ARCADIS

CONTRACT NOs. 4400030714 AND 4400030715

April 8, 2025

IDIQ CONTRACT FOR STAGE 0 STUDIES, STATEWIDE

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Tuesday, April 8, 2025

Louisiana Department of Transportation and Development
1201 Capitol Access Road, Room 405-E
Baton Rouge, LA 70802-4438

Arcadis U.S., Inc.
6100 Corporate Blvd, Suite 325
Baton Rouge, LA 70808
Phone: 225 292 1004
Fax: 225 218 9677
www.arcadis.com

Subject: **Contract Nos. 4400030714 and 4400030715**
IDIQ Contract for Stage 0 Studies, Statewide

Dear Project Evaluation Team,

Arcadis and our teaming partners have provided dedicated and dependable support to the Louisiana Department of Transportation and Development (LADOTD) through the preparation of comprehensive **Stage 0 Studies for more than 15 years**. Collectively, our team has **completed more than 50 Stage 0 Studies projects in Louisiana** of all scales and complexities. These projects include pedestrian and bicycle safety enhancements, roadways and intersection mobility and safety upgrades, access management improvements, interstate and interchange developments, bridge widening and replacements, as well as new roadway and bridge alignments. This experience has allowed us to develop strong working relationships with LADOTD staff and Local Public Agencies (LPAs) throughout the state, with projects covering all nine districts (02, 03, 04, 05, 07, 08, 58, 61, and 62) and over 20 parishes. Our team has also supported LADOTD in its efforts to pursue funding from **discretionary grant programs** including the Reconnecting Communities and Neighborhoods (RCN) program. **Arcadis' National Funding Team has successfully obtained billions of dollars for transportation agencies** across the country and excel in identifying funding opportunities for high-impact projects, crafting technically sound and compelling grant applications, and thorough post award management to ensure compliance and project success.

OUR TEAM

The Arcadis Team provides the depth and breadth of resources to cover all aspects of the contract scope of work, including those needed to support applications for discretionary grant programs. Our project delivery team has been selected for the individual strengths each partner can provide with complimentary team synergy which has been developed through working together on previous projects. **Digital Engineering** and **Buchart Horn** bring a depth of LADOTD experience including planning, traffic and safety, environmental, roadway design, and complete streets. As mentioned, Arcadis has a **dedicated National Funding Team** comprised of 100+ staff from across our firm's technical disciplines to support LADOTD's pursuit of funding opportunities through discretionary grant programs.

OUR APPROACH

Our team's approach and methodology, as detailed in Section 18 of our enclosed proposal, is **focused on project-specific scoping** to deliver precisely what each project requires in a timely and efficient manner. Our approach also focuses on proactive stakeholder coordination to provide context sensitive solutions that are supported by both state and local agencies. We achieve this goal through open communication, which is integral to understanding LADOTD's expectations and ensuring that they are consistently met through regular touchpoints.

OUR EXPERIENCE

Subject Matter	Team Expertise
Planning and Environmental	• Extensive experience preparing Stage 0 Studies **(past performance rating – 4.5/5 and positive performance reviews on recent Stage 0 studies).** • Understanding how transportation projects affect the natural and built environment and how to avoid/minimize impacts through innovative design. • Understanding regulatory agency's primary concerns and hot-button issues.
Traffic Engineering & Safety	• Highest past performance ratings for DOTD traffic and safety **(4.6/5)** projects. **Positive performance evaluations on recent projects.** • Intimately familiar with DOTD's Traffic Engineering Process and Report (TEPR) guidelines and requirements and scaling to specific project needs. • Highly experienced with Highway Safety Manual (HSM) methodologies and network screening tools.
Roadway and Bridge Design	• Local professionals with access to technical experts across the country having completed design for most state DOTs in the southeast • In-depth experience with LADOTD roadway **(past performance rating – 3.8/5)** and bridge design **(past performance rating – Arcadis 5.0/5)** guidelines and manuals
Discretionary Grant Programs	• National Funding Team comprised of 100+ staff from across Arcadis' technical disciplines with experience with funding strategy, application development, census building, economic and fiscal analysis, technical services, and grant management. • **Successfully obtained over $10 billion in funding for transportation agencies** across the country through the completion of over 200 grant applications. • Provided discretionary grant application support on current LADOTD Stage 0 Studies IDIQ.

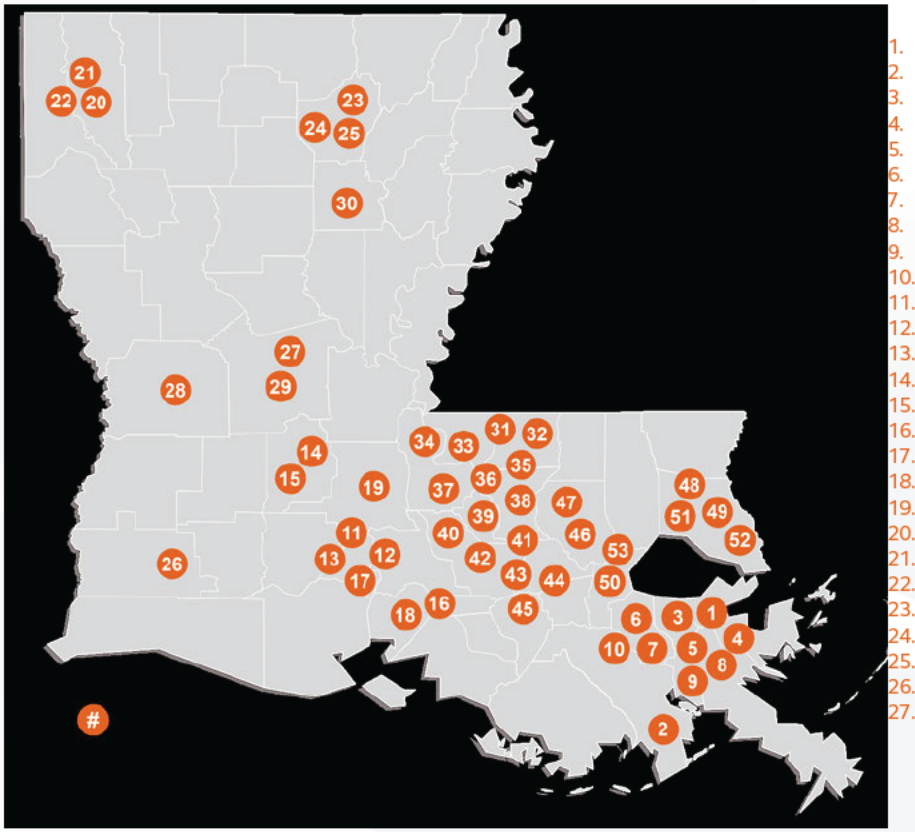
OUR MOTIVATION

Improving quality of life is our motivation and is at the forefront of every project we deliver. For Stage 0 Studies, that means only progressing **safe, cost-effective, and constructable alternatives** that promote mobility and sustainability for the environment and communities they serve. We look forward to the opportunity to continue partnering with LADOTD to improve the safety, service, and reliability of Louisiana's transportation system. Thank you for your time and consideration.

Sincerely,
Arcadis

Akhil Chauhan PE, PTOE, PTP, PMP
Principal Transportation Engineer

Ari Deitch, PE, PTOE, PTP, RSP
Senior Transportation Engineer, Project Manager



1. New Orleans Pedestrian Safety Feasibility Study
2. Baton Rouge Ped / Bike Road Safety Assessments
3. LA 3235 Corridor Stage 0 Safety Feasibility Study
4. I-10 Hard Shoulder Running (HSR) Feasibility Study
5. Florida Avenue Expressway Feasibility Study
6. I-10 from I-610 to Twin Spans Feasibility Study
7. LA 52 Widening (Paul Maillard Rd) Feasibility Study
8. Widening of US 61 Feasibility Study
9. I-310/US 90 Intersection Feasibility Study
10. Transportation Surveillance Planning Study
11. US 61 Safety Improvements Stage 0 Feasibility Study
12. Evangeline Thwy / Johnston St Intersection Study
13. Johnston St / Ambassador Caffery Intersection Study
14. I-49 Interchange Stage 0 Safety Feasibility Study
15. US 167 Feasibility Study, Elsie Street to Gilbert Dr
16. US 167 Feasibility Study, Enola Street to Ross Rd
17. LA 182 Sidewalk and Handicap Ramp Improvements
18. I-10 at Ambassador Caffery Feasibility Study
19. US 90 to I-49 Rail Crossing Feasibility Study
20. East Vine St (US 190) Feasibility Study
21. LA 3105 Corridor & Safety Feasibility Study
22. LA157 Corridor & Safety Feasibility Study
23. LA 3132 Inner Loop Extension Feasibility Study
24. LA 594 Millhaven Stage 0 Safety Feasibility Study
25. US 165 Corridor and Safety Feasibility Study
26. I-20 Frontage Development Study
27. LA 12 Sabine River Bridge Feasibility Study
28. US 71 Corridor Safety Feasibility Studies (Phases 1-3)
29. LA 117 from LA 8 to LA 118 Feasibility Study
30. St. Tammany Intersection Safety Imp Study
31. Duty Ferry Crossing Replacement Feasibility Study
32. I-12 Hard Shoulder Running (HSR) Feasibility Study
33. Burbank Access Management Study
34. Highland-Burbank Connector
35. US 61 Access Management & Safety Improvements
36. I-10 Ascension Parish Interchange Improvements
37. LA 429 Connector Feasibility Study
38. I-49 at US 190 & LA 31 Feasibility Study
39. Parker Rd / Route 929 Roundabout Feasibility Study
40. I-10 at LA 73 (LA 74 to LA 621) Feasibility Study
41. LA 19 Widening Feasibility Study
42. LA 64 and McHugh Rd Roundabout Feasiblity Study
43. LA 44 Pavement Preservation Feasibility Study
44. Ford St Extension Study
45. Picardy-Perkins Connector Study
46. Joe Sevario / Roddy Rd Roundabouts Safety Study
47. LA 44 Roundabouts Stage 0 Safety Feasibility Study
48. I-12 / Airport Rd Interchange / Congestion Mgmt Study
49. EB I-10 Pedestrian Bridge Feasibility Study
50. LA 28 Feasibility Study and Environmental Inventory
51. US 190 and LA 25 Intersection Feasibility Study
52. LA 21 at US 190B Feasibility Study
53. I-10 Reserve Canal to I-55 Feasibility Study

The Arcadis Team has completed over 50 Stage 0 Feasibility Studies in Louisiana in Districts 02, 03, 04, 05, 07, 08, 58, 61, and 62

Sections 1-11

Arcadis Past Performance Review:
Stage 0 Feasibility Study - District 04 Pedestrian Safety Improvements

"Arcadis provided technically accurate deliverables with thorough documentation through all project components. They appropriately identified next steps for each project and used available research and studies to make recommendations for implementation at project sites. The consultant displayed knowledge of the Highway Safety Manual, CMF Clearinghouse, and best practices for analyzing locations for pedestrian improvements."

- Jessica DeVille, LADOTD, Project Manager

DOTD FORM: 24-102

(Revised December 12, 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	**IDIQ CONTRACT FOR STAGE 0 STUDIES, STATEWIDE**
2. Contract Number(s) as shown in the advertisement	CONTRACT NOs. 4400030714 AND 4400030715
3. State Project Number(s), if shown in the advertisement	N/A
4. **Prime consultant name (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)**	ARCADIS **ARCADIS U.S., 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)	EF.0002808 DUNS 057690414
6. Prime consultant mailing address	6100 Corporate Blvd., Suite 325 Baton Rouge, LA 70808
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	6100 Corporate Blvd., Suite 325 Baton Rouge, LA 70808
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Ari Deitch, PE, PTOE, PTP, RSP *Senior Transportation Engineer* P. 225 244 6643 | E. ari.deitch@arcadis.com
9. **Name, title, phone number, and email address of the official with signing authority for this proposal**	Akhil Chauhan, PE, PTOE, PTP, PMP *Principal Engineer* P. 225 368 6563 | E. akhil.chauhan@arcadis.com

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.	 Signature above shall be the same person listed in Section 9: Date: April 8, 2025

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)' %:

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ARCADIS

Funding Strategy

Comprehensive funding analyses to identify potential sources based on your funding needs and priorities.

Application Development

Support for all components of grant applications: narrative writing, scope/budget/schedule development, graphic design, stakeholder coordination, and more.

Consensus Building

Advocacy for clients' needs with state and agency officials, including funding gatekeepers and possible partners.

Economic and Fiscal Analysis

Economic impact analyses, benefit cost analyses and other studies often required for funding.

Technical Services

Design, engineering, modeling, and other technical services to develop and prepare documentation for specific funding program requirements.

Grant Management

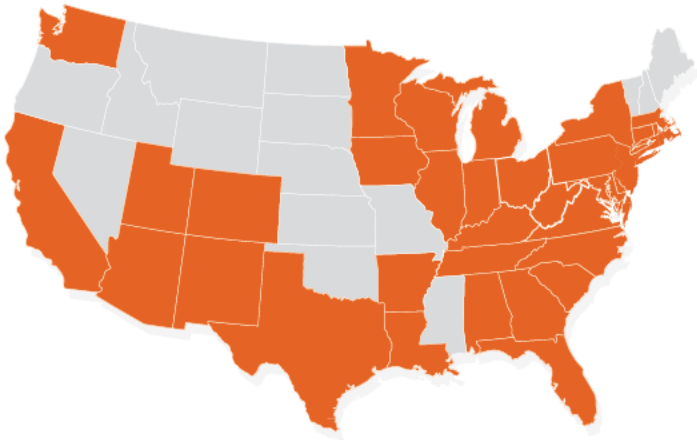
Post-award support, including compliance, reporting, reimbursements, procurement, and audits, among other tasks.

200
Successful Applications

33
States

$10B+
Funding Secured

Arcadis' National Funding Team, comprised of about 100 staff, has successfully secured $10B+ in transportation funding for clients across the nation.



Sections 12-14

12 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.

