meeting and Public Hearing as well as comment periods.

A traffic study was prepared for the project to evaluate the alternatives which reduced Tulane Avenue from 6 to 4 travel lanes. This traffic analysis also incorporated the additional traffic that will be generated from the new residential and commercial developments as well as the two new hospitals. Intersection improvements, the addition of turn lanes, traffic signals, and improved traffic signal timing were all evaluated and incorporated into the preferred alternative.

**Team Members:** Tom Hunter, Derek Chisholm

**Relevance to this Project**

- Complete streets
- Bike Lanes/pedestrian access
- Transit service alternatives
- Signalization/Traffic Analysis and Modeling
- Stormwater Mitigation
- Concept/Alternatives Development
- Roadway Design/Intersection Geometrics
- Coordination with LaDOTD and FHWA
- Environmental Services




**17. Firm Experience:**

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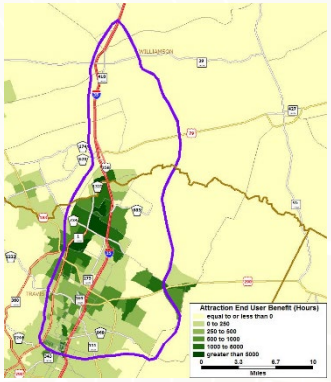
|---|---|---|---|
| Firm name | Alliance Transportation Group, LLC | Past Performance Evaluation Discipline(s)* | Planning |
| Project name | Project Connect BRT Corridor | Firm responsibility (prime or sub?) | Sub |
| Project number | n/a | Owner's name | Capital Metro |
| Project location | Austin, TX | Owner's Project Manager | David Couch |
| Owner's address, phone, email | 2810 E. 5th Street, Austin, TX 78702, 512.369.6210, David.Couch@capmetro.org | | |
| Services commenced by this firm (mm/yy) | 03/12 | Total consultant contract cost ($1,000's) | Unknown |
| Services completed by this firm (mm/yy) | 09/20 | Cost of consultant services provided by this firm ($1,000's) | $528 |

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



Project Connect is the Austin community's plan for a high capacity transit (HCT) system of reliable and frequent transit operating in a congestion-proof environment free from other traffic. This plan connects people, places, and opportunities in an affordable, efficient, and sustainable way. It combines technical evaluation with extensive public and stakeholder engagement in a three-phase process to:

- Identify which corridors within the Austin area have the most potential to support new HCT investments and where Capital Metro could pursue enhancements to existing HCT services.
- Define specific route and mode technologies for the best performing corridors and analyze the alternatives to produce a preferred system plan
- Develop an implementation program to deliver the HCT system based on funding availability, project and corridor prioritization, and the definition of the Locally Preferred Alternative(s) for both new HCT investments and enhancements to existing services.

ATG was a major project subconsultant and led the definition of investment corridor alternatives and evaluation. During the first phase of the study, ATG conducted a comprehensive corridor-level ridership analysis based on APC data on existing services to help prioritize HCT investment opportunities. ATG has continued to evaluate HCT corridors during Phase 2 through a detailed exploration of the physical opportunities for and constraints to implementing new transit guideway and stations primarily on existing arterial streets. The analysis also determined optimal station locations based on characteristics such as population and employment density, bicycle and pedestrian accessibility, and connectivity to other transit services.

ATG supported strategy development for public engagement, including leading stakeholder and agency technical coordination meetings related to investment corridor alternatives definition, and plays a key role assisting the prime consultant with overall project, task, and client management.

The Project Connect Orange Line is a proposed dedicated pathway HCT 21-mile corridor that Capital Metro's MetroRapid 801 currently serves. As a subconsultant to AECOM, ATG assisted with active transportation analysis, transit service planning, and ridership forecasting tasks to evaluate assumptions and project impacts for the alternative transit modes and operating configurations. Through this entire effort, ATG coordinated seamlessly with the client and another consulting team working on the parallel effort for the Blue Line HCT corridor.

**Staff involved:** JD Allen, AICP, WSO-CSSD, TSSP-Rail/Bus, PTSCTP; Ed Elam, AICP, PTP, TSSP-Rail/Bus, PTSCTP; Ben Magallon, AICP, TSSP-Rail/Bus, PTSCTP; Mike Chaney, AICP

**17. Firm Experience:**

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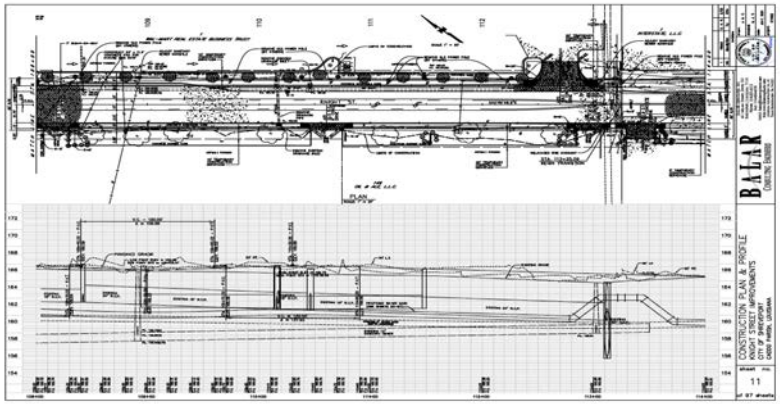
|---|---|---|---|
| Firm name | **EJES INCORPORATED** | Past Performance Evaluation Discipline(s)* | **ROAD** |
| Project name | Knight Street Improvements (Shreveport Barksdale Hwy. to Preston Street) \| Shreveport, LA | Firm responsibility (prime or sub?) | Sub |
| Project number | | Owner's name | City of Shreveport |
| Project location | Shreveport, LA | Owner's Project Manager | Patrick Furlong, PE |
| Owner's address, phone, email | 505 Travis Street Shreveport, LA 71101 (P) 318.673.7660 patrick.furlong@shreveportla.gov | | |
| Services commenced by this firm (mm/yy) | 06/24 | Total consultant contract cost ($1,000's) | $364,111 |
| Services completed by this firm (mm/yy) | ONGOING | Cost of consultant services provided by this firm ($1,000's) | $52,000 |

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

To improve access from Shreveport Barksdale Hwy. to Preston St. and Clyde Fant Pkwy., address substandard street pavement conditions, and provide for a turning lane to access adjacent commercial and residential properties. The existing roadway was a deteriorated two-lane asphaltic concrete street with a deteriorated four lane portland cement concrete roadway on the north end of the project area near Shreve City Shopping Center. The two lane segment of the road has open ditch surface drainage and there are no sidewalks on either segment of the thoroughfare. The four lane segment has an inadequate subsurface storm drainage system. Pedestrians regular walk from nearby homes to retail areas in the road or on the narrow shoulders which is extremely hazardous.



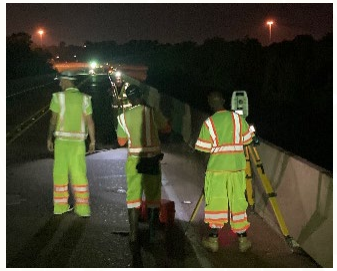

EJES as subconsultant to BALAR assisted with the engineering design of the project which included design of a 0.75 mile long, three lane, urban section of Knight St. between Shreveport Barksdale Hwy. and Preston St. Roadway improvements included construction of approximately 2,000 L.F. of 15" 72" subsurface drainage piping, 34 curb inlets/grate inlets/junction boxes, 22,600 S.Y. of 12" thick crushed concrete base course, 21,000 S.Y. of 8" thick Portland cement concrete pavement, 13,000 S.Y of concrete sidewalks and driveways, and relocation of 3,200 L.F. of 8" water main. An 8' 10' wide multi use concrete trail will be constructed on one side of the new road and a 6' wide sidewalk will be constructed on the other side of the road to facilitate pedestrian movements from residential areas to commercial and retail areas.

Staff Involved: Edwin B. Jones, Sr. PE, (QA/QC Review) | Tanita Gilbert Baker, PE (Senior Civil Engineer) | Shirley Wilson, EI (Civil Designer)

## 17. Firm Experience:

| | | | | | |
|---|---|---|---|---|---|
| Firm name | **NTB Associates, Inc.** | | Past Performance Evaluation Discipline(s)* | | **Survey, Other (SUE), Right-of-Way |
| Project name | **Jimmie Davis Bridge (LA 511) Design-Build** | | | Firm responsibility (prime or sub?) | **Sub** |
| Project number | **H.001779** | Owner's name | **LaDOTD Baton Rouge/ James Construction/ Huval & Associates, Inc.** | | |
| Project location | **Bossier & Caddo Parishes, LA** | | Owner's Project Manager | **Mr. Aaron Dupont** | |
| Owner's address, phone, email | **18484 E. Petroleum Drive, Baton Rouge, LA 70809 (225) 442-6362 adupont@prim.com** | | | | |
| Services commenced by this firm (mm/yy) | **01/22** | | Total consultant contract cost ($1,000's) | | **$1,140** |
| Services completed by this firm (mm/yy) | **On-going** | | Cost of consultant services provided by this firm ($1,000's) | | **$1,140** |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) * If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).



**NTBA** is performing **Static GPS control, topographic and property surveying services, traffic control, utility coordination services, QL A, B, C, & D utility designating/locating, as well as preparing title takeoffs, 60% Right-of-Way Maps, Final Right-of-Way Maps, and legal descriptions** for the design-build project to replace the Jimmy Davis Bridge across the Red River. The scope of this project consists of constructing a new four lane structure carrying LA 511 across the Red River, converting LA 511 (Jimmie Davis Hwy) into a four-lane, median-divided highway on the east side of bridge; as well as providing full access interchanges between LA 511 and Clyde Fant Memorial Parkway and Arthur Ray Teague Parkway. **NTBA** designed and implemented a **Traffic Control Plan** for a bridge closure to verify the horizontal and vertical control set by **LaDOTD** during the original survey and verified the vertical control for both sides by running digital levels across the bridge, which was not performed in the original survey. All of this was completed during night shifts to ensure the safety of employees and the public as well as to avoid traffic disruptions.

**NTBA** performed **property surveys and title take-offs** for approximately 50 properties adjacent to the route and a **property survey** submittal prepared with apparent **right-of-way** shown. **Final Mylar Right-of-Way Maps** have been submitted for 21 parcels requiring **right-of-way taking.** The set included 21 plans sheets and one title sheet.

**NTBA** performed **SUE services to designate all utilities within the project limits.** A **conflict matrix** was created showing the utilities in conflict with the construction. We are coordinating with the utility owners to relocate utilities that conflict with the construction and will monitor the relocation to ensure compliance with relocation plans. **NTBA** is utilizing the Louisiana Department of Transportation Survey and Design Manual Addendum A as well as CI/ASCE Standard 38-02.