Discipline(s)	% of Overall Contract	Arcadis	Digital Engineering	Buchart Horn	Each Discipline must total to 100%
Planning	60%	60%	20%	20%	**100%**
Traffic*	20%	75%	15%	10%	**100%**
Road	15%	40%	40%	20%	**100%**
Bridge	5%	100%	0%	0%	**100%**
Percent of Contract	**100%**	**62%**	**21%**	**17%**	**100%**

**Traffic Evaluation Discipline involves both Safety and Traffic services.*

13 FIRM SIZE:

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
ARCADIS	Principal	3	3
	Supervisor Engineer*	8	8
	Engineer – Other	1	1
	Engineer	3	6
	Professional	1	1
	Engineer Intern	1	3
	Planner	3	3
	Environmental Professional	2	3
	Environmental Manager	1	1
	GIS Analyst	1	2
	CADD Technician	1	1
digital engineering DIGITAL ENGINEERING & IMAGING, INC.	Principal	1	2
	Engineer	2	2
	Supervisor – Engineer	1	2
BUCHART HORN ENGINEERS • ARCHITECTS • PLANNERS	Principal	1	2
	Supervisor Engineer	3	3
	Environmental Manager	1	1

**Includes leads for wide range of disciplines that may be needed to support this contract*

LEGEND:
Arcadis - 1
Buchart Horn - 2
Digital Engineering - 3

Meeting TEPR Requirement*
Workzone Training**
Meets MPR*

Principal-in-Charge

Akhil Chauhan, PE, PTOE, PTP, PMP[1]**

Project Manager

Ari Deitch, PE, PTOE, PTP, RSP[1]***

QA/QC and Technical Advisor

Buddy Porta, PE[1]
Roadway

Akhil Chauhan, PE, PTOE, PTP, PMP[1]**
Traffic

Dan Magri, PE[2]*
Safety

Kristen Kasmire, PE, SE[1]*
Structures

James Dickerson, PE, PS[2]
Environmental/Stage 0

Roadway Design

Jose L. Rodriguez, PE[1]**
David Fulks, PE[1]*
Joseph Mingo, PE[2]**
Caldwell "Cal" Joy, PE[2]*
David LeBreton, PE, PTOE, PTP, RSP[3]*
Stephanie Turner, PE[3]**
Taylor Marino, PE, PTOE, RSP[3]***
Michael Flynn, PE[3]**

Traffic Engineering

Kester Hollier, PE, PTOE[1]**
Ari Deitch, PE, PTOE, PTP, RSP[1]***
Max Aguirre, PhD, PE, PTOE, RSP2[1]***
Clara Foshee, PE, PTOE[1]*
Tait Karlson, PE, PTOE[1]*
Czarina Patolilic, EI[1]*

Stage 0

Ari Deitch, PE, PTOE, PTP, RSP[1]*
Justin Maderia, PE, PTOE, PTP[1]**
Max Aguirre, PhD, PE, PTOE, RSP2[1]***
Jonathan Reid, PE, PTOE, RSP[1]**
Clara Foshee, PE, PTOE[1]*
Jose M. Rodriguez[1]*
Taylor Marino, PE, PTOE, RSP[3]***
David LeBreton, PE, PTOE, PTP, RSP[3]*
Joseph Mingo, PE[2]**

Complete Streets / Planning

Julie Price, AICP[1]
Ari Deitch, PE, PTOE, PTP, RSP[1]***
Stephanie Turner, PE[3]**
Taylor Marino, PE, PTOE, RSP[3]***
Michael Flynn, PE[3]**
David LeBreton, PE, PTOE, PTP, RSP[3]*

Discretionary Grant Programs

Sara Lynch[1]
Laura Hartley, PE, PTOE[1]
Meredith Guidry, PE, RSP[1]*
Ari Deitch, PE, PTOE, PTP, RSP[1]***
Kathleen Sarli, PE[1]
Dan Magri, PE[2]*

Bridge Design

Victor Sanchez, PE[1]*
Osama Shahawy, PE[1]*

Safety

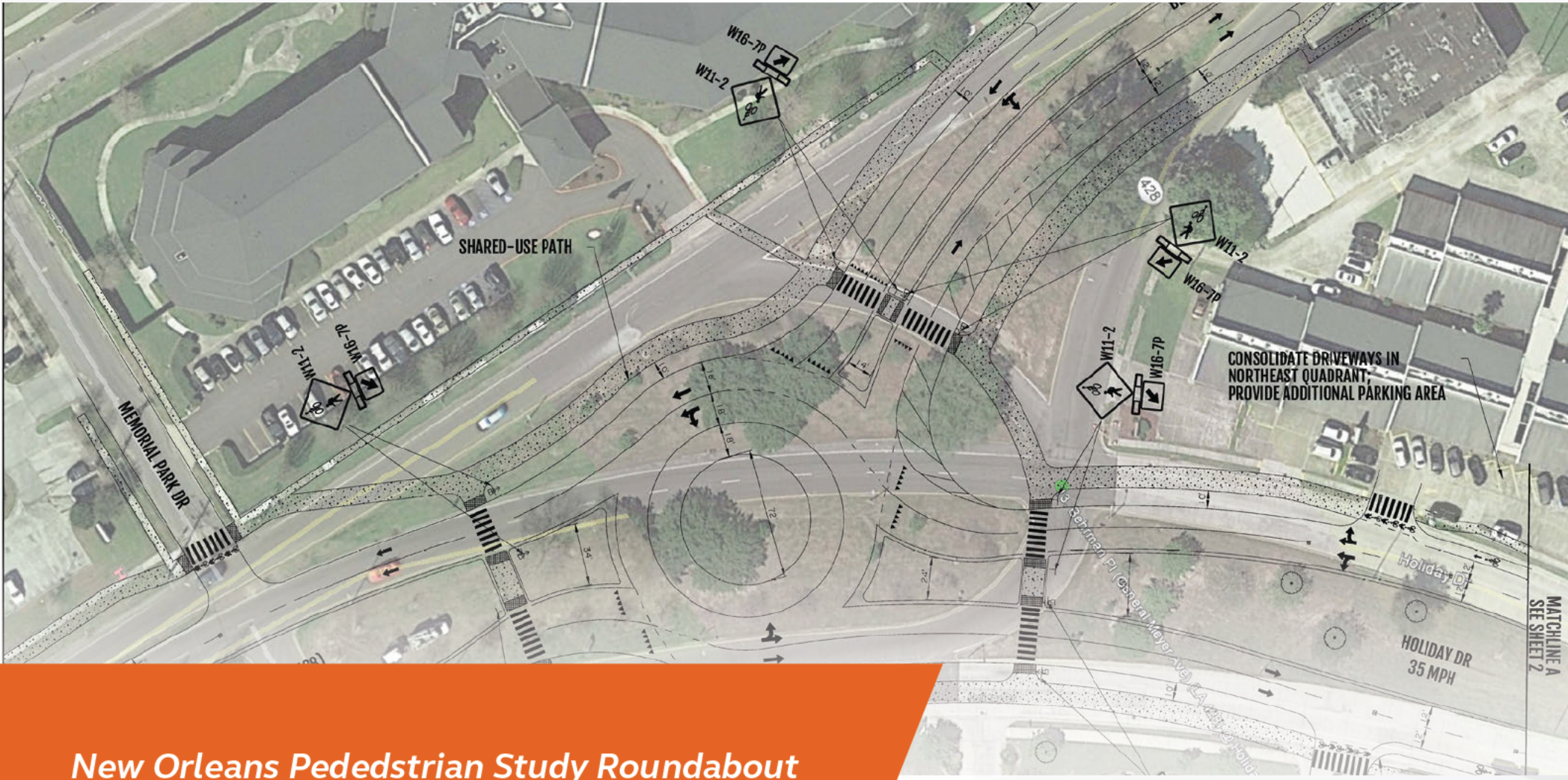
Justin Maderia, PE, PTOE, PTP[1]**
Max Aguirre, PhD, PE, PTOE, RSP[1]***
Ari Deitch, PE, PTOE, PTP, RSP[1]***
Jose M. Rodriguez[1]

Public Involvement / Environmental

Jason Morrell, PWS[1]*
Kimberly Arcement[1]**
Jan Hughes[1]**
Nicole Carsten[1]
John L. Mettille, Jr.[2]**

GIS / Data Analytics / CADD

Josh Chatelain[1]
Sothon Men[1]



New Orleans Pededstrian Study Roundabout Concept Drawing

Sections 15-16

Arcadis Past Performance Review:
Stage 0 Feasibility Study - New Orleans Pedestrian Safety Improvements

"Arcadis staff worked extremely well with the diverse group of stakeholders on this project. Their efforts are commendable."

- Adrianne McRae, LADOTD Highway Safety Section

15 MINIMUM PERSONNEL REQUIREMENTS:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Akhil Chauhan, PE, PTOE, PTP, PMP *(>23 years' experience)*	ARCADIS	PE	LA	PE. 33703 / 09/2026
2	Akhil Chauhan, PE, PTOE, PTP, PMP *(>23 years' experience)*	ARCADIS	PE	LA	PE. 33703 / 9/2026
3	David Fulks, PE *(>29 years' experience)*	ARCADIS	PE	LA	PE. 30151 / 9/2026
	Jose L. Rodriguez, PE *(>24 years' experience)*	ARCADIS	PE	LA	PE. 30492 / 3/2027
4	Ari Deitch, PE, PTOE, PTP, RSP *(>13 years' experience)*	ARCADIS	PE	LA	PE. 41842 / 3/2026
	Akhil Chauhan, PE, PTOE, PTP, PMP *(>23 years' experience)*	ARCADIS	PE	LA	PE. 33703 / 09/2026
5	Ari Deitch, PE, PTOE, PTP, RSP *(>13 years' experience)*	ARCADIS	PE	LA	PE. 41842 / 03/2026
	Max Aguirre, PhD, PE, PTOE, RSP2I *(>6 years' experience)*	ARCADIS	PE	LA	PE. 47579 / 09/2025
	Daniel Magri, PE *(>41 years' experience)*	BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS	PE	LA	PE. 21669 / 03/2026
6	Kester Hollier, PE, PTOE *(>20 years' experience)*	ARCADIS	PE, PTOE	LA, US	PE. 34304 / 3/2027 PTOE: 3928 / 11/2027
	Justin Maderia, PE, PTOE, PTP *(>17 years' experience)*	ARCADIS	PE, PTOE	LA, US	PE. 38492 / 03/2026 PTOE: 3455/ 07/2027

6	Taylor Marino, PE, PTOE, RSP *(>9 years' experience)*	digital engineering DIGITAL ENGINEERING & IMAGING, INC.	PE, PTOE	LA, US	PE. 44447 / 9/2026 PTOE: 5026 / 04/2027
	David LeBreton, PE, PTOE, PTP, RSP *(>17 years' experience)*	digital engineering DIGITAL ENGINEERING & IMAGING, INC.	PE, PTOE	LA, US	PE. 37176 / 9/2026 PTOE: 3333 / 11/2027
7	Kristen Kasmire, PE, SE *(>26 years' experience)*	ARCADIS	PE	LA	PE. 43461 / 09/2025
	Victor Sanchez, PE *(>22 years' experience)*	ARCADIS	PE	LA	PE. 33976 / 09/2026
	Osama Shahawy, PE *(>34 years' experience)*	ARCADIS	PE	LA	PE. 35652 / 09/2025
8	Jason Morrell, PWS *(>25 years' experience)*	ARCADIS	NHI Course No. 142005, (NEPA) and Transportation Decision Making		
	Jan Hughes *(>27 years' experience)*	ARCADIS	NHI Course No. 142005, (NEPA) and Transportation Decision Making		
	Kimberly Arcement *(>25 years' experience)*	ARCADIS	NHI Course No. 142005, (NEPA) and Transportation Decision Making		
	John Metille, Jr. *(>45 years' experience)*	BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS	NHI Course No. 142005, (NEPA) and Transportation Decision Making		

Contract Leadership

16 STAFF EXPERIENCE.

Firm employed by. ARCADIS			Meets MPR No. 1, 2, & 4
Name	Akhil Chauhan, PE, PTOE, PTP, PMP	Years of relevant experience with this employer	17
Title	Principal Engineer	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		MS / 2003 / Transportation Engineering, Massachusetts Institute of Technology BS / 2001 / Civil Engineering, Indian Institute of Technology	
Active registration number / state / expiration date		PE. 0033703 / LA / Exp. 09/2026; PTOE 2544 / USA / Exp. 11/2026 PTP 246 / USA / Exp. 12/2027; PMP 1444676 / USA / Exp. 08/2026	
Year registered	2008	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		**Principal-in-Charge / QAQC and Technical Advisor (Traffic)**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Chauhan is a principal traffic engineer with **22 years of applied research and industry experience** in the fields of **highway safety**, **traffic engineering**, traffic modeling and simulation, **Stage 0 Feasibility Studies**, transportation planning, demand modeling/forecasting, intersection/corridor analysis, safety studies, **NEPA studies**, and access management. Akhil has successfully led, managed, and mentored numerous projects related to transportation modeling, simulation, and planning for public agency clients located across the nation including several state Departments of Transportation. He is proficient in the use of many macro-, meso-, and microscopic traffic simulation software programs such as HCS, Vistro, Synchro, SIDRA, Vissim, MITSIM, Dynameq, DynaMIT, TransCAD, Visum, and OREMS. **Mr. Chauhan meets Minimum Personnel Requirement Number 1, 2, & 4.**
04/23 – 01/25	**Stage 0 Studies IDIQ - LA 22 Tchefuncte River Bridge, LADOTD, St. Tammany Parish, LA.** *Principal Engineer.* Responsible for contract managment and technical advisory for ***Stage 0 Feasibility Study*** to ***develop and evaluate feasible*** alternatives for the replacement of the LA 22 Tchefuncte River Bridge in Madisonville, LA. The bridge has a high frequency of opening due to marine traffic and low elevation above the river. Arcadis developed several bridge alternatives including fixed and moveable bridge options. Alternatives were evaluated with respect to ***construction cost***, ***ROW***, ***traffic and safety***, and ***environmental***. Environmental reviews were performed to identify any impacts to to the natural resources, historically significant locations, and community. Short-term alternatives were also documented including ITS solutions and modificaitons to the bridge opening schedule. All study methods and results were documented in a ***Stage 0 Feasibility Report*** with ***Preliminary Scope and Budget Checklist*** and ***Environmental Checklist***.
02/23 – 05/24	**Stage 0 Feasibility Study - District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA.** *Principal Engineer & Technical Advisor*. Responsible for contract management and technical advisory for this ***Stage 0 Feasibility study*** to ***develop and evaluate safety countermeasures to address pedestrian safety needs on 7 corridors within Caddo and Bossier Parish.*** The study methodology was similar to that of a Road Safety Assessment, and included historical crash analysis and on-site field reviews to identify pedestrian safety needs. Countermeasures were developed in ***close coordination with project stakeholders*** including City of Bossier, City of Shreveport, NLCOG, Downtown Development Distriction, and District 04. Stakeholders also participated in virtual and on-site field reviews. Study data, methods, and results were documnted in a

	Stage 0 Feasibility Reports were completed for all 7 study corridors with ***Preliminary Scope and Budget Checklist*** and ***Environmental Checklist. Benefit-cost analysis*** was provided to aid in prioritizing the implementation of countermeasures.
03/16 – 10/19	**Stage 0 Feasibility Study - I-12 Hard Shoulder Running, LADOTD, East Baton Rouge and Livingston Parishes, LA.** *Principal Engineer.* Responsible for contract management and technical advisory of project tasks. Arcadis researched best practices around the country to develop potential alternatives. ***Highway Safety Manual methods*** were applied to ***quantify the safety performance of proposed alternatives***. Traffic analysis was performed using a ***calibrated microsimulation model*** to evaluate the operational performance of HSR and HOV lane alternatives. ***Conceptual drawings*** and ***construction cost estimates*** were developed to evaluate the ***feasibility*** of proposed alternatives.
02/15 – 08/17	**Stage 0 Feasibility Study - US 71 Corridor Phase II, LADOTD, Rapides Parish, LA.** *Principal Engineer*. Responsible in the overseeing the preparation of a ***Stage 0 feasibility study*** for the purpose of enhancing mobility and safety on US 71 in Alexandria, LA. Main tasks included ***traffic data collection***, warrant studies, traffic analysis, safety data analysis, and development of ***conceptual layouts***. Arcadis developed alternatives for the replacement of the traffic circle on US 71 using a ***data driven, tiered analysis approach***. Alternatives were developed in ***close coordination with District 08 staff*** to better understand project needs and incorporate context sensitive solutions. Completed ***Stage 0 documentation*** including ***Preliminary Scope and Budget and Environmental Checklists***.
11/16 – 09/17	**Stage 0 Feasibility Study - I-49 Interchange Safety Improvements, LADOTD, Lafayette Parish, LA.** *Principal Engineer.* Responsible for contract management and technical advisory for project tasks including ***data collection and analysis***, traffic and safety analysis, and ***conceptual design drawings***. Purpose of the project was to identify ***feasible improvement alternatives*** to address historical safety issues along the I-49 corridor and at 3 interchanges. Participated with meetings with LADOTD HQ and District 03 team members to understand project needs and develop context sensitive solutions.
12/13 – 06/15	**Stage 0 Feasibility Study - LA 3235, LADOTD, Lafourche Parish, LA.** *Project Manager and Principal Engineer*. Responsible in the preparation of a formal ***traffic and access management Stage 0 study***, in accordance with ***LADOTD Stage 0: Manual of Standard Practice***, that analyzed alternatives and ***enhanced mobility and safety*** on LA 3235. Main tasks included ***traffic data collection***, warrant studies, traffic analysis, safety analysis, ***development of conceptual layouts***, and ***public outreach***. Intersections found to warrant signalization were also modeled in unconventional designs including U-turns, J-turns, and RCUTs. A ***cost estimate*** and ***conceptual layout drawings*** were also produced.
12/13 – 05/15	**Stage 0 Feasibility Study - Joe Sevario / Roddy Road, LADOTD, Ascension Parish, LA.** *Project Manager and Principal Engineer*. Evaluation of roundabouts at 10 stop-controlled intersections along Joe Sevario / Roddy Road, from US 61 to LA 42, a length of approximately 7.2 miles. Main tasks include ***traffic data collection, crash analysis, capacity analysis, safety analysis,*** review of existing pipelines and other municipal utilities, ***alternatives analysis, design development,*** and ***cost estimates***. Completed ***Stage 0 documentation*** including ***Preliminary Scope and Budget*** and ***Environmental Checklists***.
04/13 – Ongoing	**US 11 Environmental Assessment, LADOTD, St. Tammany Parish, LA.** *Principal Engineer*. Responsible for overseeing all project tasks and deliverables including ***crash analysis***, operating speed tabulations, ***intersection and corridor analysis***, ***line and grade***, and ***public outreach*** for the proposed widening of US 11 between US 190 (Gause Boulevard) and I-12 in Slidell. Proposed improvements include the replacement of a bridge crossing the Norfolk Southern Railroad. Critically, this project includes analysis of several ***innovative alternatives*** for the proposed corridor, including “superstreets” and J-turn concepts.

Firm employed by. ARCADIS			Meets MPR No. 4, & 5
Name	Ari Deitch, PE, PTOE, PTP, RSP1	Years of relevant experience with this employer	11
Title	Senior Transportation Engineer / Project Manager	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		BS / 2012 / Biological Engineering, Louisiana State University	
Active registration number / state / expiration date		PE.0041842 / LA / Exp. 03/2026; PTOE #4346 / USA / Exp. 11/2026 PTP #690 / USA / Exp. 07/2025; RSP #37 / USA / Exp. 12/2027	
Year registered	2018	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		**Project Manager, Traffic Engineering, Safety, Stage 0, Complete Streets / Planning, Discretionary Grant Programs**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Deitch is a Transportation Engineer and **Project Manager specializing in traffic safety, traffic engineering and design**, safety, transportation management, and **conceptual roadway design**. Mr. Deitch has experience managing and working on projects for LADOTD and the City of Baton Rouge, as well as other DOTs across the country, pertaining to **Stage 0 feasibility studies**, transportation management plans, traffic, and safety studies, **NEPA studies**, **ped/bike improvements**, access management, signal design, and signing/marking design. He has experience and proficiency in IHSDM, SYNCHRO, VISTRO, VISSIM, SIDRA, GuidSIGN, HCS and MicroStation software. **Mr. Deitch meets Minimum Personnel Requirement Number 4, & 5.**
04/23 – 01/25	**Stage 0 Studies IDIQ – LA 22 Tchefuncte River Bridge, LADOTD, St. Tammany Parish, LA.** *Project Manager*. Responsible for project management and traffic engineering tasks for ***Stage 0 Feasibility Study*** to ***develop and evaluate feasible alternatives*** for the replacement of the LA 22 Tchefuncte River Bridge in Madisonville, LA. The bridge has a high frequency of opening due to marine traffic and low elevation above the river. Arcadis developed several bridge alternatives including fixed and moveable bridge options. Alternatives were evaluated with respect to ***construction cost***, ***ROW***, ***traffic and safety***, and ***environmental***. Environmental reviews were performed to identify any impacts to to the natural resources, historically significant locations, and community. Short-term alternatives were also documented including ITS solutions and modificaitons to the bridge opening schedule. All study methods and results were documented in a ***Stage 0 Feasibility Report*** with ***Preliminary Scope and Budget Checklist*** and ***Environmental Checklist***.
02/23 – 05/24	**Stage 0 Feasibility Study - District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA.** *Project Manager*. Responsible for contract management and technical advisory for this ***Stage 0 Feasibility study*** to ***develop and evaluate safety countermeasures to address pedestrian safety needs on 7 corridors within Caddo and Bossier Parish***. The study methodology was similar to that of a Road Safety Assessment, and included historical crash analysis and on-site field reviews to identify pedestrian safety needs. Countermeasures were developed in ***close coordination with project stakeholders*** including City of Bossier, City of Shreveport, NLCOG, Downtown Development Distriction, and District 04. Stakeholders also participated in virtual and on-site field reviews. Study data, methods, and results were documnted in a ***Stage 0 Feasibility Reports*** were completed for all 7 study corridors with ***Preliminary Scope and Budget Checklist*** and ***Environmental Checklist.*** Performed ***benefit-cost analysis*** to aid in prioritizing the implementation of countermeasures.
03/16 – 10/19	**Stage 0 Feasibility Study - I-12 Hard Shoulder Running, LADOTD, East Baton Rouge and Livingston Parishes, LA.** *Traffic Engineer.* Conducted ***traffic analysis*** using a calibrated microsimulation model to evaluate the operational performance of

	HSR and HOV lane alternatives. Developed ***conceptual drawings*** and ***construction cost estimates*** to evaluate the ***feasibility*** of proposed alternatives.
02/15 – 08/17	**Stage 0 Feasibility Study - US 71 Corridor Phase II, LADOTD; Rapides Parish, LA.** *Traffic Engineer.* Responsible for providing ***traffic data collection***, warrant studies, traffic analysis, safety data analysis, and development of ***conceptual layouts***. Played a key role in the development of ***feasible alternatives*** to replace the existing traffic circle. Responsible for the development of ***conceptual design drawings*** and ***construction cost estimates*** for proposed alternatives. Assisted with the completion of ***Stage 0 documentation*** including ***Preliminary Scope and Budge and Environmental Checklists***.
11/16 – 09/17	**Stage 0 Feasibility Study - I-49 Interchange Safety Improvements, LADOTD, Lafayette Parish, LA.** *Traffic Engineer.* Responsible for ***data collection and analysis***, traffic analysis, and ***conceptual design drawings***. Purpose was to identify ***feasible improvement alternatives*** to address safety issues along the I-49 corridor at 3 interchanges. Participated in meetings with LADOTD HQ and District 03 team members to understand project needs and develop context sensitive solutions.
04/16 – 09/18	**New Orleans Pedestrian Stage 0 Safety Feasibility Study, LADOTD, Orleans Parish, LA.** *Project Manager.* Responsible for assessing existing and future safety deficiencies related to pedestrian and bicycle modes and selecting safety countermeasures for 20 high-risk locations. ***Developed design drawings for proposed short-term and long-term improvement phases and conducted benefit-cost analysis to inform project prioritization***. Conducted safety analysis using Highway Safety Manual predictive methods. Organized and lead project stakeholder meetings to review alternatives, obtain feedback, and develop context sensitive solutions. ***Completed Stage 0 documentation*** including ***Preliminary Scope and Budget*** and ***Environmental Checklists*** for all 20 intersections.
12/13 – 06/15	**Stage 0 Feasibility Study - LA 3235, LADOTD, Lafourche Parish, LA.** *Traffic Engineer***.** Responsible for review of existing ***crash data*** and ***traffic operations analysis***, development of safety countermeasures, ***conceptual drawings***, and ***Stage 0 documentation***. Purpose of the project was to develop ***access management strategies*** and roadway improvements that will maintain and improve mobility, improve safety, support existing and future development along the corridor. Safety performance of alternatives were estimated using Highways Safety Manual predictive methods.
03/18 – 06/21	**Baton Rouge Pedestrian and Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA.** *Traffic Engineer.* Responsible for assessing existing and future safety deficiencies related to pedestrian and bicycle modes at identified high-risk intersections and segments in East Baton Rouge Parish. Assisted with the development of ***screening criteria*** to identify high priority locations with a history of pedestrian and/or bicycle crashes. Participated in Road Safety Audits (RSAs) at 10 priority locations to identify and evaluate safety deficiencies and develop safety countermeasures to improve safety for pedestrians and bicyclists.
10/18 – 03/21	**LA 3040 Corridor Improvements, LADOTD, Houma, LA.** *Senior Traffic Engineer.* Study to identify safety and/or 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***. Arcadis performed traffic analysis using Highway Capacity Software in accordance with LADOTD TEPR Requirement.
08/19 – 02/20	**US 61 Access Management and Corridor Improvements (Airline Hwy), LADOTD, East Baton Rouge Parish, LA.** *Traffic Engineer.* Project purpose was to evaluate the effectiveness of proposed ***access management improvements*** along US 61 and identify ***feasible alternatives*** to maximize operational and safety benefits. Evaluated the need for pedestrian and bicycle accommodations based on historical crash data and adjacent land use. Assisted with the development of ***construction cost estimates*** and ***benefit-cost analysis*** to compare the effectiveness of proposed alternatives.

Safety and Traffic Engineers

Firm employed by. ARCADIS				Meets MPR No. 6
Name	Justin Maderia, PE, PTOE, PTP		Years of relevant experience with this employer	18
Title	Senior Transportation Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			MS / 2005 / Civil Engineering; BS / 2004 / Civil Engineering	
Active registration number / state / expiration date			PE.0038492 / LA / 03/31/2026; PTOE #3455 / USA / 07/01/2027; PTP #604 / 07/01/2026	
Year registered	2013	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			**Safety, Stage 0**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Maderia's experience in transportation engineering includes a range of services, such as project engineer responsible for **safety studies**, **feasibility studies**, traffic flow/demand modeling, spot speed studies, micro-simulation modeling, and traffic noise modeling. His experience with safety studies includes **crash review and analysis**, development of safety improvements and countermeasures, and **application of Highway Safety Manual (HSM) methodologies** to evaluate the effectiveness of safety improvements. He has also served as the project engineer responsible for the design of highway projects. Specific design experience includes maintenance of traffic design, traffic control plan design, roadway geometry, horizontal and vertical alignment design. His software program experience includes IHSDM, AutoCAD, MicroStation, Geopak, AutoTurn, SignCAD, GIS, TNM, CORSIM, VISSIM, HCS and all Microsoft Office Applications. **Mr. Madeira Meets Minimum Personnel Requirement Number 6.**
03/16 – 10/19	**Stage 0 Feasibility Study - I-12 Hard Shoulder, LADOTD, East Baton Rouge and Livingston Parishes, LA.** *Traffic Engineer.* Evaluated safety based on ***crash analysis***, the HSM predictive methods and the ISATe tool for Freeways. ***Estimated costs and safety benefits*** to evaluate the ***feasibility of proposed alternatives***. Analyzed speed data and volume data and developed figures for various hard shoulder running locations.
01/14 – 02/17	**Stage 0 Feasibility Study - US 71 Corridor Phase I, LADOTD, Rapides Parish, Louisiana.** *Traffic Engineer*. Responsible for independent review of traffic and safety analysis, VISSIM animations, and ***final Stage 0 documentation***. Purpose of the project was to identify operational and safety needs and determine the safety ***effectiveness of alternative concepts*** that incorporated innovative intersections, roundabouts, frontage road improvements, and signal timing improvements.
02/15 – 08/17	**Stage 0 Feasibility Study - US 71 Corridor Phase II, LADOTD; Rapides Parish, LA.** *Traffic Engineer.* Responsible for providing ***traffic data collection***, warrant studies, traffic analysis, safety data analysis, and development of ***conceptual layouts***. Assisted with the completion of ***Stage 0 documentation*** including ***Preliminary Scope and Budge and Environmental Checklists***.
11/16 – 09/17	**Stage 0 Feasibility Study - I-49 Interchange Safety Improvements, LADOTD, Lafayette Parish, LA.** *Traffic Engineer.* Responsible for ***data collection and analysis***, traffic analysis, and ***conceptual design drawings***. Purpose of the project was to identify ***feasible improvement alternatives*** to address historical safety issues along the I-49 corridor and at 3 interchanges. Participated with meetings with LADOTD HQ and District 03 team members to understand project needs and develop context sensitive solutions.

12/13 – 06/15	**Stage 0 Feasibility Study - LA 3235, LADOTD, Lafourche Parish, LA.** *Traffic Engineer*. Responsible for review of existing ***crash data*** and ***traffic operations analysis***, development of safety countermeasures, ***conceptual drawings***, and ***Stage 0 documentation***. Purpose of the project was to develop access management strategies and roadway improvements that will maintain and improve mobility, improve safety, support existing and future development along the corridor. Safety performance of alternatives were estimated using Highways Safety Manual predictive methods.
04/21 – 06/22	**Louisiana Strategic Highway Safety Plan Update, LADOTD, Statewide, LA.** *Senior Safety Analyst*. Responsible for QAQC of ***crash data analysis*** tasks for the ***SHSP update***, including ***statistical analysis of existing emphasis areas*** and evaluating modifications to emphasis areas.
02/15 – 08/17	**Evangeline Thruway, Johnston St, & Louisiana Ave. Traffic and Safety Feasibility Study, LADOTD, Lafayette Parish, Louisiana**. *Traffic Engineer.* Responsible for the operational and ***safety analysis of project alternatives*** including existing, no-build, and build conditions. A calibrated VISSIM model was developed and used to analyze the various scenarios. Build alternatives included CFI, RCUT, and MUT concepts. The primary objective of the study is to ***identify reasonable alternatives that address the purpose and need*** and conduct a ***benefit/cost analysis*** to the ***operational and safety effectiveness of alternatives***.
11/20 – Ongoing	**I-10 CMAR, LADOTD, East Baton Rouge Parish, LA.** *Traffic Engineer.* Responsible for traffic engineering tasks related to the development of ***transportation management plans*** for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. Extensive ***historical crash and safety analysis*** is being performed in support of the IMR and TMP. One critical component of the project is maintaining traffic during the construction of new bridge structures. Multiple scenarios are being evaluated using a calibrated mesoscopic model to determine the impacts during construction and mitigations that will be necessary to minimize delay.
04/16 – Ongoing	**Pete's Highway Interchange Alternatives and Environmental Assessment, LADOTD, Livingston Parish, LA.** *Traffic Engineer.* Responsible for assisting with traffic signal timing analysis tasks including volume development / projections, origin-destination study, VISSIM model development and calibration, and noise analysis. Work involves completing an Environmental Assessment and providing traffic engineering services related to ***improving operations and safety*** along Range Avenue at the I-12 interchange.
09/17 – Ongoing	**Safety Study Task Order Contracts, ODOT, Statewide, Ohio.** *Lead Engineer.* Responsible for completing ***site specific safety studies*** on a task order basis. Each safety study includes a site visit, existing conditions inventory, preparing existing conditions plans, collecting traffic counts, forecasting traffic volumes, ***reviewing 3 year crash history***, ***completing ODOT's CAM Tool***, capacity analysis, ***CMF Clearinghouse to test counter-measures***, schematic diagrams, ***cost estimating***, completing ODOT's ECAT, ***writing a safety study technical report***, applying for safety funding from ODOT, and presenting the project to ODOT's Office of Program Management for the chance to be awarded safety funding.