**Firm members involved who are in this 24-102:**

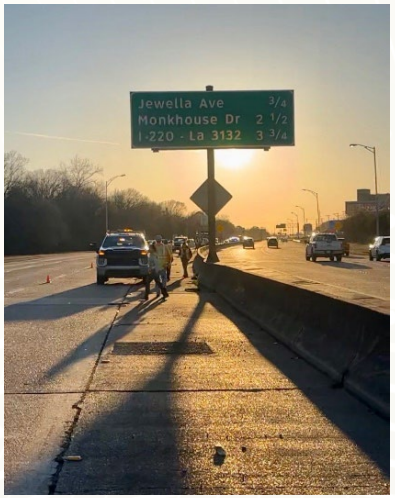
| | | | | |
|---|---|---|---|---|
| **B. Bunch** | **A. Schulze** | **M. King** | **A. King** | **B. Davis** |
| **G. Gilleon** | **I. Jack** | **C. Chapman** | **W. Offer** | **C. Higginbotham** |
| **P. Staiano** | **C. Harlan** | **T. Sitton** | **W. Wales** | |

Prime consultant name here

## 17. Firm Experience:

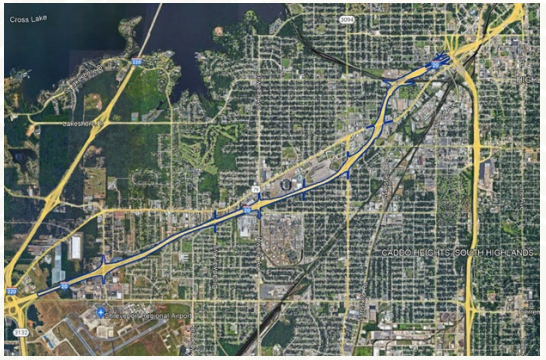
| | | | | | |
|---|---|---|---|---|---|
| Firm name | **NTB Associates, Inc.** | | Past Performance Evaluation Discipline(s)* | **Survey & Other (SUE) | |
| Project name | **I-20: Monkhouse to I-49, Route I-20** | | Firm responsibility (prime or sub?) | **Prime** | |
| Project number | **4400017713/ H.010468.5** | Owner's name | **LaDOTD Baton Rouge** | | |
| Project location | **Caddo Parish, LA** | | Owner's Project Manager | **Mr. Barrett Smith, PLS** | |
| Owner's address, phone, email | **1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1133 barrett.smith@la.gov** | | | | |
| Services commenced by this firm (mm/yy) | **04/22** | Total consultant contract cost ($1,000's) | | **$1,355** | |
| Services completed by this firm (mm/yy) | **04/23** | Cost of consultant services provided by this firm ($1,000's) | | **$1,355** | |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) * If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).




**NTBA** performed **Static GPS Control, topographic surveying services utilizing RTK and conventional surveying and HDS 3D Terrestrial Laser Scanning, Traffic Control, and QL C & D subsurface utility investigation** for interstate rehabilitation. **NTBA** also prepared a **drainage map.** This project was one of the largest **topographic surveys NTBA** has ever been a part of. It consisted of 4.89 miles of interstate, 2.35 miles of side streets, and a drainage area of approximately 990 acres. Surveys and utility investigations were performed along I-20 beginning approximately 4,200 ft. southwest of the intersection of Monkhouse Dr. and I-20 and proceed in a northeasterly direction along I-20 ending at the westerly end of the I-20/I-49 interchange. Areas included Monkhouse Drive, Jewella Avenue, Hearne Avenue, Greenwood Road, Texas Avenue, Kings Hwy, and Lakeshore Drive.

**NTBA** managed our sub-consultant, E.S.P. Associates, P.A., for Mobile Laser Scanning Services of hard surfaces along the route. **NTBA** performed data extraction of mobile scan data for incorporation into Inroads and for Point Cloud delivery. **LaDOTD's** project schedule had an allowable duration of 365 days, but **NTBA** completed in 359 days with one minor comment. This effort took 3,999 field crew hours, 3,448 CADD hours, and 2,250 PLS hours. There were over 70,000 points for the **topographic survey** and over 1,500 drainage structures surveyed for the drainage map. The areas included major thoroughfares, surface streets, railroad rights-of-way, and drainage canals. MicroStation files were the deliverable for the project. All services completed in accordance with the Location and Survey Manual and all currently accepted Location and Survey Automated procedures.



**Firm members involved who are in this 24-102:**

| | | | | |
|---|---|---|---|---|
| **B. Bunch** | **M. King** | **A. King** | **B. Davis** | **C. Higginbotham** |
| **G. Gilleon** | **A. Schulze** | **I. Jack** | **C. Chapman** | |
| **P. Staiano** | **T. Sitton** | **W. Wales** | **W. Offer** | |

## 17. Firm Experience:

| | | | | | |
|---|---|---|---|---|---|
| Firm name | **NTB Associates, Inc.** | | Past Performance Evaluation Discipline(s)* | **Survey & Other (SUE) | |
| Project name | **Walter O. Bigby Carriageway (N. Pkwy Ext.)** | | Firm responsibility (prime or sub?) | **Prime** | |
| Project number | **City Proj. No. 8-15** | Owner's name | **City of Bossier City** | | |
| Project location | **Bossier Parish, LA** | | Owner's Project Manager | **Mr. Mark B. Hudson, PE** | |
| Owner's address, phone, email | **P.O. Box 5337, Bossier City, LA 71171 (318) 465-5801 engineering@bossiercity.org** | | | | |
| Services commenced by this firm (mm/yy) | **05/15** | Total consultant contract cost ($1,000's) | | **$4,900.6** | |
| Services completed by this firm (mm/yy) | **On-going** | Cost of consultant services provided by this firm ($1,000's) | | **$1,313.3** | |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) * If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

**NTBA** provided **control, topographic, property,** and bathymetric surveying services, **QL A, B, C, and D subsurface utility designation/locating, as well as surveys in support of subsurface utility engineering, right-of-way acquisition plats/maps, and legal description preparation** for approximately 2 miles of roadway right-of-way for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge in Bossier City, LA. Bathymetric surveying services were performed to accurately determine the river bottom and channel location in association with the design of a new storm water outfall into the river and separate bathymetric surveying services in support of a levee seepage analysis required by the USACOE. **NTBA** is also responsible for the environmental assessment, public hearings, and conceptual design as well as currently performing Construction Management Support Services. This project is being completed in accordance with the Louisiana Location and Survey Manual, CI/ASCE Standard 38-02, and City of Bossier standards.

The project contains two multi-lane traffic circles with an estimated construction cost of $42.3 million. The area included a major thoroughfare, local streets, riverbanks, levee crossings, and railroad rights-of-way. This project consists of the design of the Walter O. Bigby Carriageway from north of Eatman Street to Benton Road, Walter O. Bigby follows an existing roadway for a portion of the alignment, then continues northward on new alignment between the Red River Levee and Union Pacific Railroad, crosses existing Union Pacific Railroad tracks with a bridge structure and connects to Benton Road at a new signalized intersection. Total project length includes approximately 5,300 feet of reconstructed city streets and 3,600 feet of new four-lane streets, which includes a 1,470-foot bridge structure.

**Firm members involved who are in this 24-102:**

| | | |
|---|---|---|
| **B. Bunch** | **G. Gilleon** | **T. Sitton** |
| **M. King** | **I. Jack** | **W. Offer** |
| **A. Schulze** | **A. King** | |

**17. Firm Experience:**

| | | | |
|---|---|---|---|
| Firm name | **Marrero, Couvillon & Associates, LLC** | Past Performance Evaluation Discipline(s)* | ROAD |
| Project name | Bluebonnet Blvd. Roadway Lighting | Firm responsibility (prime or sub?) | Sub |
| Project number | 19-CP-HC-0034 | Owner's name | East Baton Rouge Parish/City of Baton Rouge |
| Project location | Baton Rouge, LA | Owner's Project Manager | Kate Brady Prejean, P.E. |
| Owner's address, phone, email | 10000 Perkins Rowe, Suite 640, Baton Rouge, LA 70810; 225.368.2818; kbprejean@hntb.com | | |
| Services commenced by this firm (mm/yy) | 07/20 | Total consultant contract cost ($1,000's) | Unknown |
| Services completed by this firm (mm/yy) | 12/20 | Cost of consultant services provided by this firm ($1,000's) | $59 |

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

## Roadway Lighting (RELEVANCE)

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

***Key Personnel: M. Kimball Schlafly, P.E.; Christian Schade, P.E.***

**17. Firm Experience:**

| | | | | | |
|---|---|---|---|---|---|
| Firm name | **Marrero, Couvillon& Associates, LLC** | | Past Performance Evaluation Discipline(s)* | ROAD | |
| Project name | I-10 and Pecue Lane - Lighting | | Firm responsibility (prime or sub?) | | Sub |
| Project number | 09-CS-US-0041 | Owner's name | East Baton Rouge Parish/City of Baton Rouge/LADOTD | | |
| Project location | Baton Rouge, LA | | Owner's Project Manager | Gary McClure (Shread-Kuyrkendall) | |
| Owner's address, phone, email | 13016 Justice Ave, Baton Rouge, LA 70816; 225-296-1335; gmcclure@skaengr.com | | | | |
| Services commenced by this firm (mm/yy) | 07/17 | | Total consultant contract cost ($1,000's) | | $36,000 |
| Services completed by this firm (mm/yy) | 02/21 | | Cost of consultant services provided by this firm ($1,000's) | | $131 |

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

## Roadway Lighting (RELEVANCE)

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

***Key Personnel: M. Kimball Schlafly, P.E.; Christian Schade, P.E.***

**17. Firm Experience:**

| | | | | | |
|---|---|---|---|---|---|
| Firm name | Vectura Consulting Services, LLC | | Past Performance Evaluation Discipline(s)* | Traffic | |
| Project name | Stage 0 Feasibility Study – US 190/Fremaux Avenue Sidewalk Study | | Firm responsibility (prime or sub?) | sub | |
| Project number | H.972462.1 | Owner's name | New Orleans Regional Planning Commission | | |
| Project location | Slidell, LA | | Owner's Project Manager | Nelson Hollings | |
| Owner's address, phone, email | 10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org | | | | |
| Services commenced by this firm | 12/23 | Total consultant contract cost ($1,000's) | | $65 | |
| Services completed by this firm | 07/24 | Cost of consultant services provided by this firm ($1,000's) | | $30 | |

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

Vectura prepared a formal traffic study to determine the feasibility of constructing a sidewalk along US 190 in Slidell, LA. The traffic study examined concepts that improved the safety and efficiency for bicyclists and pedestrians consistent with the latest DOTD policies related to access management and complete streets.

**Task 1 Data Collection**

Vectura collected the following traffic data for 10 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with vehicle classification
- Seven-day pedestrian counts
- Turning movement counts for morning and evening peak periods
- 15-minute driveway counts
- Traffic signal warrants, radar speed studies and sight distance evaluation
- Developed growth rate methodology and AM and PM peak forecast traffic volumes using TransCAD data

**Task 2 Traffic Study**

This task included the following elements:

- Performed Synchro analyses for existing conditions
- Performed Synchro analyses for implementation and design years
- Developed draft traffic study report

**Task 3 Safety Analyses**

- Developed three-year crash analyses report as per DOTD standards

**Personnel Utilized on this project: Kristen Farrington, Gustavo Clavijo, Cade Nelson, Brin Ferlito and Laurence Lambert (100% performed in Louisiana)**

## 17. Firm Experience:

| | | | | | |
|---|---|---|---|---|---|
| Firm name | Vectura Consulting Services, LLC | | Past Performance Evaluation Category(ies)* | Traffic | |
| Project name | US 11 (Front St.) at US 190 Bus. (Fremaux Ave.) Traffic Study | | Firm responsibility (prime or sub?) | sub | |
| Project number | N/A | Owner's name | City of Slidell | | |
| Project location | Slidell, LA | | Owner's Project Manager | Eric Lundin | |
| Owner's address, phone, email | 250 Bouscaren St. Slidell, LA 70458, 985-646-4320, elundin@cityofslidell.org | | | | |
| Services commenced by this firm | 9/17 | Total consultant contract cost ($1,000's) | unknown | | |
| Services completed by this firm | 11/17 | Cost of consultant services provided by this firm ($1,000's) | $38.8 | | |

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

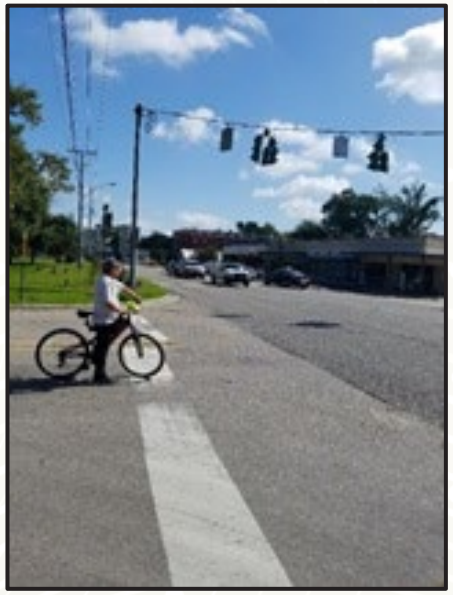
**Data Collection**

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

**Draft Traffic Study**

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

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



**Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, and Bridget Robicheaux (100% performed in Louisiana)**

**17. Firm Experience:**

| | | | | | |
|---|---|---|---|---|---|
| Firm name | Vectura Consulting Services, LLC | | Past Performance Evaluation Category(ies)* | Traffic | |
| Project name | South Range Road Safety and Operational Enhancements Stage 0 | | Firm responsibility (prime or sub?) | Prime | |
| Project number | T-1.24RR | Owner's name | New Orleans Regional Planning Commission | | |
| Project location | Tangipahoa Parish, LA | | Owner's Project Manager | Nelson Hollings | |
| Owner's address, phone, email | 10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org | | | | |
| Services commenced by this firm | 12/23 | Total consultant contract cost ($1,000's) | $55 | | |
| Services completed by this firm | 07/24 | Cost of consultant services provided by this firm ($1,000's) | $40 | | |

The purpose of this study was to conduct a corridor analysis along this portion of Range Road in the Hammond area of Tangipahoa Parish. This study examined the specific operating conditions of the intersection of Old Covington Highway and Range Road, land uses and operations or nearby trip generating land uses, and to identified conceptual, feasible improvements at and adjacent to the intersection that would enhance the safety and operations of all roadway users of said corridor.