Firm employed by. ARCADIS			Meets MPR No. 5
Name	Max Aguirre, PhD, PE, PTOE, RSP2I	Years of relevant experience with this employer	6
Title	Transportation Engineer	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		PhD / 2018 / Engineering Science, LSU MS / 2015 / Construction Management, LSU; BS / 2013 / Civil Engineering, LSU	
Active registration number / state / expiration date		Professional Engineer – LA / PE.0047579 09/2025; PTOE #5291 / USA / Exp. 7/2025; RSP2I #182 / USA / Exp. 7/2027	
Year registered	2023	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			**Traffic Engineering, Safety, Stage 0**

Experience dates	Experience and qualifications relevant to the proposed contract
	Dr. Aguirre is a Professional Engineer specializing in traffic engineering studies and design. Dr. Aguirre has experience working on projects for Louisiana Department of Transportation and Development (LADOTD) pertaining to traffic and safety studies, **Stage 0 feasibility studies, pedestrian and bicycle improvements**, permanent signing design, signal design, and **NEPA studies**. He is also familiar with the Highway Capacity Manual, **Highway Safety Manual**, MUTCD, and AASHTO "Green Book". Dr. Aguirre is also knowledgeable in the application of several software programs including **Interactive Highway Safety Design Model**, SYNCHRO, **Highway Safety Software (HSS)**, GuidSIGN, HCS and MicroStation software. **Dr. Aguirre Meets Minimum Personnel Requirement Number 5.**
02/23 – 05/24	**Stage 0 Feasibility Study - District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA.** *Traffic Engineer*. Responsible for conducting all traffic and safety tasks needed for this ***Stage 0 Feasibility study*** to ***develop and evaluate safety countermeasures to address pedestrian safety needs on 7 corridors within Caddo and Bossier Parish***. The study methodology was similar to that of a Road Safety Assessment, and included historical crash analysis and on-site field reviews to identify pedestrian safety needs. Countermeasures were developed in ***close coordination with project stakeholders*** including City of Bossier, City of Shreveport, NLCOG, Downtown Development Distriction, and District 04. Stakeholders also participated in virtual and on-site field reviews. Study data, methods, and results were documnted in a ***Stage 0 Feasibility Reports*** were completed for all 7 study corridors with ***Preliminary Scope and Budget Checklist*** and ***Environmental Checklist.*** Performed ***benefit-cost analysis*** to aid in prioritizing the implementation of countermeasures.
02/23 - Ongoing	**Stage 0 Feasibility Study and Design - Cross Bayou Bridge Replacement, LADOTD, Caddo Parish, LA.** *Traffic Engineer.* Conducted ***Stage 0 Feasibility study*** to develop and evaluate alternatives for the replacement of two existing bridges over Cross Bayou. Developed ***Stage 0 Documentation*** including ***Preliminary Scope and Budget*** and ***Environmental Checklists***. The next phase of the project will be conducted under the same contract and will include the development of construction plans.
10/18 – 03/21	**LA 3040 Corridor Improvements, LADOTD, Houma, LA.** *Traffic Engineer.* Study to identify safety and/or operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA to ***evaluate reasonable alternatives to address safety and operational needs***. Responsible for performing traffic analysis using Highway Capacity Software in accordance with LADOTD TEPR Requirement.
09/19 – 06/21	**Baton Rouge Pedestrian and Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA.** *Traffic Engineer*. Assisted with the assessment of existing and future safety deficiencies related to pedestrian and bicycle

	modes at identified high-risk intersections and segments in East Baton Rouge Parish. Assisted with the development of ***screening criteria*** to identify high priority locations with a history of pedestrian and/or bicycle crashes. Assisted in the development of Road Safety Assessments (RSAs) at 10 priority locations to identify and evaluate safety deficiencies and develop safety countermeasures to improve safety for pedestrians and bicyclists. Evaluated alternatives to ***determine and document the feasibility of proposed countermeasures***. Developed ***benefit-cost analysis*** to prioritize implementation of proposed improvements.
10/19 – 07/21	**I-10 New Orleans to Slidell Hard Shoulder Running Feasibility Study, LADOTD, Orleans Parish, LA.** *Traffic Engineer*. Purpose of the project was to evaluate the ***feasibility*** of implementing HSR lanes along I-10 to alleviate existing bottlenecks and congestion along critical segments of the corridor. ***Developed conceptual drawings and typical sections***, ***crash analysis,*** and predictive safety analysis for proposed Hard Shoulder Running (HSR) alternatives on I-10 between New Orleans and Slidell. Developed ***benefit-cost analysis*** for ***Preliminary Scope and Budget*** and ***Environmental Checklists***.
08/19 – 02/20	**US 61 Access Management and Corridor Improvements (Airline Hwy), LADOTD, East Baton Rouge Parish, LA.** *Traffic Engineer*. Project purpose was to evaluate the effectiveness of proposed ***access management improvements*** along US 61 and identify ***feasible alternatives*** to maximize operational and safety benefits. Evaluated the need for pedestrian and bicycle accommodations based on historical crash data and adjacent land use. Assisted in conducting traffic analysis and the development of ***benefit-cost analysis*** to compare the effectiveness of the proposed alternatives.
11/20 – Ongoing	**I-10 CMAR, LADOTD, East Baton Rouge Parish, LA.** *Traffic Engineer*. Assisting in traffic engineering tasks including development of permanent signing plans, Interchange Modification Reports, and Transportation Management Plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. Assisted in the development of ***existing condition safety analysis*** including tasks such as ***crash data analysis, collision diagrams, and crash report documentation***.
09/19 – Ongoing	**I-49 (Ricohoc to Berwick) Supplemental Environmental Impact Assessment, LADOTD, St. Mary Parish, LA.** *Traffic Engineer*. Assist in project tasks involving planning and evaluation of different ***interchange alternatives*** and their ***geometric design, socio-economic impacts, mobility impacts, and environmental impacts***.

Firm employed by. ARCADIS			
Name	Jonathan Reid, PE, PTOE, RSP1	Years of relevant experience with this employer	8
Title	Senior Transportation Engineer	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization	MS / 1999 / Civil Engineering, North Carolina State University, 1999 BS / 1994 / Civil Engineering, Lawrence Technological Institute, 1994		
Active registration number / state / expiration date	PE #032806 / GA, PE #027930 / NC PTOE #1588 / USA / Exp. 03/2026 RSP #104 / USA / Exp. 12/2027		
Year registered	2008	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Stage 0		

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Reid has more than **20 years of experience in the transportation field**. His background includes traffic modeling, intersection design, managed-lane facilities planning, **feasibility studies, safety studies and design, Road Safety Assessments**, corridor studies, roundabout design, toll roads, transit projects, sports/entertainment facility planning, highway signing/marking, traffic impact analysis, signal warrants and design, and traffic calming studies. He has managed traffic operations and planning projects for state, federal and municipal clients and developers in the U.S. and abroad.
01/18 – 05/18	**US 61 Access Management and Corridor Improvements (Airline Hwy), LADOTD, East Baton Rouge Parish, Louisiana.** *Technical Advisor*. Responsible for supervisory and oversight for this ***safety feasibility study***. The purpose of the study is to assess traffic operations and potential safety improvements for this urban, 4-lane divided highway. Scope of services included ***traffic data collection and analyses***, ***safety data analyses***, future traffic projections considering corridor growth rates, assessment of ***access management improvements***, and evaluation of concept using Highway Safety Manual methods.
03/17 – Ongoing	**I-49 South (Ricohoc to Berwick) Supplemental Environmental Impact Statement (SEIS), LADOTD, St. Mary Parish, LA.** *Technical Advisor.* Assisted with the development of ***Tier 1 Analysis*** to identify a range of feasible alternatives and determine the impacts with respect to traffic operations, safety, and ***cost***.
06/15 – 06/20	**Safety Project Identification & Evaluation Phase I, Georgia Department of Transportation, Statewide, Georgia.** *Traffic Engineer.* Support role in the development of ***safety feasibility studies*** including the development and validation of high-level concepts intersection operational improvements and concept development for 50+ projects identified by GDOT's Office of Traffic Operations. Concept studies involved ***developing feasible and affordable concepts*** for projects ranging from simple intersection operational improvements to interchange modifications and non-traditional designs such as continuous flow intersections and roundabouts. Each project had desired stipulations such as no right-of-way acquisition, validation of roundabouts, ***development of best benefit / cost alternatives, construction cost*** limits, etc. The goal is to identify projects which could be released for construction under an abbreviated construction plan process and utilize GDOT maintenance crews to construct. Processes and standards were developed for the analysis and reporting of these projects that will ultimately assist GDOT in evaluating the feasibility and scope of a project and the State's best return on investment.

05/16 – 05/21	**Traffic Safety Design Services, Region B, (Districts 3 & 6), GDOT, Georgia.** *Project Manager* of three-year, $12M project to provide ***safety analysis*** and design service support for GDOT Districts 3 and 6. Responsibilities are to advance safety projects through preliminary traffic engineering and Concept Report phases and complete preliminary and final design. Typical safety projects include Road Safety Audits, evaluation & recommendation of safety countermeasures, and project initiation and plan preparation for safety improvement projects. Projects have included intersection conversion to a roundabout, DDI or other safer intersection forms. As part of this project, developed Intersection Control Evaluation (ICE) tool to automate the evaluation and recommendation for the safest and most ***cost-effective intersection control type improvements***.
07/18 – 07/23	**Feasibility Studies Limited Services Contract for NCDOT.** *Project Manager*. Responsible for managing team in providing array of services including ***traffic data collection*** and forecasting, ***alternative development and analysis***, project scoping, ***concept development layout and design, environmental***, hydraulic, utility, and structural reviews, ***cost estimating*** and project programming and prioritization. Also performing express design services to expedite project delivery.
10/14 – 03/15	**SR 141/State Bridge Road Innovative Intersection, City of Johns Creek, Georgia.** *Project Manager.* Developed and modeled ***innovative intersection concepts*** to improve one of the worst intersections in North Fulton County. Provided ***concept design*** for both a dual-median U-turn (thru intersection) and median U-turn / Continuous Flow Hybrid alternatives. VISSM simulation model results showed a 75% reduction in travel delay and a 25% increase in intersection capacity without any substantial right-of-way requirements.
07/07 – 10/08	**I-75 NW Corridor Draft Environmental Impact Study, GDOT, Cobb and Cherokee Counties, Georgia.** *Lead Task Manager.* Traffic analysis and IMR/IJR development to support EIS document for $834 million managed lane corridor to improve 26 miles on I-75 and I-575. Supervised the traffic forecasting using ARC 20-county model projections, traffic analysis of study area roadway and intersections (using Synchro / VISSIM), and evaluation of impacts and proposed ***mitigation measures***. Managed development of the ***largest IMR/IJR project ever undertaken in the state***, which included microsimulation analysis of all new and modified managed-lane and general-purpose interchanges in the corridor. The IMR/JR was ***approved months ahead of schedule*** because FHWA had no comments to address from the first submittal package.
09/09 – 03/11	**Roswell Historic Gateway Transportation Improvement Project City of Roswell, Roswell, Georgia.** *Project Manager.* Study to perform ***public involvement***, traffic analysis, ***design concept***, ***environmental study and EA document preparation***, and preparation of ***preliminary plans*** to improve Atlanta Street between SR 120 and the Chattahoochee River (1.5 miles) by removing a current reversible lane system. Study included innovative solutions to solve controversial project needs, including multi-lane roundabouts, non-traditional interchange concepts and ***context sensitive design*** to minimize impact to adjacent National Park Service and historic properties while enhancing business development opportunities in this important historic corridor. Project received the ***2012 Georgia Partnership for Transportation Quality award for Best Context Sensitive Design and Public Participation.***
01/19 – 03/20	**NCDOT Congestion Management /Innovative Intersection Guide project.** *Lead Author* in development of the Quadrant Roadway Intersection Informational Guide published by FHWA through a partnership with NCDOT. Guide is the 5th in a series on innovative intersection designs and highlight national experience with this emerging new intersection form, designed to ***reduce congestion at bottleneck intersections***. There have been four Quadrant Roadways built in the US, and the Guide draws on experience and operational analysis of this new intersection form to encourage other DOT's to implement where appropriate.

Firm employed by. ARCADIS

Name	Jose M. Rodriguez	Years of relevant experience with this employer	10
Title	Safety Analyst	Years of relevant experience with other employer(s)	4

Degree(s) / Years / Specialization	MS / 2014 / Civil Engineering, LSU BS / 2006 / Civil Engineering, Julio Garavito Colombian Engineering School
Active registration number / state / expiration date	N/A
Year registered: N/A — Discipline	N/A
Contract role(s) / brief description of responsibilities	**Safety, Stage 0**

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Rodriguez specializes in transportation safety and has experience on a wide range of projects including **safety studies, feasibility studies, Road Safety Assessments**, pedestrian and bicycle improvements, and systemic safety evaluation projects. Mr. Rodriguez has extensive experience in crash analysis and the application of **Highway Safety Manual Methods** including Crash Modification Factors and Safety Performance Functions for local and nonlocal conditions. Mr. Rodriguez **develops dynamic web dashboards using Power BI to visualize and organize data analysis results**. Mr. Rodriguez has completed Traffic Engineering Process and Report Training.
03/16 – 10/19	**Stage 0 Feasibility Study - I-12 Hard Shoulder Running, LADOTD, East Baton Rouge and Livingston Parishes, LA.** *Safety Analyst.* Reviewed and summarized the current best practices and safety research information on hard shoulder running experience in the U.S and Europe. Research included shoulder / median width and impacts to safety, desirable lengths for effective hard shoulder running, and ***CMFs to predict impacts to safety*** by reducing lane and / or shoulder widths. Produced a high-level technical memorandum that will ***identify and evaluate feasible alternatives*** of utilizing existing I-12 shoulders, researching the best practices, analyzing the safety and operational benefits, and determining the likely costs. Evaluated safety based on crash analysis, the HSM predictive methods and the ISATe tool for Freeways. Estimated ***costs and benefits of operational and safety analysis*** for proposed alternatives.
02/15 – 08/17	**Stage 0 Feasibility Study - US 71 Corridor Phase II, LADOTD; Rapides Parish, LA.** *Safety Analyst.* Responsible for ***historical crash analysis*** to identify trends and safety issues. Assisted with the ***development of build alternatives*** to address safety issues and performed HSM predictive safety analysis to estimate the potential reduction in crashes for each alternative. Assisted with the completion of ***Stage 0 Checklists and Documentation***.
11/16 – 09/17	**Stage 0 Feasibility Study - I-49 Interchange Safety Improvements, LADOTD, Lafayette Parish, LA.** *Safety Analyst.* Responsible for the ***collection and evaluation of historical crash data***, ***screening and selection of available safety improvement strategies*** that typically include alternative intersection configuration, roundabouts, corridor geometry and lane configuration, and driver awareness improvements. Safety analysis using HSM Predictive Method and IHSDM.
04/16 – 09/18	**New Orleans Pedestrian Stage 0 Safety Feasibility Study, LADOTD, Orleans Parish, LA.** *Safety Analyst*. ***Historical crash analysis*** and safety analyses performed for 20 high priority intersections utilizing the Highway Safety Manual (HSM) 2010 guidelines and Crash Modification Factors (CMFs) from other sources. Analyses include developing ***build alternatives*** that address safety and operational issues at each intersection for all road users and developing ***Stage 0 Checklists and Documentation***.

03/18 – 06/21	**Baton Rouge Pedestrian and Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA.** *Safety Analyst.* Supported the development and delivery of a Pedestrian and Bicycle Safety Action Plan for the City of Baton Rouge. Responsibilities include completing a ***review of crash data***, identification of priority locations, and creation of targeted safety countermeasures based on roadway type. He was responsible for reviewing the crash data in both (Geographic Information Systems) GIS and PowerBI to determine areas to focus on 10 locations with the most need for pedestrian/bicycle safety improvement. The second phase of the project included conducting Road Safety Assessments (RSA's) at the 10 priority locations to ***identify safety issues and develop feasible alternatives*** to improve pedestrian and bicycle safety. The RSA results were used to develop ***Stage 0 Documentation and Checklists***.
08/19 – 02/20	**US 61 Access Management and Corridor Improvements (Airline Hwy), LADOTD, East Baton Rouge Parish, LA.** *Safety Analyst.* Project purpose was to evaluate the effectiveness of proposed ***access management improvements*** along US 61 and identify ***feasible alternatives*** to maximize operational and safety benefits. Evaluated the need for pedestrian and bicycle accommodations based on historical crash data and adjacent land use. Assisted with the safety assessment of build alterntive using Crash Modifcation Factors (CMFs) to predict the impact of access management.
04/14 - 03/16	**Highway Safety Manual (HSM) Safety Performance Functions (SPFs) and Louisiana Specific SPFs, LADOTD, Statewide, LA.** *Safety Analyst.* Responsible to ***calibrate the HSM SPFs*** based on the HSM recommendations and ***Statewide crash data*** and develop the Louisiana Specific SPFs using ***statistical analyses*** and procedures recommended by the HSM.
04/21 – 06/22	**Louisiana Strategic Highway Safety Plan Update, LADOTD, Statewide, LA.** *Safety Analyst.* Responsible to conduct all ***crash data analysis*** tasks for the SHSP update, including a ***statistical analysis*** of existing emphasis areas and evaluating potential modifications to emphasis areas.
08/19 – 06/22	**District 8 Systemic Safety Project, Pedestrians, Ohio Department of Transportation and Development, Columbus, Ohio.** *Safety Analysts.* Responsible for the ***review of data, including crash, roadway inventory, and demographics***. The project required the development of a PowerBI dashboard and use of ***GIS analytics to review the crash data*** to determine metrics that were over-represented to locate areas where crashes are occurring, and areas where crashes may not be occurring, but have similar environmental characteristics (i.e., speed limit, lane width, driver or pedestrian age, presence of zero vehicle households, etc.), as where crashes are happening. This will allow the project team to not only develop engineering treatments, but also target areas for enhanced education and enforcement.
08/18 – 06/22	**Local Road Systemic Safety Task Order Contract, ODOT, Statewide**. *Safety Analyst.* Assisted with four concurrent task orders to perform ***data driven systemic safety analysis*** for ODOT's current SHP initiative to promote regional safety through systemic safety analysis. Each task order includes data collection / conflation / QA/QC, database management, data evaluation, ***examining crash history***, developing crash trees, identifying focus facilities, ***identifying risk factors***, identifying segments of the network that may be at risk for crashes, ***identifying and prioritizing safety improvements***, and developing online web applications to clearly convey results to stakeholders using ESRI ArcMap and Microsoft PowerBI.

Firm employed by. ARCADIS				Meets MPR No. 6
Name	Kester Hollier, PE, PTOE		Years of relevant experience with this employer	4
Title	Senior Transportation Engineer		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization			BS / 2004 / Civil Engineering, Louisiana Tech University	
Active registration number / state / expiration date			PE.034304 / LA / Exp. 03/2027; PTOE #3928 / USA / Exp. 11/2027	
Year registered	2009	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			**Traffic Engineering**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Hollier possesses a wide breadth of experience in the field of transportation engineering including **traffic engineering**, signal timing and design, roadway design, **complete street improvement projects**, roadway safety analysis and design, and construction management and inspection. Working on a wide variety of projects from the planning and conceptual phases to the design and construction phases, has given him the experience to help identify the needs and requirements for projects. This experience allows him to understand stakeholders ranging from local public agencies to state DOTs and helps provide expertise in achieving successful solutions for a variety of projects. He has experience and proficiency in **traffic engineering and safety analysis software** including IHSDM, SYNCHRO, VISTRO, VISSIM, SIDRA, GuidSIGN, HCS and MicroStation software. **Mr. Hollier meets Minimum Personnel Requirement Number 6.**
07/21 – 07/22	**Stage 0 Feasibility Study – US 61: Cardinal Drive to Bert Street Safety Improvements, LADOTD, St. John the Baptist Parish, LA.** *Traffic Engineer*. Assisted with the development of a ***Stage 0 Feasibility and Safety Study*** for the US 61 Corridor in LaPlace, LA. Responsible for ***traffic and safety analysis*** tasks for existing, no-build, and build conditions. Analyis was performed using HCS. Purpose of the study was the ***develop and evaluate feasible alternatives*** that would address operational and safety needs along the corridor.
11/17 – 07/20	**Stage 0 Feasibility Study - LA 466 (5th Street) Improvements Traffic Study, City of Gretna, Jefferson Parish, LA.** *Project Manager / Traffic Engineer*. Responsible for the ***traffic study and impacts*** for the proposed ***complete streets improvements*** along the LA 466 corridor between LA 23 and Richard St. in Gretna, Louisiana. Tasks included ***data collection*** along the corridor and at designated intersections, ***safety and crash analysis*** along the corridor, trip generation/land use and performing existing traffic analysis and future traffic analysis for proposed final alternative. The traffic study was prepared to follow the Louisiana Department of Transportation and Development's ***Traffic Engineering Process and Report Guidelines***. The project also included a stand alone pedestrian study along the corridor at designated intersection and the design of accessible pedestrian signals at signalized intersections.
09/12 – 02/16	**Feasibility Study and Stage 1 EA for Replacing Belle Chasse Tunnel and Bridge, LADOTD, Plaquemines Parish, LA.** *Traffic Engineer*. Responsible for the ***feasibility study*** and ***traffic analysis*** along LA 23 (Belle Chasse Highway) between LA 428 (Behrman Highway) and LA 406 (Woodland Highway) for multiple 6-lane bridge alternatives that will be proposed to replace the existing Belle Chasse Tunnel and lift bridge over the Intercoastal Waterway. These alternatives included 3%, 4%, and 5% bridge grades that modified ***roadway geometry and intersection location***. Responsible for the review of the roadway portion

	and costs for the Line and Grade Study along with the review of the construction sequencing and traffic maintenance of the ***constructability review***.
06/13 – 04/14	**Stage 0 Feasibility Study – US 190 Roundabout and Ped Improvements, LADOTD, St. Tammany, LA.** *Traffic Engineer.* Responsible for ***roundabout geometric design*** and ***pedestrian and bike path design*** along the US 190 corridor in the City of Slidell and St. Tammany Parish to improve safety for motorized and non-motorized roadway users.
12/17 – 11/19	**Stage 0 Feasibility Study - Causeway Boulevard Widening, Jefferson Parish, LA.** *Project Manager / Traffic Engineer.* Responsible for the ***traffic and safety study*** for the proposed widening of Causeway Boulevard between Metairie Rd. and West Esplanade Blvd. in Jefferson Parish, LA. Tasks included ***data collection***, traffic volume redistribution, left-turn placement and turn bay storage length, and existing traffic analysis and future traffic analysis of a preferred alternative.
11/20 – Ongoing	**I-10 CMAR, LADOTD, East Baton Rouge Parish, LA.** *Project Manager.* Responsible for ***traffic engineering*** tasks including development of permanent signing plans, traffic signal plans, interchange modification reports, and transportation managemnet plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. Extensive ***historical crash and safety analysis*** is being performed in support of the IMR and TMP. One critical component of the project is maintaining traffic during the construction of new bridge structures. ***Multiple scenarios*** are being evaluated using a calibrated mesoscopic model to determine the impacts during construction.
05/14 – 08/20	**Causeway Blvd. at Earhart Expwy. Interchange, LADOTD, Jefferson Parish, LA.** *Traffic/Civil Engineer.* Responsible for the design of traffic control and construction sequencing, ***pavement marking layout***, quantity analysis, ***cost estimates***, and quality control for a new interchange at LA 3139 (Earhart Expwy.) and LA 3046 (Causeway Blvd.) in Jefferson Parish, LA. Provided review for the interchange traffic sign and traffic signal timings and design. Identified all necessary ***design waivers and design exceptions*** required for LADOTD approval. Provided ***geometric layout design***, typical section design and review, and joint layout design for several interchange ramps and underpasses.
10/18 – 01/19	**LA 22 Traffic Circulation and Corridor Analysis, NORPC, St. Tammany Parish, LA.** *Traffic Engineer.* Responsible for the development of three future alternatives along Northshore Boulevard between I-12 and US 190 in Slidell, LA. Managed the ***data collection*** process and peak period observations to determine existing traffic patterns as well as the ***safety analysis*** along the corridor. Developed three alternatives that used a combination of traffic signal retiming, J-turns, and roundabouts to provide better ***access management*** along Northshore Boulevard as well as improve traffic flow in the corridor for current and proposed future conditions with consideration given to proposed future developments using trip generation and land use analysis.
01/10 – 04/11, 07/13 – 01/14	**Stumberg Lane Extension, City of Baton Rouge Green Light Plan, East Baton Rouge Parish, LA.** *Traffic Engineer.* Responsible for the ***design of new traffic signals*** at US 61 (Airline Highway) and LA 73 (Jefferson Highway) for the extension of Stumberg Lane in Baton Rouge, LA. Also, responsible for the ***design and layout*** of the fiber optic interconnect along the proposed extension.
05/09 – 07/13	**LA 23 Widening (Lapalco Blvd. – Engineers Rd.), LADOTD, Jefferson and Plaquemines Parishes, LA.** *Traffic/Civil Engineer.* Responsible for the ***road design and geometrics*** for the widening of LA 23 in Jefferson and Plaquemines Parishes between Lapalco Blvd. (LA 428) and Engineers Rd. (LA 3017). Developed ***traffic analysis*** for the traffic signal timing and required turn bay lengths at intersections. Developed traffic signing plans, pavement marking layouts and temporary traffic control plans.

Firm employed by: digital engineering				Meets MPR No. 6
Name	David G. LeBreton, P.E., PTOE, PTP, RSP1		Years of relevant experience with this employer	17
Title	Principal Transportation Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2007 / Civil Engineering	
Active registration number / state / expiration date			PE.0037176 / LA / Exp. 09/30/26; PTOE #3333/ USA / Exp. 11/2027; PTP #661 / Exp. 03/28; RSP #314 / Exp. 07/25;	
Year registered	2012	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			**Roadway Design, Stage 0, Complete Streets / Planning**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. LeBreton offers 14 years of experiences with **safety studies and design**, **traffic analysis**, **traffic operations**, **roadway and drainage design**, and construction phase services. David has performed studies, design, and/or construction engineering and inspection on 48 LADOTD/LPA Projects through the Safe Routes to School (SRTS), Safe Routes to Public Places (SRTPPP), and Local Road Safety Programs (LRSP) throughout the state, in both rural and urban areas. David completed training including LADOTD SIDRA Intersection and Roundabout Analysis Update Workshop; RPC/LDOTD Designing Streets for Pedestrian and Bicycles Workshop. He is proficient with AASHTO's Guide for the Development of Bicycle Facilities, MUTCD, ADA and LADOTD requirements. **Mr. LeBreton meets Minimum Personnel Requirement Number 6.**
11/17 – 09/21	**Safe Routes to Schools Program - New Orleans DPW SRTS Sidewalk Project and Multi-Modal Safety Improvements, LADOTD, New Orleans, LA.** *Project Manager* for this pedestrian enhancement, sidewalk, signing and pavement marking, and road safety project. Responsible for the overall project management, QA/QC, budgeting, and scheduling for this contract. The scope of this project consists of the development of a ***feasibility study and engineering plans and non-standard specifications*** for the installation of 5' concrete sidewalks, 10' wide multi-use paths, road diet bike lanes, HAWK Pedestrian Hybrid Beacon, solar powered school zone flashing beacon, ADA compliant curb ramps and pedestrian crosswalks, and pedestrian countdown signal heads with accessible pedestrian pushbuttons.
11/17 – 11/24	**Stage 0 Feasibility Study and Design – W. Judge Perez Road, NORPC, St. Bernard Parish, LA.** *Senior Project Manager and QA/QC Manager* on feasibility study for NORPC to ***identify alternatives*** along the W Judge Perez Drive (LA 39) corridor between Rowley Boulevard and Pakenham Drive to improve safety for all users with emphasis on non- motorized traffic safety. He was responsible for the oversight of planning and engineering of the site investigations, ***data collections***, ***preliminary drawing layouts***, ***cost estimating***, ***Stage 0 Environmental and Budget Checklist***, and final report. The project also included the developement of ***preliminary and final design plans*** for propsoed safety improvements.
10/17 – 06/18	**Stage 0 Feasibility Study- Selected Corridors Hammond, LA.** *QAQC Manager* for a ***Feasibility Study*** for the selected corridors that focused on accessibility and connectivity improvements such as sidewalk replacements, addressing non-compliant ADA handicapped curbs and ramps, bike lane markings, and shared lane markings. ***Conceptual Plans***, ***Cost Estimates***, ***Stage 0 Environmental and Budget Checklists*** were performed as part of the ultimate Study. These improvements were part of the City of Hammond's Bicycle/Pedestrian Master Plan.
04/12 – 04/19	**Gretna Sidewalks and Safety Improvements, LADOTD, Gretna, LA.** *Engineer of Record/Project Manager* for this pedestrian enhancement, sidewalk, and road safety improvement project. He was responsible for overall project management, QA/QC,

	budgeting, and scheduling for development of a ***feasibility study and engineering plans and non-standard specifications*** for the installation and/or relocation of concrete sidewalks and crosswalks to allow for continuous pedestrian access to a number of schools within the City of Gretna.
06/16 – 10/18	**Audubon Avenue and Ardoyne Drive Mini Roundabout, LADOTD, Thibodaux, LA.** *Engineer of Record/Project Manager* for this Local Road Safety Program road safety improvement project. The ***feasibility study***, ***design of the improvements*** (sidewalks, ADA accessible curb ramps, cross walks, and signage and striping, etc.), ***geometric layout***, ***quantity takeoffs***, ***plan preparation***, development of technical specifications (TS), development of the QA/QC and constructability and biddability forms were performed under David's direct supervision. The scope of this project involved the installation of a new mini-roundabout at the intersection of Audubon Avenue and Ardoyne Drive.
09/17 – 12/21	**Bootlegger Road Shared Use Path, St. Tammany Parish, LA.** *QA/QC Manager* for ***Stage 0 Feasibility Study***, ***project design***, budgeting, and ***cost estimating*** for this contract involving alternatives of a 6' wide sidewalk on the north side of Bootlegger Road or a 10' wide shared use path on the south side of the road. This sidewalk will safely connect neighborhoods to the existing park and school and is part of a phasing plan that will ultimately connect LA1077 to Ochsner Boulevard. Ultimately the north sidewalk was chosen as the feasibility study determined the south option not constructible within the project budget.
06/11 – 03/14	**Thibodaux Traffic Study, LADOTD, Thibodaux, LA**. *Project Engineer* for this ***traffic study*** including twenty-four-hour traffic counts that were taken along all roadways in the study area as well as peak hour AM and PM turning movement counts that were also taken at the Canal and 7th Street intersection in Thibodeaux. David also performed field assessments to document parking patterns and to help determine a solution for downtown Thibodaux's on street parking problems.
08/09 – 07/12	**Loyola Drive Right Turn Lane at I-10, LADOTD, Kenner, LA.** *Project Engineer* for the design of an exclusive right turn lane onto I-10 westbound by widening Loyola Drive. The project involved the relocation of a median U-turn, a ***signal warrant analysis*** at Loyola Drive and I-10, and the preparation of Categorical Exclusion paperwork.
04/13 – 04/16	**Retainer Contract for Statewide Traffic Counts, LADOTD, Districts 03, 07 and 08.** *Project Manager* providing ***traffic and transportation analyses*** at proposed sites throughout the State of Louisiana for a 3-year period. Types of counts to be provided include: 7 day, 24-Hour Counts (non-interstate); 7-day, 24-Hour Counts (interstate) (4 or 6 lanes); 24-Hour Traffic Counts; 48-Hour Traffic Counts; Turning Movement Counts (Peak Hour Counts); Turning Movement Counts (Non-Peak Hour Counts); 15 Minute Counts with Demand Volumes Included (Peak/Non-Peak Hour Counts); Speed Studies; ***Warrant Analysis.***

Firm employed by: digital engineering				Meets MPR No. 6
Name	Taylor Marino, P.E., PTOE, RSP1		Years of relevant experience with this employer	9
Title	Transportation Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2015 / Civil Engineering		
Active registration number / state / expiration date		PE.44447 / LA / Exp. 09/26; PTOE #5026 / LA / Exp. 04/27; RSP1 #810 / LA / Exp. 03/28;		
Year registered	2020	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		**Roadway Design, Stage 0, Complete Streets / Planning**		

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Marino is a Transportation Engineer performing **roadway design including low-cost safety design and pedestrian facility design**, **traffic impact analysis** and **traffic signal design**. His experience includes scoping, cost estimation and construction scheduling. To date, Taylor has provided project engineering for studies, design, and/or construction engineering and inspection on 27 LADOTD/LPA Projects through the **Safe Routes to School (SRTS), Safe Routes to Public Places (SRTPPP), and Local Road Safety Programs (LRSP)** throughout the state, in both rural and urban areas. He is proficient with AASHTO, MUTCD and LADOTD requirements. **Mr. Marino meets Minimum Personnel Requirement Number 6.**
09/18 – 09/21	**Safe Routes to Schools - New Orleans DPW SRTS Sidewalk Project and Multi-modal Safety Improvements, New Orleans, LA.** *Transportation Engineer.* Responsible for the design of pedestrian enhancement, ***traffic analysis, sidewalk, signing, and pavement marking***. The road safety improvement project included the ***feasibility report***, design, ***cost estimation***, and scheduling. Developed a feasibility study and engineering plans and non-standard specifications for the installation of 5' concrete sidewalks, 10' wide multi-use paths, road diet bike lanes, HAWK Pedestrian Hybrid Beacon, solar powered school zone flashing beacon, ADA compliant curb ramps and pedestrian crosswalks, and pedestrian countdown signal heads with accessible pedestrian pushbuttons.
01/20 – 11/24	**Stage 0 Feasibility Study and Design – W. Judge Perez Road, NORPC, St. Bernard Parish, LA.** *Transportation Engineer.* Feasibility study for NORPC to ***identify alternatives*** along the W. Judge Perez Drive (LA 39) corridor between Rowley Boulevard and Pakenham Drive to improve safety for all users with emphasis on non-motorized traffic safety. Responsible for the oversight of planning and engineering of the site investigations, ***data collection***, traffic analysis, ***preliminary drawing layouts***, ***cost estimating***, and final report. The project also included the developement of ***preliminary and final design plans*** for proposed safety improvements.
10/17 – 06/18	**Stage 0 Feasibility Study – Selected Corridors, LADOTD, Hammond, LA.** *Engineer Intern.* Engineer Intern for a ***feasibility study*** for the selected corridors that focused on accessibility and connectivity improvements such as sidewalk replacements, addressing non-compliant ADA handicapped curbs and ramps, bike lane markings, and shared lane markings. These improvements were part of the City of Hammond's Bicycle/Pedestrian Master Plan. ***Conceptual Plans***, ***Cost Estimates***, ***Stage 0 Environmental and Budget Checklists*** were performed as part of the ultimate Study.