**Task 1 Data Collection**

Vectura collected the following traffic data for 10 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with vehicle classification
- Seven-day pedestrian counts
- Turning movement counts for morning and evening peak periods
- 15-minute driveway counts
- Traffic signal warrants, radar speed studies and sight distance evaluation
- Developed growth rate methodology and AM and PM peak forecast traffic volumes using TransCAD data

**Task 2 Traffic Study**

This task included the following elements:

- Performed Synchro analyses for existing conditions
- Performed Synchro analyses for implementation and design years
- Developed draft traffic study report

**Task 3 Safety Analyses**

- Developed three-year crash analyses report as per DOTD standards

**Personnel Utilized on this project: Kristen Farrington, Gustavo Clavijo, Cade Nelson, Reece Rodrigue, Brin Ferlito and Laurence Lambert (100% performed in Louisiana)**

17. **Firm Experience:**

| | | | | | |
|---|---|---|---|---|---|
| Firm name | Ardaman & Associates, Inc. | | Past Performance Evaluation Discipline(s)* | Geotech | |
| Project name | **I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167)** | | Firm responsibility (prime or sub?) | Sub | |
| Project number | SP No. H.004273.5 | Owner's name | LADOTD (Client: Stantec) | | |
| Project location | Lafayette 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) | 07/15 | Total consultant contract cost ($1,000's) | | $21,000 | |
| Services completed by this firm (mm/yy) | Ongoing | Cost of consultant services provided by this firm ($1,000's) | | $1,889 | |

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

PROJECT DESCRIPTION

The overall project includes construction of a freeway with accompanying interchanges in the Evangeline Thruway US 90/US 167 corridor and flanking collector/distributor roads for local traffic circulation and land access. The project begins just south of the Lafayette Regional Airport and continues north to the I-10/US 167/I-49 interchange, a length of approximately five miles, 3.5 of which consist of elevated structure. The project includes one three-level directional interchange at Kaliste Saloom Road (majority of interchange on structure); two full diamond interchanges at University/Surrey Street and Willow Street; two single point diamond interchanges at Johnston Street and 2nd/3rd Streets with associated railroad grade separations and arterial cross street studies involved; and various cross street connections at Pinhook Road, Jefferson Street, Mudd/Simcoe Street, Donlon Street, Castille/Martin Luther King Road and several minor streets.

The scope of services for this project includes preconstruction engineering design and related services for the construction of 5 miles of freeway consisting of a 3.5 mile-elevated structure that will include pile supported approach slabs, pile foundations, slope stability, pavement recommendations, embankment settlement, development of an advanced load test program, earth retaining structures, pavement design recommendations, and development of a design report presenting the geotechnical recommendations. The goal of the project is to design and construct the freeway and connecting infrastructure within the parameters and commitments of the selected alternative. Ardaman is currently conducting the geotechnical field investigation which consists of approximately 400 deep and shallow borings and Cone Penetrometer (CPT) soundings (including field reconnaissance, gaining rights of entry, completing utility location, GPS location and water table elevations), laboratory testing, and geotechnical engineering analyses and design for this project.

FIRM MEMBERS

Robert Jewell, Megan Bourgeois, Ross McGillivray, Robert Rousset, Jarmon King, Donald Anthony, Jessica Litt

17. **Firm Experience:**

| | | | | | |
|---|---|---|---|---|---|
| Firm name | Ardaman & Associates, Inc. | | Past Performance Evaluation Discipline(s)* | Geotech | |
| Project name | **Nicholson Drive (LA HWY 30) Segment 1** | | Firm responsibility (prime or sub?) | Sub | |
| Project number | SP. No. H.002825 | Owner's name | LADOTD | | |
| Project location | East Baton Rouge 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) | 06/20 | Total consultant contract cost ($1,000's) | | $9 | |
| Services completed by this firm (mm/yy) | 10/20 | Cost of consultant services provided by this firm ($1,000's) | | $9 | |

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

PROJECT DESCRIPTION

The project consisted of the reconstruction and widening of a section of Nicholson Drive between the intersections of Brightside Lane and Burbank Drive. Ardaman performed a geotechnical investigation to analyze the existing soil conditions at the cross-drain locations. This information was supplemented with existing soil boring logs from previous investigations to provide the pavement design recommendations.

The field investigation, conducted in accordance with the MOVEBR Design Guidelines, included thirteen (13) shallow soil borings and two (2) deep soil borings. The shallow soil borings were drilled to a depth of 6 feet below existing ground surface (bgs) and the deep soil borings were terminated at 40 feet in depth.

Laboratory testing was performed on select samples. The engineering analyses included earthwork considerations, culvert recommendations, including bedding and bearing capacity, and pavement recommendations in accordance with LADOTD specifications.


FIRM MEMBERS

Robert Jewell, Megan Bourgeois, Robert Rousset, Jarmon King

17. **Firm Experience:**

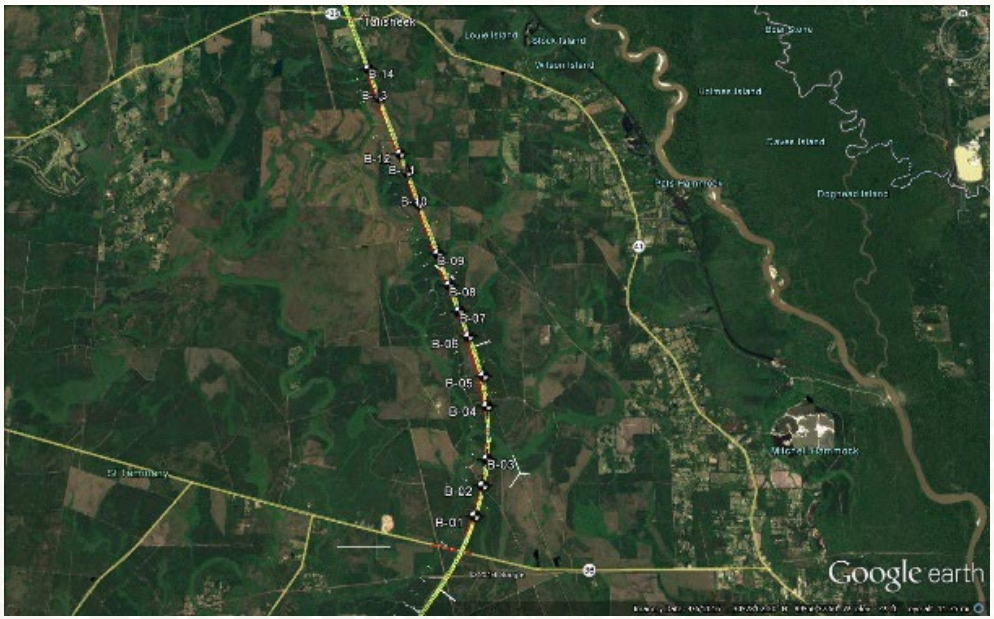
| | | | | | |
|---|---|---|---|---|---|
| Firm name | Ardaman & Associates, Inc. | | Past Performance Evaluation Discipline(s)* | Geotech | |
| Project name | **I-12 to Bush – Route LA 3241 (LA 36 – LA 435) Segment 2** | | Firm responsibility (prime or sub?) | Sub | |
| Project number | SP No. H.004435 | Owner's name | LADOTD (Client: Shread-Kuyrkendall) | | |
| Project location | St. Tammany 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) | 04/14 | Total consultant contract cost ($1,000's) | | $3,197 | |
| Services completed by this firm (mm/yy) | Ongoing | Cost of consultant services provided by this firm ($1,000's) | | $460 | |

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

PROJECT DESCRIPTION

As part of the TIMED Program, the project consists of design of a new highway which ties into I-12 at the existing I-12/LA 434 Interchange (Exit 74) and proceeds northerly along LA 434 for approximately 2.5 miles then leaves the existing highway and proceeds on new alignment until it connects with an abandoned railroad corridor approximately 1.7 miles north of LA 36. The alignment then follows the abandoned railroad alignment north and ties into the intersection of LA 40 and LA 41. The project is divided into three distinct project segments for which Ardaman was on the teams selected for Segments 2 and 3.

Segment 2 consists of an 8-mile alignment between LA 36 and LA 435 including two bridge structures and 8 culvert structures. The field investigation, conducted in accordance with LADOTD specifications, included field reconnaissance including access and gaining rights of entry, completing utility locations, locating/staking boring locations, and developing a plan for the initial mobilization of equipment to the site and mobilization between sites. The project consisted of 32 deep soil borings, 10 intermediate culvert borings, and 88 shallow roadway borings, sampling, and laboratory testing along the alignment. Global Positioning System (GPS) data was collected at each soil boring location along with groundwater level readings.




Soil boring logs were created in LADOTD format. Ardaman also provided geotechnical analyses and recommendations according to LRFD guidelines that included recommended pile capacities, culvert bearing capacities, embankment settlement analyses, and a pile data table.

FIRM MEMBERS

Robert Jewell, Megan Bourgeois, Robert Rousset, Donald Anthony

AECOM

# Section 18

## Nicholson Corridor Plan and Traffic Study (LSU Nicholson Gateway), LA

Completed in December 2012, AECOM led the master plan for the Nicholson Gateway Corridor that will transform the 28-acre Nicholson Drive Corridor to a vibrant, exciting gateway district. The plan envisions, a new mixed-use retail, housing center in a town center environment near Skip Bertman Drive and North Stadium Drive that is designed to attract students, sports fans and the surrounding community. The transportation element was led by AECOM's transportation staff in Baton Rouge. LSU's goal was to transform the Nicholson Drive corridor within the limits of the campus by improving pedestrian mobility and providing accommodations for bicycle and transit, including the envisioned TramlinkBR project.

Kings Highway is a four-lane urban collector roadway that runs through an area of Shreveport that is poised for significant investment and redevelopment. The City of Shreveport won a $22 million federal RAISE grant to redevelop Kings Highway through the Healthcare and Development Corridor. Along with the streetscape improvements, the adjacent medical facilities on the corridor plan to invest an additional $300 million in their respective facilities. The improvements along this corridor, along with the proposed Bus Rapid Transit (BRT) route, provide the opportunity to transform the corridor into an inviting place for the community that connects the major healthcare facilities and associated development to support all modes of transportation.

## Project Schedule

The schedule for this project is critical as the project needs to be in construction by 2026. We have developed a two-prong approach to schedule completion. These strategies are above and beyond the tools and techniques that AECOM already makes use of, including detailed scheduling, earned value tracking, and getting well ahead of identified risks.