10/18 – 04/19	**Stage 0 Feasibility Study - Selected Corridors, LADOTD, Covington, LA.** *Engineer Intern.* Responsible for developing a ***feasibility study*** to identify improvements along the corridors to enhance safety and operational efficiency for all users of the roadways with a focus on bike and pedestrian access. He provided support in provided ***conceptual design*** and ***cost estimates*** for geometric, signage/striping, and other proposed physical improvements consistent with the latest RPC/LADOTD Access Management and Complete Streets policies.
07/22 –10/23	**US167-Camellia Blvd-Churchill Drive, LADOTD, Lafayette Parish, LA.** *Transportation Engineer.* Responsible for the design of pedestrian enhancements, sidewalks, signing and pavement markings. Taylor developed ***project concepts***, ***quantity take-offs***, ***cost estimating***, and provided client/LPA coordination for the construction of sidewalks and ADA compliant handicapped curbed ramps, crosswalks, pedestrian signals and audible push buttons. A pedestrian traffic study was conducted as part of this safety design project in order to investigate the marked crosswalks warrants needed to stripe the crossings of a state route.
09/17 – 12/21	**Local Road Safety Program - Bootlegger Road Shared Use Path, St. Tammany Parish, LA.** *Transportation Engineer.* Responsible for ***Stage 0 Feasibility Study***, ***project design***, ***cost estimating***, and scheduling for this contract involving alternatives of a 6' wide sidewalk on the north side of Bootlegger Road or a 10' wide shared use path on the south side of the road. This sidewalk will connect neighborhoods to the existing park and school and is part of a phasing plan that will ultimately connect LA1077 to Ochsner Boulevard. Ultimately the north sidewalk was chosen as the feasibility study determined the south option not constructible within the project budget. Developed final design plans for the proposed pedestrian safety improvements.
01/17 – 03/19	**Safe Routes to School Program, Covington Sidewalks & Other Safety Improvements, Covington, LA.** *Transportation Engineer.* for ***project design***, ***cost estimation***, and CE&I for this contract involving the addition of ADA compliant sidewalk from Pine View Middle School to N. Columbia St. to provide safe access for pedestrians to school. The project will require closing in existing ditches when the sidewalk will be placed and upgrading existing ramps and sidewalk to ADA compliance. All work was performed in accordance with MUTCD and LADOTD requirements.
11/18 –11/23	**Safe Routes to Public Places - Gretna Downtown Intersection, LADOTD, Gretna, LA.** *Transportation Engineer.* Responsible for the design of pedestrian enhancements, sidewalks, signing and pavement markings. He developed ***project concepts***, ***quantity take-offs***, ***cost estimating***, and provided client/LPA coordination for this SRTPP project involving the replacement of existing sidewalk with new sidewalks and ADA compliant handicapped curbed ramp, along with bulb outs at some the intersections to improve parking and decrease pedestrian walking lengths. This project also includes the reconstruction of traffic signal systems at two intersections, as well as the removal of span wire signals and replacement with mast arms. A pedestrian traffic study was conducted to investigate the marked crosswalks warrants needed to stripe the crossings of a state route and a pedestrian signal and audible push buttons are also proposed.

Firm employed by. ARCADIS

Name	Clara Foshee, PE, PTOE	Years of relevant experience with this employer	1
Title	Transportation Engineer	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS / 2015 / Civil Engineering, Louisiana State University	
Active registration number / state / expiration date		PE.0044568 / LA / Exp. 09/2026; PTOE #5800 / LA / 11/2027	
Year registered	2020	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		**Traffic Engineering, Stage 0**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Ms. Foshee is a Transportation Engineer specializing in traffic safety, **traffic engineering and design**, transportation management, and conceptual roadway design. Ms. Foshee has experience working on a range of transportation projects for LADOTD and various local municipalities pertaining to traffic and safety studies, corridor and intersection studies, access management, and pedestrian and bicycle improvements. She has experience with Highway Safety Manual and Highway Capacity Manual methods and is proficient in HCS, Synchro, and Sidra analysis software. **Ms. Foshee has completed the LADOTD Traffic Engineering Process and Report Training.**
03/22 – 07/23	**Morrison Road (Mayo – Bullard) Road Improvement Study, City of New Orleans / LADOTD; Orleans Parish, LA.** *Project Manager and Traffic Engineer*. Responsible for overseeing and managing project tasks including ***traffic data collection*** and analysis, warrant studies, traffic operational analysis, safety analysis, ***alternative and countermeasure development***, and ***conceptual drawings***.
04/23 – 07/23	**Distribution Center Traffic Impact Study, LADOTD; Ouachita Parish, LA.** *Project Manager and Traffic Engineer*. Responsible for overseeing and managing project tasks including ***traffic data collection*** and analysis, warrant studies, safety analysis, predictive traffic routing, traffic operational analysis, and ***alternative and countermeasure development***.
10/19 – 07/20	**LA 1065 at LA 3234 Intersection Control Evaluation, LADOTD; Tangipahoa Parish, LA.** *Traffic Engineer Intern*. Performed project tasks including ***traffic data collection*** and analysis, warrant studies, safety analysis, traffic operational analysis, and ***alternative development and analysis***.
06/18 – 03/20	**LA 445 at Interstate 12 Safety Assessment, LADOTD; Tangipahoa Parish, LA.** *Traffic Engineer Intern*. Performed project tasks focused on assessing safety operations of existing interchange and developing ***appropriate countermeasures*** to improve safety for motorists.
10/19 – 07/20	**LA 437 at Wymer/Planche Intersection Control Evaluation, LADOTD; St. Tammany Parish, LA.** *Traffic Engineer Intern*. Performed project tasks including ***traffic data collection*** and analysis, warrant studies, safety analysis, traffic operational analysis, and ***alternative development and analysis***.
02/17 – 10/18	**LA 22 at LA 21 / LA 1077 Roundabout Study, LADOTD; St. Tammany Parish, LA.** *Traffic Engineer Intern*. Performed project tasks including ***extensive traffic data collection*** and analysis, warrant studies, safety analysis, predictive traffic routing, traffic operational analysis, and ***alternative development and analysis***.
04/16 – 06/16	**LA 436 Road Safety Assessment, LADOTD; Washington Parish, LA.** *Traffic Engineer Intern*. Attended project condition assessment and performed project tasks focused on assessing safety operations of existing roadway and ***developing countermeasures*** to improve safety for all users.

Firm employed by. ARCADIS			
Name	Tait Karlson, PE, PTOE	Years of relevant experience with this employer	>1
Title	Senior Traffic Engineer	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization	MS / 2005 / Transportation Engineering, University of Florida BS / 2001 / Civil Engineering, University of Florida		
Active registration number / state / expiration date	PE.0040438 / LA / 09/30/2026; PTOE 3091 / USA / Exp. 07/20/2026		
Year registered	2016	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	**Traffic Engineering**		

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Karlson has over 20 years of experience in the field of traffic engineering. As a senior traffic engineer for Arcadis, his responsibilities include managing and delivering a range of traffic engineering tasks including intersection and corridor studies, safety studies, signal design, ITS design, **complete streets**, and access management studies. Project applications include **feasibility studies** and traffic and ITS design projects. He is proficient in relevant software including High Capacity Software (HCS), Synchro, Vissim, SIDRA, and MicroStation and is well versed in the policies and procedures in the Highway Capacity Manual, Highway Safety Manual, LADOTD manuals and EDSMs, and AASHTO Greenbook. **Tait has also completed the LADOTD Traffic Engineering Process and Report Training.**
05/17 – 03/19	**Stage 0 Feasibility Study - US 171 (MLK Blvd) Improvements, LADOTD, Lake Charles, LA.** *Senior Traffic Engineer*. Developed a calibrated VISSIM model for existing conditions and the future no-build conditions along US 171 in Lake Charles, LA. ***Alternative improvements*** were recommended and modeled to determine the best solutions to improve the corridor. The project included ***data collection***, development of growth rates, developing and calibrating an existing VISSIM model and ***evaluation and development of alternatives***. no-build and the alternatives, calibrating the models, developing the final report, and performing QA/QC review.
06/12 – 09/13	**Feasibility Study - Abrams Street (Cooper Street to Collins Street), City of Arlington, Tx.** *Traffic Engineer.* Performed a traffic and concept study as a part of the Abram Street Pilot Project (Cooper Street to Collins Street). The report further stated that the future design of Abram Street will have a direct impact on the City's ability to fully implement the Downtown Master Plan's vision to revitalize the downtown area. Traffic study identifies and estimates the potential diversion of Abram Street traffic to other area roadways as travel lane capacity is removed from the corridor. The concept study portion of the project ***develops concept alternatives*** for all modes of transportation and pedestrians. Tait was responsible for traffic analysis; ***alternative analysis and recommendations***; and preparation of the ***feasibility study report***.
09/11 – 05/12	**Feasibility Study – MS 30 at Lafayette CR 215/217, MDOT, MS.** *Traffic Engineer*. The project goal was to conduct a ***feasibility study*** and develop plans for proposed safety improvements at the intersection of MS 30 and CR 215/217. MDOT's goal was to implement improvements that would likely reduce crashes at this rural intersection while maintaining efficient traffic flow. The study concluded that construction of a roundabout would best address the critical needs of this intersection. Tait helped ***develop the concepts of the initial alternatives*** and then used the extensive procedure outlined in the Highway Safety Manual to perform the safety and ***benefit/cost analysis***.
09/23 – 12/24	**MS 15 From Audubon Drive to I-59, MDOT, Laurel, MS.** *Senior Traffic Engineer*. This project analysed and designed roadway improvements to enable safe and efficient access for users of Highway 15 in Laurel, MS. The assignment included preparing

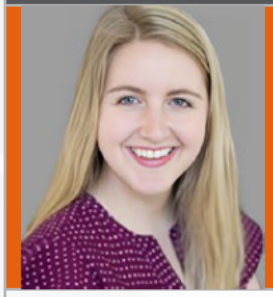
	traffic analysis and ***conceptual plans*** to convert the five-lanesection to a four-lane boulevard with strategically placed U-turns. This is expected to more safely and efficiently accommodate the large amount of traffic and significantly reduce crashes. The design was presented to the city council and the public.
06/23 – 02/24	**MS 161 from Walmart Entrance to 6th Street, MDOT, Clarksdale, MS.** *Senior Traffic Engineer*. This project consisted of ***analysing multiple alternatives of typical sections*** for the corridor to determine if a road diet would be feasible and ***developing conceptual plans***. The goal of the road diet was to provide pedestrians and bicyclists with safe means of travel throughout the corridor. The analysis included reviewing crashes, performing capacity analysis of the alternatives, and determining pedestrian and bicycle needs.
05/24 - Ongoing	**Scenic Highway Feasibility Study and Signal Design, City of Baton Rouge, East Baton Rouge Parish, LA.** *Senior Traffic Engineer*. Purpose of the project is to ***develop feasible alternatives*** that enhance safety and accessibility for non-motorized modes. Following the completion of the feasibility study, Arcadis is providing signal design for the preferred alternative, which includes signal upgrades at existing intersection and a new HAWK signal.
05/24 – 05/24	**SR-67 from US 49 to Lickskillet Road, MDOT, Harrison County, MS.** *Senior Traffic Engineer.* The roadway project along MS 67/SR 67 from Lickskillet Road to US 49 implements Restricted Crossing U-Turns (RCUTS) and the ***superstreet concept*** to improve traffic flow, address anticipated growth in the area, and increase safety by minimizing conflict points. The project also includes two signalized turnarounds at local roads and lighting improvements.

Firm employed by. ARCADIS			
Name	Czarina Patolilic, EI	Years of relevant experience with this employer	1
Title	Traffic Engineer Intern	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		BS / 2012 / Biological Engineering, Louisiana State University	
Active registration number / state / expiration date		EI.0031230 / LA / Exp. 03/2027	
Year registered	2012	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		**Traffic Engineering**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Ms. Patolilic possesses over 10 years of experience in the field of **traffic engineering**. She has experience working on a wide range of transportation projects for LADOTD pertaining to **traffic and safety studies**, corridor and intersection studies, access management, **Stage 0 feasibility studies,** transportation management plans, NEPA studies. She has experience with Synchro, Vistro, VISSIM, SIDRA, and MicroStation software. **Ms. Patolilic has completed the LADOTD Traffic Engineering Process and Report Training.**
03/22 – 08/23	**LA 30 from St. Anthony Ave to LA 44 Traffic Feasibility Study, City of Gonzales, Ascension Parish, LA.** *Traffic Engineer*. Responsible for the development of the traffic report for the LA 30 corridor study area that addressed congestion and safety concerns resulting from an increase in traffic volume from developments. Managed the ***data collection process*** and peak period observations to determine existing traffic patterns as well as the safety analysis along the corridor. Performed the traffic analysis for existing, no build, and future traffic conditions using Synchro and SIDRA to determine a ***preferred alternative*** which included ***access management strategies*** as well as ***roadway and intersection improvements***. Also, developed potential implementation phasing for the proposed alternative.
07/15 – 11/17	**I-10 at LA 42 IMR, LADOTD, East Baton Rouge Parish, LA.** *Task Manager*. Responsible for reviewing the submittals of the Interchange Modification report for the interchange improvements at the LA 42 interchange at Interstate 10. Specifically, ***reviewed and aided in the development of interchange alternatives*** using VISSIM that would improve existing capacity issues that included excessive queuing along LA 42 as well as the I-10 eastbound off ramp.
12/20 – 09/23	**LA 621 Realignment Mitigation – LA 73: from Norris Trail to C. Braud and LA 621 from LA 73 to L Landry Road, LADOTD, Ascension Parish, LA.** *Task Manager*. Responsible for reviewing the submittals of the traffic study for LA 73 from Norris Trail to C. Braud Rd and LA 621 from LA 73 to L Landry Rd to ensure that the mitigation of the realignment of LA 621 will not cause adverse effects to the area while applying ***access management principles.*** Other mitigation goals involved improving access for pedestrians/cyclists and intersection/signal improvements. Continued on to assist in the development of additional alternative modifications that ensure no adverse effects to the nearby Hollows of Dutchtown Subdivision.
04/18 – 02/20	**Stage 0 Feasibility Study - I-10 from LA 73 to LA 429, LADOTD, Ascension Parish, LA.** *Task Manager*. Responsible for reviewing the submittals of the ***traffic study*** for interchange improvements at the three locations of LA 73, LA 74, and LA 429 in Ascension, LA. Submittals included, ***data collection***, build volume methodology, ***existing safety analysis***, existing and no build ***traffic analysis*** with VISSIM, and a high-level interchange alternative analysis.

Grant Programs Support Specialists

Firm employed by. ARCADIS			
Name	Sara Lynch	Years of relevant experience with this employer	6
Title	Planning	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		MA / 2018 / City and Regional Planning, Georgia Institute of Technology MS / 2018 / Civil Engineering, Georgia Institute of Technology BA / 2014 / Biology, University of Mississippi	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		**Discretionary Grant Program**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Ms. Lynch is a transportation project manager and the mobility funding lead for Arcadis. Since 2022, **she has supported clients across the US to secure nearly $150 million in federal grant funding** for their transportation projects. Her strong interpersonal and management skills, bolstered by her technical background, allow her to effectively liaise with clients and manage interdisciplinary teams, ensuring project success. Her technical skills include **grant writing**, **benefit-cost analysis**, **stakeholder engagement**, and **data analysis**.
12/24 – Ongoing	**ODOT Statewide Discretionary Grants, Ohio Department of Transportation (ODOT) Office of Statewide Planning and Research.** *Application Lead and Benefit-Cost Analysis Advisor*. Supporting ODOT to pursue US Department of Transportation (USDOT) ***discretionary grant funding*** for their planning and construction projects across the state. The team expects to ***prepare 10-15 grant applications*** over 24 months, supporting ODOT to ***maximize the remaining federal funding*** through the Bipartisan Infrastructure Law (BIL). Specific tasks will include narrative development, project scoping, ***benefit-cost analysis***, cost estimating, consensus building, and supplemental technical analysis.
01/24 – 02/24	**New York City Department of Transportation (NYC DOT), MEGA FY24**. *Benefit-Cost Analysis (BCA) Team Lead*. Develop NYC DOT's ***FY24 USDOT MEGA application***, which was awarded $96 million to construct a 1.35-mile segment of the Inwood Manhattan Waterfront Greenway, a grade separated, two-way bike facility that will run along 10th Avenue and provide interborough connections. Quantified benefits included (1) reduced injuries and fatalities for bicyclists, pedestrians, scooters, and motorists; (2) travel time savings for transit passengers; (3) improved journey quality for transit passengers; (4) decreased mortality rates; (5) reduction in vehicle operating costs; (6) reduction in external use costs; (7) reduction in stormwater runoff and treatment costs; and (8) reduction in structural degradation and destruction of property due to flood inundation.
09/23 – Ongoing	**New York City Federal Funding Support, New York City Deputy Mayor's Office of Operations**. *Served as the liaison to New York City Department of Transportation (NYC DOT)*. providing technical support for ***federal discretionary applications***, identifying funding opportunities through the Bipartisan Infrastructure Law and Inflation Reduction Act, and supporting strategic planning for upcoming application cycles. Specific tasks include: 1) monitor and track discretionary funding programs; 2) complete fit-for-funding assessments to ensure project competitiveness; 3) application and benefit-cost analysis development; and 4) post-award support.

08/24 – 09/24	**City of Jersey City, New Jersey, Reconnecting Communities Program (RCP) FY24-26**. Spearheaded the development of Jersey City's ***FY24-26 Reconnecting Communities (RCP) Community Planning Grant application***, Sustainable Mobility in Jersey City: Morris Canal Greenway Continuity Planning, which requests funding for planning and design activities for five segments of the regional Morris Canal Greenway and Hackensack River Greenway. The greenways will mitigate the impacts of surrounding interstate and rail infrastructure that poses safety risks to active modes. As application lead, facilitated application development with city staff, oversaw development of cost estimates, lead the development of the project narrative, developed templates for supplemental application materials, and executed submittal.
01/23 – 02/23	**USDOT Discretionary Grant Application – FY 23 RAISE, New York City Housing Authority (NYCHA), New York, New York**. Spearheaded NYCHA's ***benefit-cost analysis (BCA) for NYCHA's FY 23 USDOT RAISE Capital Construction Grant application***, which was awarded $25 million to install SafeMicromobility storage facilities for e-bikes and e-scooters. ***Quantified benefits*** included reduction of fatalities caused by battery combustion fires and an induced demand of bike trips.
07/23 – 08/23	**USDOT Discretionary Grant Application – FY 23 PROTECT, New York City Department of Transportation (NYC DOT), New York, New York**. Supported development and review of NYC DOT's ***FY 23 PROTECT Capital Construction Grant application***, which was awarded $15 million for the replacement of Grand Street Bridge. Conducted data analysis and provided summary statistics on the impacts of future sea level rise on the bridge, as well as accessibility and connectivity benefits for active modes across the bridge.
08/23 – 09/23	**USDOT Discretionary Grant Application – FY 23 Reconnecting Communities, New York City Department of Transportation (NYC DOT), New York, New York**. Served as lead grant writer for NYC DOT's ***FY 23 Reconnecting Communities Program (RCP) Planning Grant application***, which was awarded $5.6 million to further planning work on the northern and southern sections of the Brooklyn-Queens Expressway (BQE). The application focused on advancing concept proposals such as highway capping and public realm improvements in order to mitigate the bifurcation impacts of the BQE.
08/24 – 09/24	**New York City Department of Transportation (NYC DOT), Reconnecting Communities Program (RCP) FY24-26.** *Application Lead*. Spearheaded the development of NYC DOT's ***FY24-26 Reconnecting Communities (RCP)***, Arches Plaza: Restoring the Community Fabric Under the Brooklyn Bridge, to transform abandoned space beneath the Brooklyn Bridge in Manhattan into a vibrant public plaza, which was awarded $2M for planning activities. As application lead, facilitated scoping discussions with staff leaders from relevant NYC DOT departments, coordinated ***cost estimates***, oversaw the development of the project narrative and ***benefit-cost analysis***, developed templates for ***supplemental grant application materials***, and ***supported stakeholder coordination***.

Firm employed by. ARCADIS			
Name	Laura Hartley, PE, PTOE	Years of relevant experience with this employer	14
Title	Senior Transportation Engineer	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS / 2006 / Civil Engineering, University of Mississippi	
Active registration number / state / expiration date		PE.0039030 / LA / Exp. 09/2026 Professional Traffic Operations Engineer PTOE 4322 Exp. 11/2026	
Year registered	2014	Discipline	Civil engineering
Contract role(s) / brief description of responsibilities		**Discretionary Grant Programs**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Ms. Hartley's experience includes developing Intelligent Transportation System (ITS), traffic and transportation planning projects for various Departments of Transportation and municipalities across the Southeast. Her ITS experience and responsibilities include a wide range of activities from overall program management and the initial planning and systems engineering analysis to design development, software requirements, implementation, integration, construction, operations, and maintenance. She has led several ITS architecture projects, developed multiple TSMO Master Plans, ITS Master plans, ITS Benefit Cost Analysis and Grant Applications.
04/23 – 06/23	**Charging and Fueling Infrastructure (CFI) Grant Application, Electrify MUSIC City: Municipality Upgrades for Stations and Integrated Charging, NDOT, Nashville, TN.** *Grant Specialist*. Developed an ***EV grant application*** for the CFI Discretionary Grant Program for the City of Nashville's Department of Transportation's Electrify MUSIC City project, which aims to establish a reliable and accessible Electric Vehicle Charging Infrastructure (EVCI) network for the Nashville community. The project involved conducting technical studies and developing four deliverables, including ***Budget Information and Cost Estimates*** for the program, ***Merit Criteria***, ***Project Narrative***, and ***Project Readiness***, which all focused on safety, climate change, equity, workforce development, and the vision of the CFI program. GIS was used to identify gaps across the existing EVCI network and determine optimal locations for the installation of EVCI using a set of parameters including flood zones, ***disadvantaged communities (DACs)***, population density, median income, railway stations, highway network, and existing EVCI network. Additionally, the services addressed risks and strategies for deployment, including public engagement and compliance with regulations like ***ADA and Justice40***.
01/23 – 03/23	**US 190 (Vine Street) Reconstruction RAISE Grant BCA, LADOTD, Opelousas, LA. Project** *Manager, Senior Transportation Engineer*. Project included providing support in the ***preparation of a Rebuilding America's Infrastructure with Sustainability and Equity (RAISE) grant application*** for DOTD for the reconstruction of Vine Street in the City of Opelousas. Laura served as the sub-consultant project manager and senior engineer in the development of the ***Benefit Cost Analysis for the grant application***. She also provided input and review on the project narrative, budget and merit criteria documents.
10/22 – 12/22	**SMART Grant Application for US Hwy 80, MDOT, Jackson, MS.** *Project Manager*. Provided project coordination, QAQC and oversight for the ***development of a SMART grant application*** along US Hwy 80 in Brandon and Hinds counties. This project was aimed to improve existing mobility and safety along the corridor by implementing a pilot regional traffic operations program and upgrading deteriorating and end-of-life equipment through this historically disadvantaged community. In addition to providing QAQC and local knowledge to the grant narrative, Laura was responsible for coordinating with MDOT in submitting all required materials and forms.

03/07 – 06/15	**ITS Integrator, Task 1: Program Management, MDOT, Jackson, MS.** Responsibilities included providing program level project management services and coordination, tracking, and reporting of ITS related projects, providing document control, developing program reports, developing outreach and marketing materials, ***developing grant applications***, presentations and award submittals and coordinating with other consultants and vendors. Developed or assisted in the development of the several grant applications under this project including a ***successful Tiger Grant application for MDOT***, ***LADOTD*** and ***AHTD***. Laura was also responsible for the development of several ITS policies under this task including document control and change management policies and was responsible for the development SEAs for over 15 MDOT ITS projects developed during this period.
03/07 – 06/15	**ITS Integrator Task 2: Planning Documents, Mississippi Department of Transportation (MDOT), Statewide, MS.** *Project Engineer*. Task 2 included providing updates to existing ITS planning documents and developing several new planning documents. Laura assisted in the development of the first Statewide ITS architecture and four regional Architectures, the development of the ***strategic deployment plan***, the development of the ITS master plan guidelines document, along with other planning documents. Laura also led the development of the update to the Statewide ITS Architecture and associated ***stakeholder workshops***, combining the four regional architectures to form one all-inclusive document. As part of this effort, she also developed a project-specific website to engage stakeholders, solicit additional feedback and ***promote a knowledge exchange***.
10/19 – Ongoing	**TSMO Program Planning and ITS Architectures, Texas Department of Transportation (TxDOT), San Antonio and Corpus Cristi, TX.** *Senior Transportation Engineer*. This project includes developing TSMO Program Plan and Architecture updates for TxDOT San Antonio District and the ITS Architecture for the Corpus Christi District. The program plan aims to institutionalize TSMO within the District by integrating traffic operations within planning, design, construction, operations and maintenance activities. Through ***close collaboration with TxDOT leadership***, a five-year roadmap for the District to improve capabilities in six TSMO dimensions and areas of traveler information, signal coordination, work zone management, and traffic incident management was developed. Efforts are currently underway to update the ITS Architectures. The focus of the ITS Architecture is to establish a framework to help regional stakeholders deploy and integrate their vast ITS infrastructure. As part of the TSMO program plan Laura was responsible for ***identifying focus areas*** and reviewing ***CMM assessments***. For the Architectures Laura is responsible for providing senior oversight, evaluating regional transportation needs and identifying suitable ITS service packages. Laura was also responsible for developing the ***Stakeholder Engagement Plans*** and supporting the ***stakeholder workshops***.
12/15 – 01/17, 02/16 – 01/18	**West Central Region and North Region TSM&O Conceptual Master Plan, Alabama Department of Transportation, North and West Central Region, AL.** *Project Manager and Project Engineer* for the development of Transportation System Management & Operation (TSM&O) Master Plans for ALDOT's West Central Region and North Region. Each project included the development of an Existing System Description and Needs and ***Benefit Analysis***, Deployment Recommendations, analysis of high traffic and safety hot-spots, existing deployments, proposed deployments and proposed diversion routes, a Regional Systems Engineering analysis, ***Stakeholder Meetings***, and ***a TSM&O Conceptual Master Plan***. The documents focus on the areas of Freeway and Arterial Management, Emergency / Incident Management, Special Event Management, Traveler Information, Freight Management, Travel Weather Management, and Work Zone Management. Laura was responsible for serving as the project manager and project engineer, providing ***project oversight and reporting***. She coordinated with team member to analyze the existing system and needs, led ***multiple stakeholder meetings and workshops*** and as responsible for the development of each Systems and Engineering Analysis and final TSM&O Conceptual Master Plan Documents.

Firm employed by. ARCADIS			
Name	Meredith Guidry, PE, RSP	Years of relevant experience with this employer	4
Title	EV & Grant Specialist	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		BS / 2020 / Civil Engineering, Louisiana State University	
Active registration number / state / expiration date		PE.0050062 / LA / Exp. 09/30/2025; RSP #861 / USA / Exp. 7/2025	
Year registered	2021	Discipline	Transportation Engineering
Contract role(s) / brief description of responsibilities		**Discretionary Grant Programs**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Ms. Guidry has gained experience preparing grant applications for several federal programs, conducting **benefit-cost analyses**, evaluating fleet **total costs of ownership**, and **assessing needs and solutions** for transit agencies and private companies transitioning to electric fleets. Her experience includes knowledge on equity and disadvantaged communities, electric vehicle (EV) **funding opportunities and incentives**, charging infrastructure for EVs, and greenhouse gas emissions produced by vehicles. Additionally, Ms. Guidry has worked on a variety of projects including crash safety analyses, volume analyses, Intersection Modification Reports, and building intersection and traffic signal models. Ms. Guidry is also familiar with the signing and marking regulations in the MUTCD. Her software skills include ArcGIS, MATLAB, and MicroStation. Ms. Guidry has completed LADOTD Traffic Engineering Process and Report Training.
01/23 – 03/23	**US 190 (Vine Street) Reconstruction RAISE Grant Benefit-Cost Analysis (BCA), LADOTD, Opelousas, LA**. *Grant Specialist*. Project included providing support in the ***preparation of a Rebuilding America's Infrastructure with Sustainability and Equity (RAISE) grant application*** for DOTD for the reconstruction of Vine Street in the City of Opelousas. The project aimed to reconstruct Vine Street to meet current design standards, addressing roadway deficiencies, sub-surface utility, clear zone, and corridor inadequacies, while ensuring safety for vehicles and pedestrians. Responsibilities included the development of the ***Benefit-Cost Analysis*** and accompanying report for the ***grant application*** following the US DOT's Guidance for Discretionary Grant Programs. Participated in the development and final review of other grant proposal documents, including the project narrative, budget, and merit criteria documents, as detailed in the US DOT's ***Notice of Funding Opportunity (NOFO)*** for the 2023 Raise Program.
7/23 – 11/23	**I-10: US 90 Bus. To Elysian Fields (NO) Project FY 2022 Reconnecting Communities Pilot (RCP) Discretionary Grant Program, LADOTD, New Orleans, LA**. *Grant Specialist*. Developed a ***Capital Construction Grant Application*** that told a compelling story to highlight project elements that aligned with the U.S. Department of Transportation's priorities. The project's scope of work involved a set of improvements to reclaim a New Orleans neighborhood riddled by historic inequities into a cultural amenity that serves to reconnect the sides of the divided neighborhood. The application included details on the project's funding and readiness, a description of the neighborhood's rich cultural history, a project overview, and letters of support from local stakeholders. The application also responded to seven merit criteria according to the RCP Program's NOFO, including ***Equity and Environmental Justice***; Access; Facility Suitability; Community Engagement and Community-Based Stewardship, Management, and Partnerships; ***Equitable Development***; ***Climate and Environment***; ***Workforce Development and Economic Opportunity***.
04/23 – 06/23	**Charging and Fueling Infrastructure (CFI) Grant Application, Electrify MUSIC City: Municipality Upgrades for Stations and Integrated Charging, NDOT, Nashville, TN**. *Grant Specialist*. Developed an ***EV grant application*** for the CFI Discretionary