The first strategy is in working with the USDOT on the grant schedule. Because the tie to the Bipartisan Infrastructure Law (BIL), an extension under the next administration cannot be counted on. FY 2022 RAISE grant funds are available for obligation only through September 30, 2026. From our extensive work with the federal program, we are confident that completing the environmental review and finalizing a few administrative details will allow us to obligate the funds successfully. We aim to design a project that qualifies for environmental clearance under a simple Categorical Exclusion. The AECOM team has experience flexing the process to expedite funding obligation, as demonstrated by our work on the BRT project in Columbus, Ohio, where the USDOT is pushing to obligate grant funds without full NEPA approvals. We are also leading the work for the Omaha BRT system, which is funded by a Build Grant which operates like the RAISE program.

The second strategy is about our approach to the design work. We have completed rapid-build designs before and will apply the same principles to Kings Highway. The AECOM team is prepared to Work at Risk to get off to a great start. It is our intention to start as soon as possible, if allowed by the City and the State, at least to start on data collection. The recent streetcar expansion projects had similar critical schedule issues, tied to deadlines in the ARRA funding and a scheduled Superbowl. AECOM was hired by the New Orleans Regional Transit Authority to progress 60% Plans to 100% Construction Documents within 100 days to start construction prior to the date prescribed in the grant. The Rampart Streetcar project also required a similar accelerated schedule to progress plans from 30% to 100% within 160 days. AECOM scaled its team to meet the requirements of the project schedule. To reduce review time during submittals, we held design workshops with utilities and other agencies who review the plans to provide comments. The Rampart Streetcar Project won the 2018 ENR Award of Merit for Airport/Transit.

AECOM, including many of the local team members, work on design-build projects and other very fast-paced projects. We will bring the same tools and focus to this endeavor to meet the grant deadlines. A good example of this is when the DOTD and its design-builder greatly changed the design for the US90/ LA318 interchange in St. Mary Parish and needed to obtain new NEPA approvals. AECOM completed an Environmental Assessment in only four months, and the approvals came in time.

Lastly, we have an extensive network of specialists who can handle anything that may arise. For example, we recently hired a biologist in Louisiana that specializes in bats, to help our clients address potential effects to the tricolor bat, which the U.S. Fish and Wildlife Service proposed to list as an endangered species. We have over 200 employees in the State, most of whom are professional engineers. We are supported by 72,000 staff, dozens of whom are familiar with working in Louisiana on municipal projects.

## The Team

**PROJECT MANAGEMENT**

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

AECOM has developed a very strong team for this pursuit, and we are confident in each persons' ability to work efficiently and collaboratively on this project. The team, and each of its firms, have extensive understanding of DOTD projects as well as years of experience in Shreveport. Our Project Manager, Jonathan McDowell, PE has been the lead engineer and a Project Manager on the New Orleans streetcar projects which presented many similar issues as on Kings Hwy. He also was a technical lead on the Jimmie Davis Bridge and College Drive projects. With over 22 years of urban road design projects with transit facilities throughout Louisiana, Jonathan has the experience to properly lead this project.

ATG brings expertise in the corridor's safety conditions from their work on the Regional Active Transportation Plan, while EJES offers in-depth knowledge of Shreveport's Standard Plans for Infrastructure Improvements. AECOM and all of our partners are familiar with the DOTD Roadway Design and Procedures and Details Manual Plan Preparation Manual.

## Approach to the Project

The pavement condition on Kings Highway is poor except where resurfaced, the sidewalks are a mix of materials and grades with vestigial driveway cuts, street markings are wearing off (especially at the marked crosswalks), and ADA access is less than currently required. Thankfully, City Engineer David Smith and his team already addressed the natural springs that were causing erosion and pavement failures.

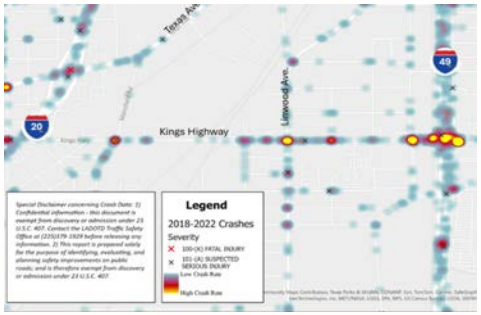



*Figure 1. Crash heat map*

From 2018-2022, there were 322 crashes on Kings Highway just between I-20 and I-49. There is a low number of severe and fatal crashes, mostly due to the lower speeds through this corridor. Most of the crashes are rear ends and sideswipes, which are often caused by quick lane changes. Almost half of the crash reports noted inattention and distraction as a cause. This can be addressed with pronounced crossings, new markings, signals and flashers where warranted, and perhaps painted crosswalks or public art. Figure 1 above shows a heat map of crashes along the corridor.

For Task 2, Vectura and ATG staff will lead the collection of traffic and safety data, already having many of the data from their current projects in Shreveport. Task 2 also asks for detailed site investigations to document gaps in ADA accessibility, site triangles and other conditions. These data will be analyzed on Task 3. The AECOM team is very proficient with such, completing SS4A and other related projects nationwide. We will provide crash data summaries, a summary of concerns, and potential countermeasures supported by a complete CARTS Tool and Collision diagrams. As part of Subtask 5.4, identification and analysis of the potential BRT ridership will inform final recommendations and help to blend this high capacity, high frequency into the overall SporTran network. The team will utilize several tools to meet requirements for project development which leverage investment in the BRT corridor and improve transit connectivity and regional transit travel times. As the leader in BRT system planning and design, AECOM has over $1 billion of BRT projects operating in North America. Each project is represented by a blue dot on the map shown here. AECOM and ATG have worked together on several BRT projects integrated traffic and transit modeling and simulations.

## Corridor Analysis

Although the corridor vision is somewhat clear and the conceptual route for the BRT is known, there are several design decisions remaining to be made. We intend to expeditiously move through Task 5, the Alternative Analysis and Selection. Our work on College Drive in Baton Rouge involved balancing extensive analysis and lengthy federal approvals with the immediate design and construction of smaller projects under local jurisdiction.

*Figure 2. AECOM's Portfolio of BRT Projects.*

Potential Alternatives will be composed of complementary improvements and safety countermeasures developed in Task 5. This will not be a conventional Alternatives Analysis because several of the potential improvements at intersections can be mixed and matched with other improvements so long as they are consistent with the overall lane configuration on the corridor. The benefits and costs of various countermeasures will be documented separately, so that stakeholders can better understand what mix of options is achievable within the budget. Alternatives will not be debated at length as the route for the BRT is not a matter for reconsideration and the cross-section options on Kings Highway are limited to only two, or maybe three. Our alternatives will presumably include three and four lane options, proposed BRT stop locations, sidewalk improvements, refuge islands, curb treatments, signal preemption, pedestrian signal improvements (accessible pedestrian signals), leading pedestrian intervals, signing and striping improvements.

With three buses running during the peak, the headway between buses will be less than 10 minutes. Transit signal preemption has more benefits with a queue jump that allows the transit vehicles to 'skip the line.' We would only want to acquire ROW where it is not going to delay the environmental approval or land acquisition. Through our initial research, we have identified strategies to implement queue jumps at key locations. A westbound queue jump at Samford Avenue appears feasible, as the property with the berm is owned by DOTD. While the receiving lane for this queue jump presents a challenge, the eastbound approach may not require a right-turn lane. Additionally, state-owned land could support a queue jump at Kings Highway and Portland Avenue.

ReForm Shreveport shows a bike lane and very wide sidewalk on Kings Highway, which reduces the Highway to one lane in each direction with a center turn lane.

AECOM has applied the FHWA road diet evaluation in Louisiana several times for various clients and can quickly determine the feasibility of a three-lane diet. We suspect that the turning movements may be too numerous. Also, having worked on Master Plans for the medical districts in New Orleans and elsewhere, we have an appreciation for the need for easy access by emergency vehicles. We also appreciate multi-modal streets and providing safe mobility options for all users. The Lakeshore Drive project in New Orleans is a recent AECOM design, reducing a four-lane road to three and adding raised pedestrian crossings with refuges and flashing signals (RRFB). (shown here). A draft of the Regional Active Transportation Plan is being developed by the NLCOG with support from the same ATG staff that will work on Kings Highway. The draft does not include a specific recommendation for a bike lane or cycle track on Kings Highway. FHWA advises that roadways with AADT of 20,000 or less may be good candidates for a Road Diet and should be evaluated for feasibility. The NLCOG Travel Demand Model shows only 15,800 AADT in 2040. We will work with City leaders and the experts at DOTD to determine the best cross section that satisfies the need for vehicular mobility, pedestrian safety, emergency vehicle access, and bicycling.

We suggest that PTV's Vissim software may be the best tool for the traffic analysis and will discuss the trade-offs during the Task 1 Kick-Off Meeting. We want to have the ability to show simulations of the corridor with the BRT operating under different scenarios. We propose using Viswalk at major crossings, to demonstrate pedestrian flows and the capacities of the crossings and landings.

*Figure 3. AECOM's raised crossings on Lakeshore Drive*

## Final Design

AECOM will prepare preliminary geometric layouts depicting horizontal and vertical location of the proposed roadway in relation to existing topography for geometric design criteria to be used by potential bidders. We recently completed the road and bridge design for the LA 23 crossing over the Mid Barataria Sediment Diversion in Plaquemines Parish. We are currently performing Final Design on Phase 1 of the College Drive Enhancements in Baton Rouge. Our teams also participated on the I-635 Improvements in Dallas, TX and Southeast Connector Design Build. The scope or work includes the design of a proposed Bus Rapid Transit route which will include but not limited to stations and stops signage, and striping. Proposed stops include Oschner LSU Health Main Campus, BRF, Willis-Knighton, and six secondary bus stops TBD.

Finally, the 90% design phase aims to finalize the design and prepare for construction. Comprehensive plans and specifications are developed, reflecting nearly complete designs ready for permitting. Our proposed project manager, Jonathan McDowell has been developing roadway plans in Louisiana for nearly 30 years, with extensive experience advancing projects from concept to construction. The schedule shown below represents a fairly typical progression, and how the AECOM team will achieve the City, State, and Federal goals for this project.

## Engagement

The key to good engagement is a passionate team that truly cares about the outcomes for the community. The team assembled here provides several outreach staff to assist from the in-person engagement in Shreveport, to the digital work on virtual meeting rooms, online comment tracking and other tools. AECOM, EJES, and ATG have staff that are trained as engineers and planners, but also lead frequent public meetings and workshops. We are already looking forward to completing Task 4, the On-Site Field Visits. We have done many similar events from casual walk-abouts with neighbors to group exercises like pedestrian audits and pedestrian crossing demonstrations with local leaders pushing baby stroller or walkers.

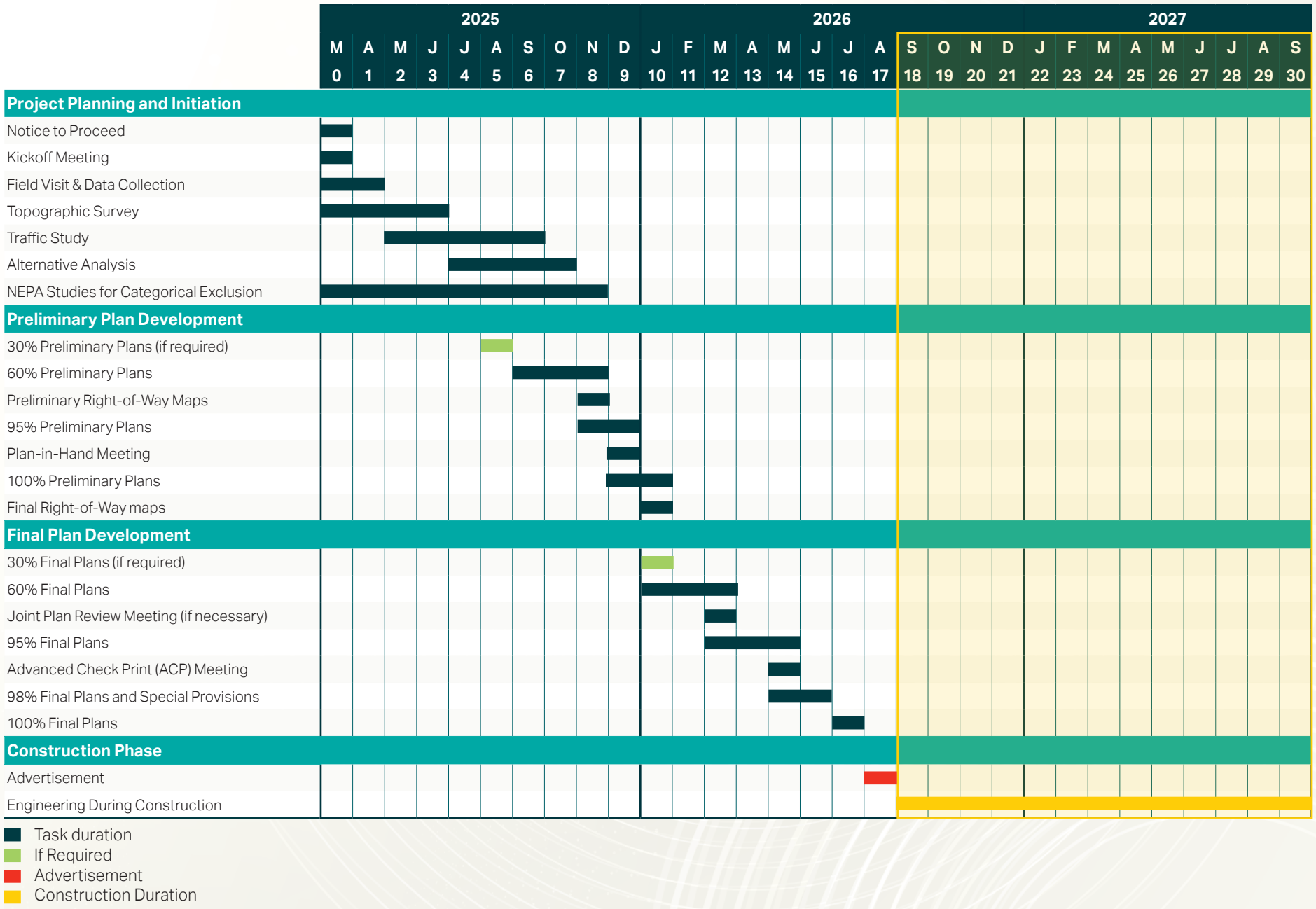
Shirley Johnson, with EJES, serves as those boots-on-the-ground person in Shreveport and worked extensively with ATG on recent transportation public campaigns in Shreveport. Several firms will have staff in attendance at all public events. Abby Tomlinson will develop the overall outreach strategy and is proficient at right-sizing outreach and at ensuring it is concurrent with project development rather than delaying project development.

## Recent AECOM Awards

- 2018 ENR Texas/Louisiana Award of Merit (Airport/Transit) - Rampart Streetcar Project
- 2021 AASHTO Communications Award – I-49 Lafayette Connector
- 2022 Port Authorities of America Award – Inner Harbor Plan Public Engagement
- 2024 ENR Texas/Louisiana Award (Best Airport/Transit Project) - Nashville Avenue Terminal Conversion to Container, Crane Rail Extension

The schedule shown on the following page represents a fairly typical progression, and how the AECOM team will achieve the City, State, and Federal goals for this project.

# Project Schedule



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# Section 19

## Loyola Streetcar and Station Planning and Design Services

AECOM provided final design and construction support services for the addition the Loyola line in New Orleans. The new line runs in shared traffic lanes of Loyola Ave. and connects the existing Canal Streetcar Line to a new intermodal facility at the Union Passenger Terminal (UPT), which connects to Amtrak inter-city rail routes, Greyhound bus service, NORTA urban bus routes and future commuter rail service. This extension improves mobility in the CBD and the French Quarter by linking the French Quarter, Riverfront Streetcar, Convention Center and CBD. The AECOM team developed design-bid-build construction procurement documents on a 90-day schedule to respond to the time constraint of the TIGER Grant financing. Design elements include track alignment and track structure design, passenger stations, improvements at the UPT intermodal facility, utility relocations, traction power, traffic control, communications, and the coordination of systems interfaces with the existing streetcar system.

**19. Workload:**

| Firm(s)<br>ALL FIRMS MUST BE REPRESENTED IN THIS TABLE | Past Performance Evaluation Discipline(s) | Contract Number and State Project Number | Project Name | Remaining Unpaid Balance |
|---|---|---|---|---|
| AECOM | Bridge | 4400021593, H.009859.5 | Bridge Load Rating | $1,325,001 |
| | Planning | 4400004128, H.004273.5 | I-49 Connector | $522,636 |
| | Traffic | | | $34,207 |
| | Road | | | $14,923 |
| | Bridge | | | $247,989 |
| | Environmental | | | *$250,000 |
| | Bridge | 4400023921, H.011993.5 | LA 10 Bayou Carron | N/A |
| | Bridge | 4400023921, H.001970.5 | LA 561 Boeuf River Bridge | N/A |
| | Bridge | 4400023434, H.000445 | US 190 UPRR Overpass Near Opelousas | $3,555,108 |
| | Bridge | 4400023921, H.013832 | LA 61 Grand Ecore Bridge Deck Repair | $94,660 |
| Ardaman & Associates, Inc. | Geotech | 44-4128; H.004273 | I-49 Connector, Lafayette | $491,353 |
| | Geotech | 44-18899; H.004791 | LA 23: Belle Chasse Bridge & Tunnel (HBI) | $110,726 |
| | Geotech | 44-1960; H.013897 | I-10/I-12 College Drive Flyover Ramp | $111,743 |
| | Geotech | 44-19013; H.004100.5 & .6 | I-10 CMAR Design Continuation: LA 415 TO ESSEN ON I-10 & I-12 | $301,929 |
| | Geotech | H.04435 | I-12 to Bush Construction Phase | $47,956 |
| | Geotech | 44-8671; H.009266 | I-10 Widening: LA 73 to LA 30 | $26,051 |
| | Geotech | 44-19013; H.002244.5 | Boudreaux Canal Bridge (LA 56) | $18,088 |
| | Geotech | 44-17438; H.013284 | MRB GBR LA 1 to LA 30 Connector | $90,833 |
| | Geotech | 44-25025; H.015337, H.015452-63, H.015489-92 | Rural Bridge Replacement | $269,448 |
| | Geotech | 44-24652; H.012842.5 | LA 124 Ext. Near Larto Lake | $4,907 |
| | Geotech | 44-24652; H.014265.5 | N River Road Irving Branch | $4,649 |
| | Geotech | 44-24652; H.012533.5 | LA 1252 Bayou Pt Brule Bridge | $8,483 |
| ATG / DCCM | Traffic | H.013897 | LADOTD College Drive OVS | $79,776 |
| | Planning | DOA PO No. 2000603721 | LADOTD TASSO 2022-2025 | $154,935 |
| | Planning | 3669249 | STAT2022 | $213,158 |
| | Traffic | Contract 4400026587 | LADOTD Jimmie Davis Bridge OVS | $57,000 |

*Change order currently in negotiation*

| Firm(s)<br>ALL FIRMS MUST BE REPRESENTED IN THIS TABLE | Past Performance Evaluation Discipline(s) | Contract Number and State Project Number | Project Name | Remaining Unpaid Balance |
|---|---|---|---|---|
| EJES INCORPORATED | Bridge | Contract No. 4400025024 and SPN H.015336 | Infrastructure Investment and Jobs Act Off System Bridge Program District 04 | $225,000 |
| | Bridge | Contract No. 4400025025 and SPN H.015337 | Infrastructure Investment and Jobs Act Off System Bridge Program District 05 | $186,000 |
| MCA Engineering & Construction | Road | H.015052 | I-20 Widening Overlay | $320,028 |
| NTBA SURVEY. DESIGN. BUILD. SUCCEED. | Right-of-Way | 4400019338<br>Multiple SP Nos. per bridge | Contract for Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (Sub to Waggoner) | $47,324 |
| | Right-of-Way | 4400019337<br>Multiple SP Nos. per bridge | Contract for Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (Sub to BKI) | $77,228 |
| | Right-of-Way | 4400025041<br>Multiple SP Nos. per bridge | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program (Sub to Waggoner) | $4,018 |
| | Survey | 4400027686<br>H.008768.5 | IDIQ Contract for Hydrographic Surveying Services – Task Order No. 1 – Fall Bridges | $39,601 |
| | Other (SUE) | 4400026587<br>H.001779 | Jimmie Davis Bridge (LA 511) (HBI) Design Build Project, Bossier Parish (Sub to James Construction/ Huval & Associates, Inc.) | $92,500 |
| | Survey | 4400017713<br>H.004100.5 | IDIQ Contract for Professional Topographic Surveying Services – Task Order 12 – I-10: LA 415 to Essen on I-10 & I-12 | $65,200 |
| | Right-of-Way | 4400027918<br>H.015576 | IDIQ Contract for Professional Boundary Surveying Services – Task Order 1 – LA 447 & LA 1025 Roundabout | $73,894 |
| | Right-of-Way | 4400027918<br>H.013817 | IDIQ Contract for Professional Boundary Surveying Services – Task Order 2 – LA 117: Improvements LA 8 to LA 118 | $96,250 |
| VECTURA CONSULTING SERVICES, LLC | CE&I/OV | 4400020018, H.007160 | EBR Computerized Traffic Signal, Ph VB | $78,510 |
| | Traffic | H.004791 | Belle Chasse Bridge & Tunnel Replacement PPP | $14,740 |
| | Traffic | 4400021519, H.012030.5 | KCS RR Overpasses HBI | $572 |
| | Traffic | 4400023075, H.013522 | S. Lewis Street Widening | $7,499 |
| | ITS | 4400016364, H.015136.4 | Northshore Regional ITS Architecture Update | $11,421 |
| | ITS | 4400017922, H.012845.1 | C/AV Team and Working Group Support | $9,482 |
| | ITS | 4400017922, H.014515.5 | SEA ATMS and 511 System | $12,868 |
| | ITS | 44000020058, H.011507.1 | Monroe Phase 3 SEA | $29,217 |
| | Traffic | 4400018271, H.014746.5 | LA 383 Stage 0 Corridor Study | $20,146 |

(Add rows as needed) DO NOT SUM

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# Section 20

**20. Certifications/Licenses:**

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

AECOM

# CERTIFICATIONS

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Vice President of Education and Technical Services

New Orleans, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Vice President of Education and Technical Services

New Orleans, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Director of Training

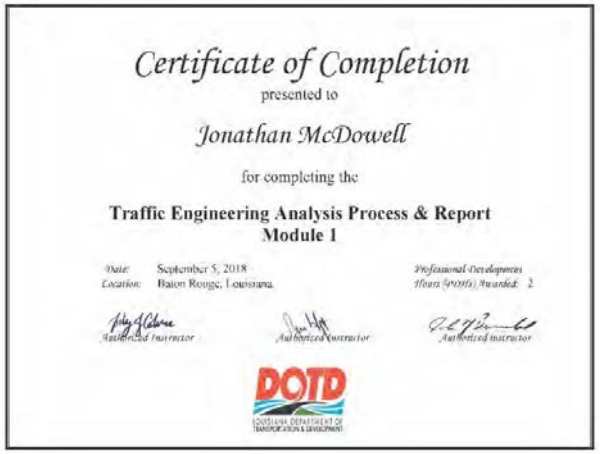
Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

# CERTIFICATIONS



Certificate of Completion

presented to

Jonathan McDowell

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 1**

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

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Certificate of Completion

presented to

Jonathan McDowell

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 2**

Date: September 17, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Certificate of Completion

presented to

Jonathan McDowell

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 3**

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Certificate of Completion

presented to

Gregory Trahan

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 1**

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

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Certificate of Completion

presented to

Gregory Trahan

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 2**

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Certificate of Completion

presented to

Gregory Trahan

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 3**

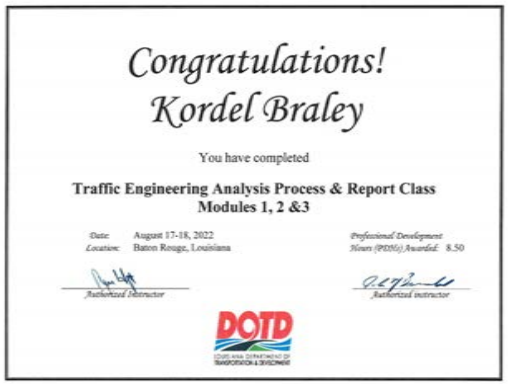
Date: October 29, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

# CERTIFICATIONS



Congratulations!
Kordel Braley

You have completed

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

Date: August 17-18, 2022
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 8.50

Authorized Instructor
Authorized Instructor

DOTD

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

Authorized Instructor
Authorized Instructor
Authorized Instructor

DOTD

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

Authorized Instructor
Authorized Instructor
Authorized Instructor

DOTD

Certificate of Completion

presented to

Peter Bakhit

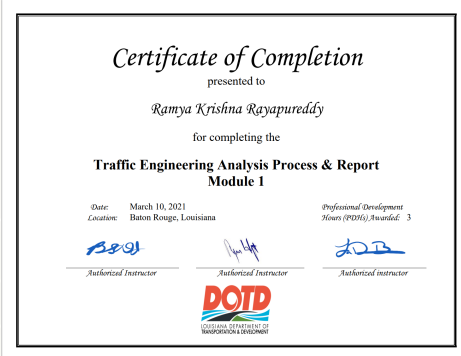
for completing the

**Traffic Engineering Analysis Process & Report**
**Module 3**

Date: July 2, 2019
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor
Authorized Instructor
Authorized Instructor

DOTD



Certificate of Completion

presented to

Ramya Krishna Rayapureddy

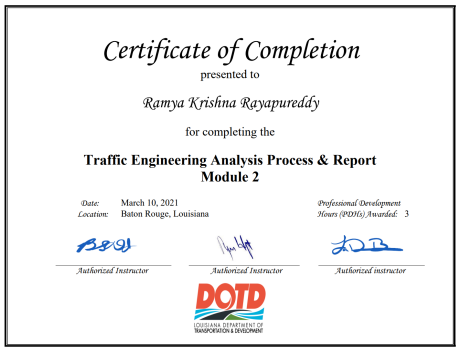
for completing the

**Traffic Engineering Analysis Process & Report**
**Module 1**

Date: March 10, 2021
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor
Authorized Instructor
Authorized Instructor

DOTD



Certificate of Completion

presented to

Ramya Krishna Rayapureddy

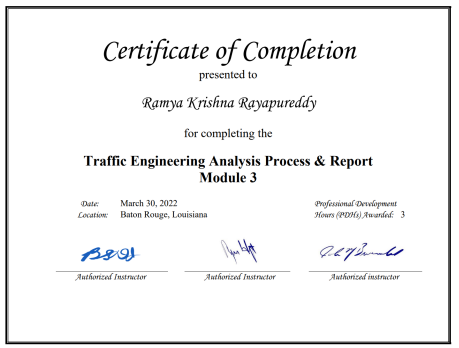
for completing the

**Traffic Engineering Analysis Process & Report**
**Module 2**

Date: March 10, 2021
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor
Authorized Instructor
Authorized Instructor

DOTD



Certificate of Completion

presented to

Ramya Krishna Rayapureddy

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 3**

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

Authorized Instructor
Authorized Instructor
Authorized Instructor

# CERTIFICATIONS

The Transportation Professional Certification Board

Certifies that

Dr. Peter Bakhit, P.E., PTOE

successfully renewed the Professional Traffic Operations Engineer® certification

Original Certification Date: 7/9/2024

Certification Valid Through: 7/9/2027

Jeffrey F. Paniati,
Executive Director and CEO

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

Certification Number: 5713

The Transportation Professional Certification Board

Certifies that

Gregory Dale Trahan, P.E., RSP1

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

Original Certification Date: 3/14/2022

Certification Valid Through: 3/14/2025

Jeffrey F. Paniati,
Executive Director and CEO

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

Certification Number: 833

Transportation Professional Certification Board Inc.

certifies that

Kordel Thomas Braley

has met all of the requirements established by the Certification Board to use the title of

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

unless withdrawn by the Certification Board and subject to the provisions for renewal.

Certificate number 3173 issued in Washington, D.C., U.S.A.

November 22, 2011

Steven D. Hofeller
Chair

PTOE

Executive Director

ATG

DCCM

# CERTIFICATIONS

*Certificate of Completion*

presented to

*Brandon Perilloux*

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 1**

*Date:* February 25, 2019 *Professional Development*
*Location:* Bridge City, Louisiana *Hours (PDHs) Awarded:* 2

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*

presented to

*Brandon Perilloux*

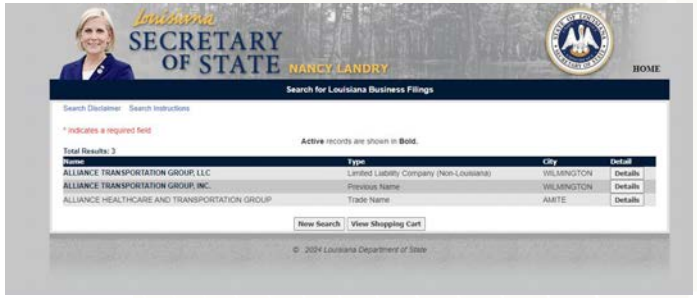
for completing the

**Traffic Engineering Analysis Process & Report**
**Module 2**

*Date:* February 25, 2019 *Professional Development*
*Location:* Bridge City, Louisiana *Hours (PDHs) Awarded:* 3

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT




*Certificate of Completion*

presented to

*Brandon Perilloux*

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 3**

*Date:* February 26, 2019 *Professional Development*
*Location:* Bridge City, Louisiana *Hours (PDHs) Awarded:* 3

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

# CERTIFICATIONS

LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 11/12/2024the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Bryan Keith Joseph
1328 West Esplanade Avenue, Apt. O
Kenner, Louisiana 70065


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

**Disclaimer**
All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.





**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 |
|---|---|---|---|
| EJES INCORPORATED | Business Corporation (Non-Louisiana) | MURPHY | Active |

**Previous Names**

**Business:** EJES INCORPORATED
**Charter Number:** 34996264F
**Registration Date:** 10/9/2000
**Domicile Address**
1316 PARKVIEW LN
MURPHY, TX 75094
**Mailing Address**
201 WILKINSON STREET
SHREVEPORT, LA 71104
**Principal Business Office**
201 WILKINSON STREET
SHREVEPORT, LA 71104
**Registered Office in Louisiana**
201 WILKINSON STREET
SHREVEPORT, LA 71104
**Principal Business Establishment in Louisiana**



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 11/12/2024the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Edwin Bernard Jones
1316 Parkview Lane
Murphy, Texas 75094


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

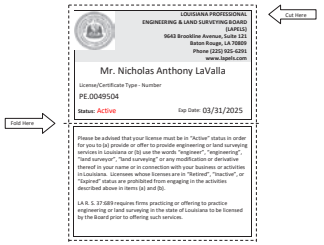
**Disclaimer**
All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 11/12/2024the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Nicholas Anthony LaValla
105 Gardenia Lane
Belle Chasse, Louisiana 70037




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

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# CERTIFICATIONS

LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 11/12/2024 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Ms. Shirley DeRose Wilson
6337 Berkeley Drive
Shreveport, Louisiana 71129

Cut Here

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

Ms. Shirley DeRose Wilson

License/Certificate Type - Number
EI.0027786

Status: Active
Exp Date: 03/31/2026

Fold Here

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

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

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

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 11/12/2024 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mrs. Tanita Melann Gilbert-Baker
1623 Hanna Street
Shreveport, Louisiana 71107

Cut Here

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

Mrs. Tanita Melann Gilbert-Baker

License/Certificate Type - Number
PE.0029350

Status: Active
Exp Date: 03/31/2025

Fold Here

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

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

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

**Disclaimer**
All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.

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# CERTIFICATIONS

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

Mr. Christian Stephen Schade

License/Certificate Type - Number

PE.0032483

**Status:** Active Exp Date: 09/30/2026

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

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

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

Mr. Maffitt Kimball Schlafly

License/Certificate Type - Number

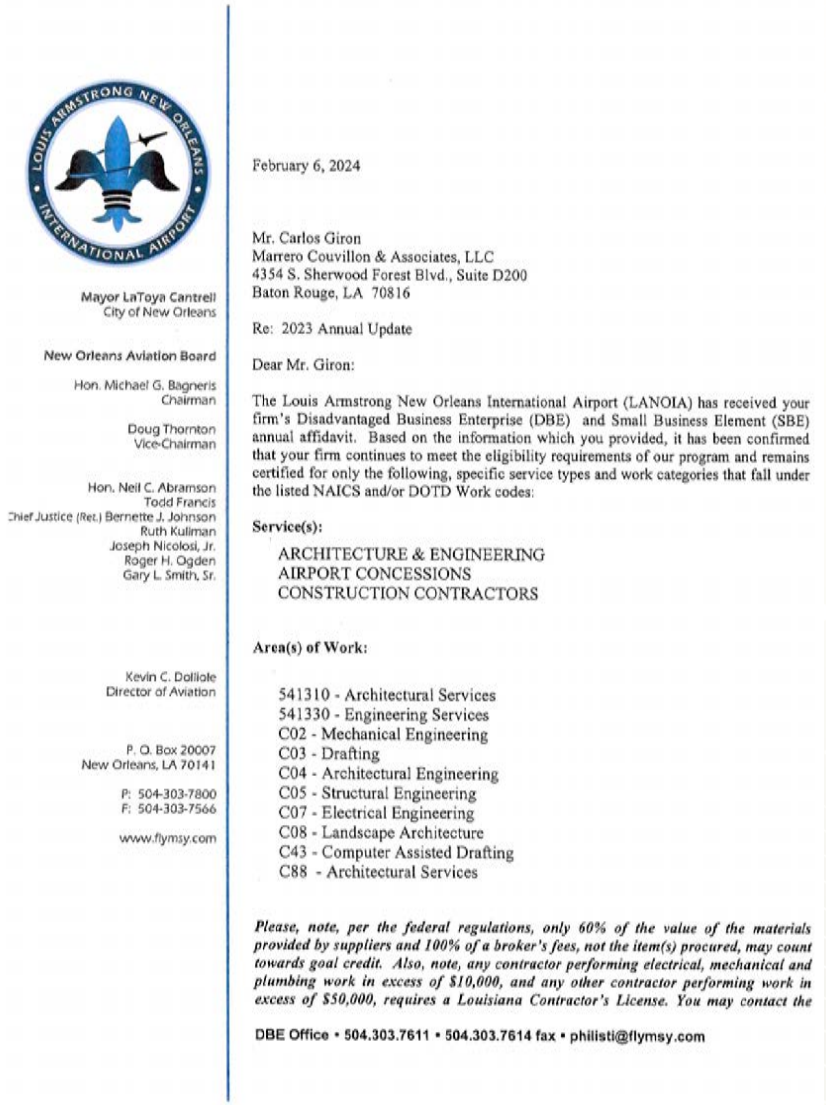
PE.0027699

**Status:** Active Exp Date: 09/30/2026

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

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

# CERTIFICATIONS



Mayor LaToya Cantrell
City of New Orleans

New Orleans Aviation Board

Hon. Michael G. Bagneris
Chairman

Doug Thornton
Vice-Chairman

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

Kevin C. Dolliole
Director of Aviation

P. O. Box 20007
New Orleans, LA 70141

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

www.flymsy.com

February 6, 2024

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

Re: 2023 Annual Update

Dear Mr. Giron:

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

**Service(s):**

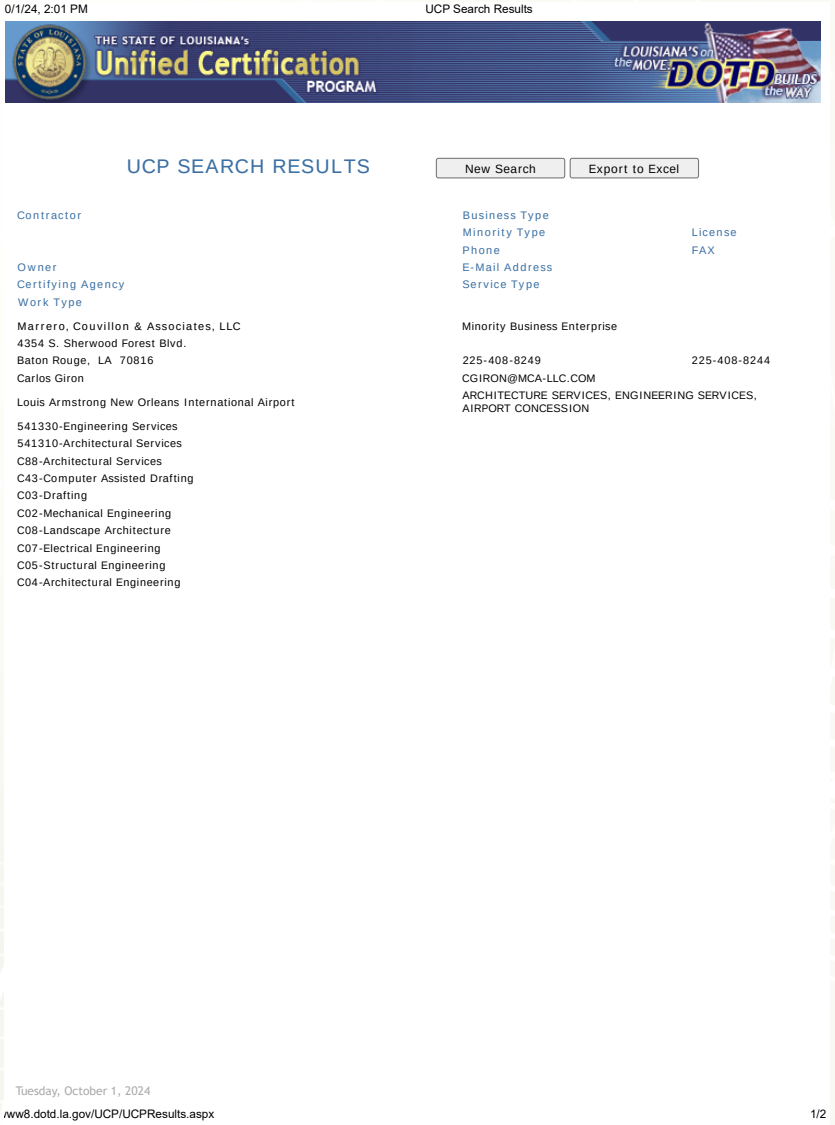
ARCHITECTURE & ENGINEERING
AIRPORT CONCESSIONS
CONSTRUCTION CONTRACTORS

**Area(s) of Work:**

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

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

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



0/1/24, 2:01 PM UCP Search Results

THE STATE OF LOUISIANA's Unified Certification PROGRAM

LOUISIANA's on the MOVE DOTD BUILDS the WAY

UCP SEARCH RESULTS

New Search | Export to Excel

| | | |
|---|---|---|
| Contractor | Business Type | |
| | Minority Type | License |
| | Phone | FAX |
| Owner | E-Mail Address | |
| Certifying Agency | Service Type | |
| Work Type | | |
| Marrero, Couvillon & Associates, LLC<br>4354 S. Sherwood Forest Blvd.<br>Baton Rouge, LA 70816<br>Carlos Giron | Minority Business Enterprise<br><br>225-408-8249<br>CGIRON@MCA-LLC.COM | 225-408-8244 |
| Louis Armstrong New Orleans International Airport | ARCHITECTURE SERVICES, ENGINEERING SERVICES, AIRPORT CONCESSION | |
| 541330-Engineering Services<br>541310-Architectural Services<br>C88-Architectural Services<br>C43-Computer Assisted Drafting<br>C03-Drafting<br>C02-Mechanical Engineering<br>C08-Landscape Architecture<br>C07-Electrical Engineering<br>C05-Structural Engineering<br>C04-Architectural Engineering | | |

Tuesday, October 1, 2024

/ww8.dotd.la.gov/UCP/UCPResults.aspx 1/2

# CERTIFICATIONS


Louisiana Professional Engineering and Land Surveying Board

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

| Name: | Public Address: |
|---|---|
| NTB Associates, Inc. | 525 Louisiana Avenue<br>Shreveport, Louisiana 71101 |

License/Certificate information w/ Supervision

| License | Status | First Issuance Date | Expiration Date | Supervisor(s) |
|---|---|---|---|---|
| EF.0002481 | Active | 02/15/2000 | 09/30/2026 | Mr. Bryan Turner Bunch # PLS.0035014 |


Louisiana Professional Engineering and Land Surveying Board

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

| Name: | Public Address: |
|---|---|
| NTB Associates, Inc. | 525 Louisiana Avenue<br>Shreveport, Louisiana 71101 |

License/Certificate information w/ Supervision

| License | Status | First Issuance Date | Expiration Date | Supervisor(s) |
|---|---|---|---|---|
| EF.0002481 | Active | 02/15/2000 | 09/30/2026 | Ms. Amy Kathleen Schulze # PE.0030295 |

Prime consultant name here


ATSSA American Traffic Safety Services Association

This is to affirm that

Cameron Higginbotham

has satisfied the requirements to be designated as a CERTIFIED FLAGGER

Issue Date 2/10/2023 — ATSSA Instructor Name

Exp. Date 2/9/2027 — Instructor Signature

State Issued LA

VC000088390
A1000120163

Verify at Flagger.com

Prime consultant name here

SAM.GOV®

**NTB ASSOCIATES INC** ● Active Registration

Unique Entity ID: T2K7VQN6DL58

Doing Business As: (blank)

Purpose of Registration: All Awards

Expiration Date: Mar 25, 2025

CAGE/NCAGE: 9V6U6

Physical Address: 8643 MAIN ST ZACHARY, LA 70791-4235 USA

---

**NTB ASSOCIATES INC** ● Active Registration

Unique Entity ID: E8PTT4ZELXE3

Doing Business As: (blank)

Purpose of Registration: All Awards

Expiration Date: Aug 6, 2025

CAGE/NCAGE: 1NBV8

Physical Address: 500D PLEASANT VALLEY DR LITTLE ROCK, AR 72227-2151 USA

---

**NTB ASSOCIATES, INC.** ● Active Registration

Unique Entity ID: DL8ELAPGQQ41

Doing Business As: NTB ASSOCIATES, INC.

Purpose of Registration: All Awards

Expiration Date: Aug 22, 2025

CAGE/NCAGE: 1PDD3

Physical Address: 525 LOUISIANA AVE, STE 200 SHREVEPORT, LA 71101-5449 USA

---

**NTB ASSOCIATES, INC.** ● Active Registration

Unique Entity ID: PNS1EJYESPB1

Doing Business As: (blank)

Purpose of Registration: All Awards

Expiration Date: Aug 26, 2025

CAGE/NCAGE: 6RAT9

Physical Address: 100 BOMBER BLVD STE 2 MOUNTAIN HOME, AR 72653-4626 USA

# CERTIFICATIONS

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Patrick Staiano**
has attended
**Traffic Control Supervisor Refresher-LA State Specific**
Training Course

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

Director of Training

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Iniko T Jack**
has attended
**Traffic Control Supervisor-LA State Specific**
Training Course

2/8/2023 to 2/8/2027
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**William Wales**
has attended
**Traffic Control Supervisor-LA State Specific**
Training Course

2/8/2023 to 2/8/2027
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Belton Davis**
has attended
**Traffic Control Technician-LA State Specific**
Training Course

2/7/2023 to 2/7/2027
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

# CERTIFICATIONS

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Captayn Chapman
has attended
Traffic Control Supervisor-LA State Specific
Training Course

2/8/2023 to 2/8/2027
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

UESI

TRENCHLESS TECHNOLOGY CENTER.

CERTIFICATE OF COMPLETION

THIS IS TO ACKNOWLEDGE THAT

Amy Schulze

HAS SUCCESSFULLY COMPLETED THE CLASSROOM AND FIELD TRAINING REQUIREMENTS, AND IS DULY AWARDED THE CERTIFICATE OF COMPLETION FOR

The 7th UESI Utility Investigation School

40 Professional Development Hours (4 CEUs)

Held in Ruston, LA, March 2-6, 2020

On this 6th day of March 2020

Tom Iseley, P.E., Dist. M. ASCE, PWAM
Professor Emeritus, Louisiana Tech University
Director of Development, Trenchless Technology Center
Chair, BAMI Board of Directors

LOUISIANA TECH UNIVERSITY

Andrew Sylvest
President-elect, Subsurface Utility Engineering (SUE) Association
Surveying And Mapping, LLC (SAM) SUE Discipline Lead
UESI/ASCE Subsurface Utility Engineering & Investigation Committee

uta
UTILITY TRAINING ACADEMY

Certificate of Completion

Belton A. Davis

has successfully completed Utility Training Academy's
Utility Locator Skills Enhancement Training to achieve recognition as a
U.T.A. Certified Professional Utility Locator

Date: January 31, 2022
Duration: 8 Contact Hours

Bob Nighswonger
President, Utility Training Academy

uta
UTILITY TRAINING ACADEMY

Certificate of Completion

Captayn D. Chapman

has successfully completed Utility Training Academy's
Utility Locator Skills Enhancement Training to achieve recognition as a
U.T.A. Certified Professional Utility Locator

Date: January 31, 2022
Duration: 8 Contact Hours

Bob Nighswonger
President, Utility Training Academy

# CERTIFICATIONS




Prime consultant name here

# CERTIFICATIONS

VECTURA
CONSULTING SERVICES, LLC

RTA DOTD

## LOUISIANA UNIFIED CERTIFICATION PROGRAM

**Disadvantaged Business Enterprise Program (DBE)**

**Small Business Element (SBE)**

This is to certify that under Title 49, Part 26 of the Code of Federal Regulations & under the State of Louisiana United Certification Program (LAUCP)

**Vectura Consulting Services, LLC**

Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:

**NC488490, NC541330, NC541340**

*NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.*

**Certificate Eligibility: June 2024 to June 2025**

*This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.*

*Rhonda Wallace*

**Rhonda Wallace, DBE/SBE Programs Manager**

*Louisiana Department of Transportation & Development*

Louisiana SECRETARY OF STATE
NANCY LANDRY

(https://www.sos.la.gov/Pages/default.aspx)

**Search for Louisiana Business Filings**

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

| 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:** 7/26/2024
**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 |

| | |
|---|---|
| **Officer:** | LAURENCE LAMBERT |
| **Title:** | Member |
| **Address 1:** | 4467 BLUEBONNET BLVD |
| **Address 2:** | SUITE A |
| **City, State, Zip:** | BATON ROUGE, LA 708099639 |

**Amendments on File (1)**

| Description | Date |
|---|---|
| Domestic LLC Agent/Domicile Change | 6/8/2023 |

Back to Search Results | New Search | View Shopping Cart

VECTURA
CONSULTING SERVICES, LLC

# CERTIFICATIONS

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Director of Training

Baton Rouge, LA
Location

President, CEO

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

*This certificate provides proof of training, not certification.*

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Kristen Farrington**
has attended
**Traffic Control Supervisor Refresher-LA State Specific**
Training Course

4/5/2021 to 4/5/2025
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Director of Training

Baton Rouge, LA
Location

President, CEO

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

*This certificate provides proof of training, not certification.*

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Vice President of Education and Technical Services

New Orleans, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

VECTURA
CONSULTING SERVICES, LLC

# CERTIFICATIONS


ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

Laurence Lambert

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 5/9/2023
Exp. Date 5/8/2027
State Issued LA

ATSSA
Instructor Name
Instructor Signature

A1000126196
Verify at Flagger.com


ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

Sheelagh Ferlito

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 5/9/2023
Exp. Date 5/8/2027
State Issued LA

ATSSA
Instructor Name
Instructor Signature

A1000126216
Verify at Flagger.com


ATSSA
Safer Roads Save Lives

AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

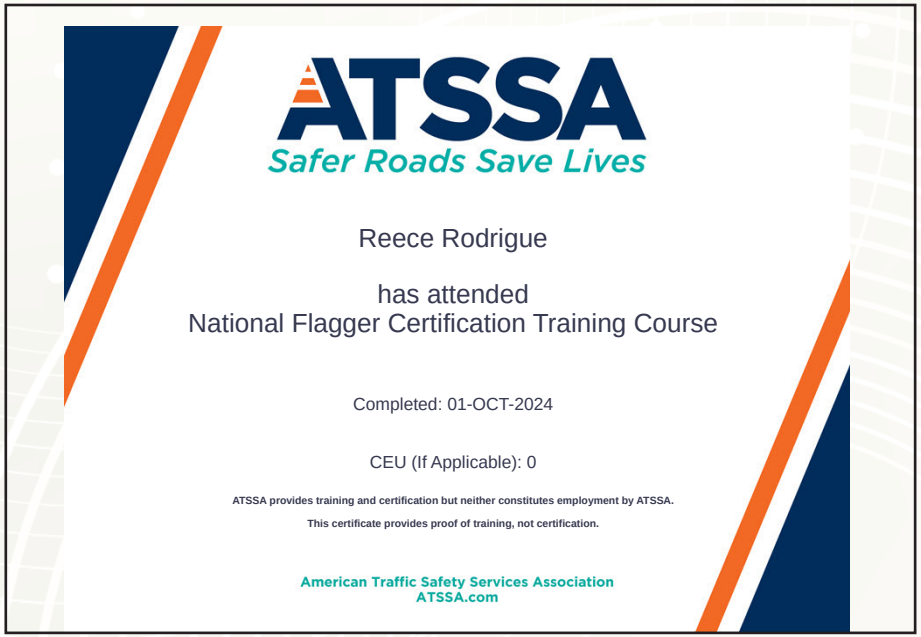
This is to affirm that
Kristen Farrington

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Expiration Date 7/5/2025
State Issued in LA

Instructor Signature

Verification available by calling 1-877-642-4637 or at http://www.flagger.com


ATSSA
Safer Roads Save Lives

Reece Rodrigue

has attended
National Flagger Certification Training Course

Completed: 01-OCT-2024

CEU (If Applicable): 0

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

American Traffic Safety Services Association
ATSSA.com

VECTURA
CONSULTING SERVICES, LLC

# CERTIFICATIONS

Please Note: This is the TEPR certificates for Sheelagh Brin Ferlito.

## 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

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

## 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

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

## 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

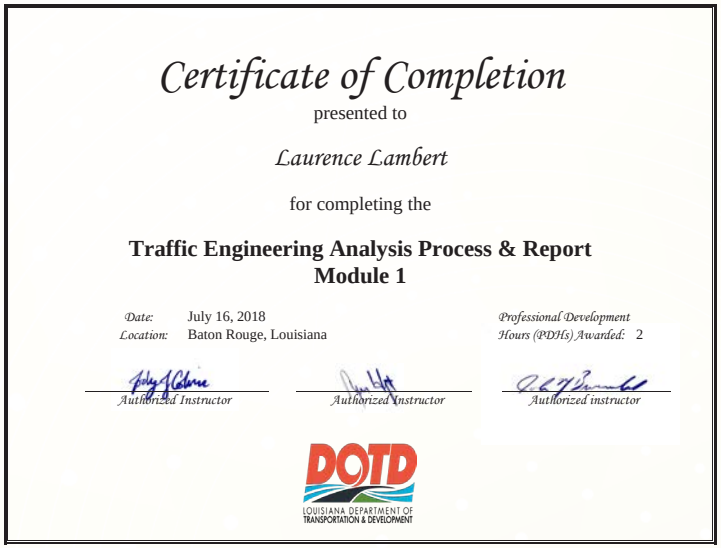
*Professional Development Hours (PDHs) Awarded:* 3

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

VECTURA
CONSULTING SERVICES, LLC

# CERTIFICATIONS



*Certificate of Completion*

presented to

*Laurence Lambert*

for completing the

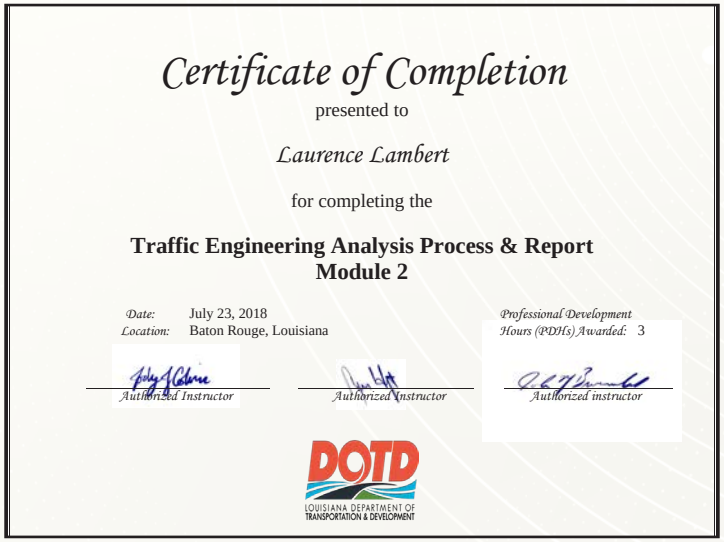
**Traffic Engineering Analysis Process & Report**
**Module 1**

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

*Professional Development Hours (PDHs) Awarded:* 2

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



*Certificate of Completion*

presented to

*Laurence Lambert*

for completing the

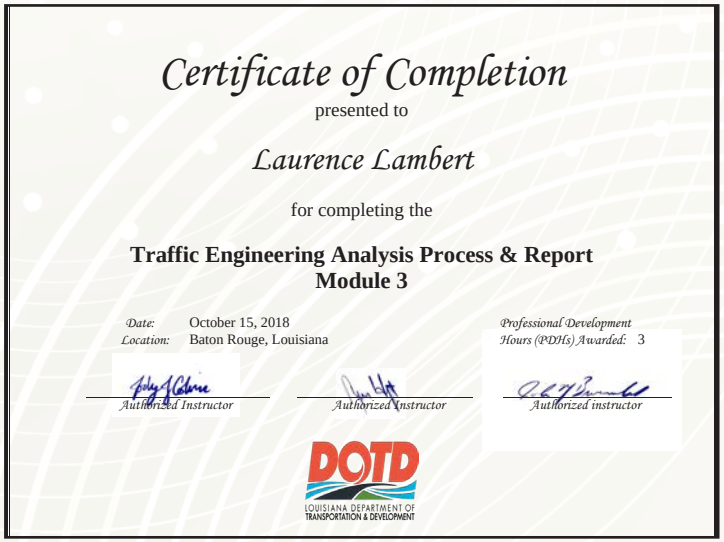
**Traffic Engineering Analysis Process & Report**
**Module 2**

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

*Professional Development Hours (PDHs) Awarded:* 3

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



*Certificate of Completion*

presented to

*Laurence Lambert*

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 3**

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

*Professional Development Hours (PDHs) Awarded:* 3

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

VECTURA
CONSULTING SERVICES, LLC

# CERTIFICATIONS

## Certificate of Completion

presented to

*Reece Rodrigue*

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 1**

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

*Professional Development Hours (PDHs) Awarded:* 2

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

## Certificate of Completion

presented to

*Reece Rodrigue*

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 2**

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

*Professional Development Hours (PDHs) Awarded:* 3.5

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

## Certificate of Completion

presented to

*Reece Rodrigue*

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 3**

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

*Professional Development Hours (PDHs) Awarded:* 3

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

VECTURA
CONSULTING SERVICES, LLC

# CERTIFICATIONS

Please Note: This is the TEPR certificates for Kristen Farrington. Her maiden name is Gahahan.

## Certificate of Completion

presented to

*Kristen Gahagan*

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 1**

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

*Professional Development Hours (PDHs) Awarded:* 2.5

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

## Certificate of Completion

presented to

*Kristen Gahagan*

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 1**

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

*Professional Development Hours (PDHs) Awarded:* 2.5

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

## Certificate of Completion

presented to

*Kristen Gahagan*

for completing the

**Traffic Engineering Analysis Process & Report**
**Module 3**

*Date:* October 29, 2018
*Location:* Baton Rouge, Louisiana

*Professional Development Hours (PDHs) Awarded:* 3

*Authorized Instructor* *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

VECTURA
CONSULTING SERVICES, LLC

# CERTIFICATIONS

Transportation Professional Certification Board Inc.

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

Ms. Sheelagh B. Ferlito, P.E., PTOE
Vectura Consulting Services, LLC
P.O. Box 14269
Baton Rouge, LA 70898
USA

Dear Ms. Ferlito,

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

Your certification is renewed through 9/9/2027.

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

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

Sincerely,

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

Transportation Professional Certification Board Inc.

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

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

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

Your certification is renewed through 2/3/2025.

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

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

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

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

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

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

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

Sincerely,

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

VECTURA
CONSULTING SERVICES, LLC

# CERTIFICATIONS

Transportation Professional Certification Board Inc.

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

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

Dear Mrs. Farrington,

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

Your certification is renewed through 3/26/2026.

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

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

Sincerely,

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

AECOM

# Sections 21-23

***Engineering News-Record*** **Magazine 2024 Ranking**

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

**21. QA/QC Plan:**

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

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

**22. Sub-consultant information:**

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

| Firm Name<br>(Name must match as registered with Louisiana's Secretary of State) | Address | Point of Contact and Email Address | Phone Number |
|---|---|---|---|
| Ardaman & Associates, Inc. | 316 Highlandia Dr.<br>Baton Rouge, LA 70810 | Robert Jewell, RJewell@ardaman.com | 225-666-4598 |
| Alliance Transportation Group, LLC | 2206 Barbe Street<br>Lake Charles, LA 70601 | J. D. Allen<br>jdallen@dccm.com | 337-802-6655 |
| EJES INCORPORATED | 201 Wilkinson St<br>Shreveport, LA 71104 | Patrick C Williams, Ph.D., PMP, MBA<br>CAO-Chief Administrative Officer | 318-670-7275 |
| Marrero, Couvillon & Associates, L.L.C. | 2644 S. Sherwood Forest Blvd;, Suite 200<br>Baton Rouge, LA 70816 | Brian Miller<br>bmiller@mca-llc.com | 225-408-8249 |
| NTB Associates, Inc. | 525 Louisiana Ave.<br>Shreveport, LA 71101 | Grant Gilleon<br>ggilleon@ntbainc.com | 318-226-9199 |
| Vectura Consulting Services, LLC | 4467 Bluebonnet Blvd, Suite A, Baton Rouge, LA 70809 | Laurence Lambert<br>llambert@vecturacs.com | 225-223-6685 |

**23. Location:**

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

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

**About AECOM**

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

aecom.com