	Grant Program for the City of Nashville's Department of Transportation's Electrify MUSIC City project, which aims to establish a reliable and accessible Electric Vehicle Charging Infrastructure (EVCI) network for the Nashville community. The project involved conducting technical studies and developing four deliverables, including ***Budget Information and Cost Estimates*** for the program, ***Merit Criteria***, ***Project Narrative***, and ***Project Readiness***, which all focused on safety, climate change, equity, workforce development, and the vision of the CFI program. GIS was used to identify gaps across the existing EVCI network and determine optimal locations for the installation of EVCI using a set of parameters including flood zones, ***disadvantaged communities (DACs)***, population density, median income, railway stations, highway network, and existing EVCI network. Additionally, the services addressed risks and strategies for deployment, including public engagement and compliance with regulations like ***ADA and Justice40***.
04/22 – 08/22	**EV Charging Infrastructure Deployment Plan & Alternative Fuel Corridor Grant Program Nominations, MDOT, Jackson, MS.** *EV Specialist*. Assisted in the development of the ***Alternate Fuel Corridors (AFC) nominations*** for MDOT. Provided multiple deliverables that reported on high level corridor information, including metropolitan areas and intermodal facilities along the corridor, corridor connectivity with the national network, cen***sus and demographics data for equity analyses and considerations***, utility data/electrical grid requirements to identify needs and potential challenges for EV charging station deployment, existing and future state-wide conditions that affect EV adoption and operation, known risks and challenges for EV deployment, ***assessment of state's use of federal funding from the National Electric Vehicle Infrastructure (NEVI) Formula Program*** measured by the amount of charging leveraged per Federal dollar, ***engagement with rural***, ***underserved***, ***and disadvantaged communities***, emergency and evacuation needs, State and Federal civil rights laws (including Title VI of the Civil Rights Act, the American with Disabilities Act (ADA), and Section 504 of the Rehabilitation Act), labor and workforce considerations, and the schedule and plan for evaluating performance in achieving 5-year goals and vision.
08/24 – Ongoing	**Strategic Fleet Electrification Plan, Government of the District of Columbia (DC), Washington DC.** *EV Specialist*. Developed a ***Fleet Electrification Roadmap***, prioritizing locations for EV charging infrastructure through detailed site and fleet assessments. Conducted a ***total cost of ownership analysis***, evaluating financial models, ***grants***, incentives, and potential carbon credits. Provided recommendations on vehicle, charger, and software selection, and optimized site designs for redundancy, resiliency, and energy management. Assessed vehicle-to-grid (V2G) feasibility and market opportunities.
06/22 – 03/23	**Fleet Electrification Plan, San Jose Water Company (SJWC), San Jose, CA.** *EV Specialist*. Assessed the client's fleet use and operations, fleet operational constraints, and facility needs potentially impacting EV adoption. Compiled a list of currently available and soon-to-be available electric vehicles and electric, light-, medium- and heavy-duty trucks that could potentially replace the client's gasoline-powered fleet of 225 vehicles. Performed a ***total cost of ownership analysis*** for major vehicle classes and a 10-***year budgetary cost estimate*** that considered the planning study, design and engineering work, construction and implementation, and additional operational costs. Developed an ***EV implementation plan*** that provided a detailed roadmap, schedule, and financial plan for deploying EVs and charging infrastructure. Aided the client in updating current vehicle policies and replacement schedules to better serve an electric fleet.

Firm employed by. ARCADIS			
Name	Kathleen Sarli, PE	Years of relevant experience with this employer	2
Title	Principal Planner	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		MBA / 2011 / Business Administration, Lake Erie College BE / 1992 / Civil Engineering, Cleveland State University	
Active registration number / state / expiration date		PE.64012 / OH / 12/2025	
Year registered	1999	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		**Discretionary Grant Program**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Ms. Sarli brings over 32 years of experience in Transportation Planning and Engineering. Her public sector project experience includes large, multi-discipline urban corridor planning and engineering assignments such as the SR 2 Lakeland Freeway improvement project, and the Opportunity Corridor project, as well as numerous planning studies ranging from local community studies to large regional plans, which included long range transportation plans, congestion management, complete and green streets, EV charging stations, regional bike and pedestrian plans, safety action plans and water quality management plans. Ms. Sarli has significant experience in funding and funding strategies, as well as grant development and grant management.
09/24 – Ongoing	**VAR–STW–Discretionary Grants 2025-1, ODOT, Statewide, OH.** *Project Manager.* The project involves developing a comprehensive grant strategy, including a "Fit for Funding Assessment" process to prioritize projects based on eligibility and competitiveness. Arcadis will provide preliminary engineering support, ***craft compelling grant narratives, conduct robust benefit-cost analyses (BCA)***, and facilitate stakeholder engagement to secure letters of support. The project includes a Grant Strategy Document, Preliminary Engineering Reports, a Grant Application Narrative, a Benefit-Cost Analysis, and supporting documentation.
10/23 – Ongoing	**CUY-14DA-00.15, ODOT, District 12, OH.** *Active Transportation Planning/Funding Strategy/Outreach*. This project is a feasibility study to examine the counterclockwise loop created by Miles Avenue (SR 43), Broadway Avenue (SR 14), Warner Road, Turney Road, Ella Avenue, and East 93rd Street in Cleveland, Ohio to address the three primary needs: asset deficiencies, safety, and mobility for all modes of transportation The project includes data collection, traffic forecasts, safety analysis, bridge analysis, roadway design, traffic modelling, traffic signal timing/optimization, traffic signal design, bus priority and bicycle lanes.
12/22 – 02/23	**Discretionary Grant Development, East Main Street Corridor Improvement Project, City of Kent, OH.** *Narrative Lead*. Developed a ***successful RAISE Grant application for the $25.5M of transportation investments*** along a 1-mile section of East Main Street (Ohio SR 59). The project will transform the corridor with a tree-lined center boulevard, wider sidewalks with a tree lawn buffer, enhanced and more visible crosswalks, a shared use path for bikes and pedestrians, two roundabouts, enhanced lighting, new bus pull-offs and shelters, and EV Charging Stations along the entire corridor. It will also improve accessibility to PARTA's Central Gateway transit hub in downtown Kent.

04/24 – 07/24	**Discretionary Grant Development, Tuscarawas Street West Corridor Safety Improvements, City of Canton, OH.** *Narrative Lead.* ***Developed an Active Transportation Infrastructure Investment Program Grant for the $26M*** Tuscarawas Street West Corridor Safety Improvements project. The project will replace, upgrade, and add new transportation infrastructure along the corridor to improve safety and operations for both motorized and non-motorized modes. The project will transform Tuscarawas Street West from a street dominated by motorized traffic to a complete street with streetscaping, active transportation, transit facilities, and innovative traffic control infrastructure.
11/23 – 03/24	**Discretionary Grant Development, PAU VAN US 30 Corridor Improvement Project, ODOT District 1, OH.** *Project Manager/Application Author.* ***Developed a MPDG Rural Grant, including BCA for the $29.7M*** US 30 Corridor Improvement Project to improve safety along the U.S. 30 corridor by reducing crashes at high-crash locations and addressing the frequency of wrong-way incidents; and provide a transportation facility that supports economic development and existing agricultural land uses along the corridor.
04/24 – 05/24	**Discretionary Grant Application, New York City Department of Economic Development Corporation (NYCEDC), New York, NY.** *BCA Contributor.* Developed a ***BCA for a MPDG grant application for the $273M*** pier and transportation infrastructure modernization at the 110-acre Brooklyn Marine Terminal project, which focused on preserving and expanding Red Hook Container Terminal while improving traffic and circulation across and around the Brooklyn Marine Terminal for pedestrians, vehicles, and cyclists. This required unique benefit factors to be developed.
04/14 – 06/14	**Discretionary Grant Application, Northeast Ohio Areawide Coordinating Agency (NOACA), Cleveland, OH.** *Project Manager/Application Author.* Developed a ***successful Accelerated Innovation Demonstration Grant application*** for the development of a transportation asset management program. Developed grant applications for Magnetic Levitation (MagLev), and High-Speed Intercity Passenger Rail (HISPR) programs for the Great Lakes Hyperloop Project.
10/22 – 01/24	**CUY-E. 93rd/E. 105th Multi-Modal, City of Cleveland and ODOT District 12, OH.** *Funding Strategy*. This project is a planning study and a feasibility study examining traffic, transit, bicycle and pedestrian operations to improve transit operation, improve traffic flow, improve safety, and enhance bicycle accommodations along 8 miles of city streets on the east side of Cleveland. The project includes data collection, traffic forecasts, safety analysis, roadway design, traffic modelling, traffic signal timing/optimization, traffic signal design, bus priority and bicycle lanes.

Roadway and Bridge Engineers

Firm employed by. ARCADIS				Meets MPR No. 3
Name	Jose L. Rodriguez, PE		Years of relevant experience with this employer	3
Title	Senior Roadway Engineer		Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization			BS / 1992 / Civil Engineering, University of New Orleans	
Active registration number / state / expiration date			PE.0030492 / LA / Exp. 03/2027	
Year registered	2003	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Roadway Design	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Rodriguez has more than 26 years of experience with roles of progressive responsibility as a civil engineer performing **roadway design**, bridge design, project management, hydraulic analysis, utility coordination, construction supervision, **cost estimating**, and project implementation for various clients in the states of Louisiana, Texas, Georgia, and North Carolina. Worked in close relationship with the Louisiana Department of Transportation, City of New Orleans Department of Public Works, New Orleans Sewer and Water Board, Plaquemines Parish, Jefferson Parish, St. Bernard Parish, U.S. Army Corps of Engineers, New Orleans Regional Planning Commission. Experience includes a wide range of project applications including **Stage 0 feasibility and safety studies**, safety design, **environmental assessments**, and design projects. Extensive experience in Inroads, Autodesk Civil 3d, Leap Bridge for Concrete Bridge Design, and Excel Spread Sheets. Served on the American Concrete Institute (ACI) Louisiana Board, becoming president of the Louisiana Chapter in 2010. **Mr. Rodriguez meets Minimum Personnel Requirement Number 3.**
04/23 – 01/25	**Stage 0 Studies IDIQ – LA 22 Tchefuncte River Bridge, LADOTD, St. Tammany Parish, LA.** *Lead Roadway Engineer*. Responsible for ***preliminary roadway and drainage design*** for a ***Stage 0 Feasibility Study*** to develop and ***evaluate feasible alternatives*** for the replacement of the LA 22 Tchefuncte River Bridge in Madisonville, LA. The bridge has a high frequency of opening due to marine traffic and low elevation above the river. Arcadis developed several bridge alternatives including fixed and moveable bridge options. Alternatives were evaluated with respect to ***construction cost***, ***ROW***, ***traffic and safety***, and environmental. All study methods and results were documented in a ***Stage 0 Feasibility Report*** with ***Preliminary Scope and Budget Checklist*** and ***Environmental Checklist***.
02/23 – 05/24	**Stage 0 Feasibility Study - District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA.** *Lead Roadway Engineer*. Responsible for contract management and technical advisory for this ***Stage 0 Feasibility*** study to ***develop and evaluate safety countermeasures to address pedestrian safety needs on 7 corridors within Caddo and Bossier Parish***. The study methodology was similar to that of a Road Safety Assessment, and included historical crash analysis and on-site field reviews to identify pedestrian safety needs. Countermeasures were developed in ***close coordination with project stakeholders*** including City of Bossier, City of Shreveport, NLCOG, Downtown Development Distriction, and District 04. Mr Rodriguez was responsible for developing ***conceptual desing drawings***, ***ROW and utility impacts***, and ***cost estimates*** for propsoed alternatives. Stakeholders also participated in virtual and on-site field reviews. Study data, methods, and results were documnted in a ***Stage 0 Feasibility Reports*** were completed for all 7 study corridors with ***Preliminary Scope and Budget Checklist*** and ***Environmental Checklist***. ***Benefit-cost analysis*** was provided to aid in prioritizing the implementation of countermeasures.

01/08 – 05/08	**Stage 0 Feasibility Study - I-12 to Bush Corridor Study Phase III, LADOTD, St. Tammany Parish (STP), LA.** *Roadway Designer.* Responsible for ***evaluating environmental issues and developing design alternatives*** in accordance with the ***National Environmental Policy Act (NEPA)*** for transportation improvements.
05/12 – 12/15	**Earhart Boulevard Causeway Interchange, LADOTD, New Orleans, LA.** *Roadway Designer.* Responsible for the ***geometric design and roadway plan preparation*** for the Earhart Boulevard-Causeway Interchange. The Earhart Boulevard Causeway Interchange purpose was to assist in traffic congestion relief for the east-west flow in traffic for the New Orleans Metro Area. It consisted of the development roadway and bridge ramps for the creation of an elevated signal-controlled interchange. The estimated construction cost for this project was approximately fifty-nine million dollars. Responsible for the ***development of all horizontal and vertical alignments*** for this project as well as roadway plan preparation, developing all ***roadway cross sections***, drainage design, utility conflict resolution and ***cost estimating*** for the project. Bentley InRoads was used for the development of the ***roadway plans*** for this project.
02/10 – 06/11	**I-10 from Veterans to Clearview, LADOTD, Metairie, LA.** *Roadway Designer.* Responsible for ***roadway plan preparation*** for widening 1.2 miles of I-10 from three lanes to five lanes in each direction. The project also included bridge work to accommodate the new roadway widening. Jose was also responsible for the alignment and design of concrete sound walls along the corridor. He helped implement an innovative two-sided concrete stamp process for the noise wall precast concrete panels.
07/09 – 07/15	**Peters Road Expansion, Phases I, II and III, LADOTD, Plaquemines, LA.** *Roadway Designer.* Responsible for the ***geometric design, plan preparation and wetland delineation*** of Peters Road Phases I, II and III. The projects consisted of a new roadway, elevated crossing over the Intracoastal Waterway, approach roadways in Jefferson and Plaquemines Parishes to tie Peters Road to Louisiana 23 near Barrier Road. The projects were prepared in coordination with Plaquemines, DOTD and the U.S. Army Corps of Engineers.
02/07 – 10/09	**John James Audubon Bridge Approach (Design-Build [DB]), LADOTD, New Roads, LA.** *Roadway Designer.* Responsible for the ***geometric horizontal and vertical alignment for five approach bridges*** to the John James Audubon Cable Stay Bridge. The longest cable-stayed bridge in the Western Hemisphere consisting of 1,583' main span. Jose was also in charge of the quality control for all bridge approaches and the design of all precast concrete girders for the project.
10/17 – 03/18	**Traffic Turn Lanes on Highway LA 3127, Yuhuang Chemical Inc., St. James, LA.** *Quality Control (QC).* Review for the ***design of two turn lanes*** into the Yuhuang Chemical Methanol plant in St. James Louisiana. During construction, Jose provided the owner, with construction design services for the duration of the construction phase.
12/15 – 01/16	**Magnolia Ridge Levee Project, City of New Orleans, St. Charles Parish, LA.** *Quality Control (QC).* QC review and ***plan preparation*** for the Magnolia Ridge Levee project for St. Charles Parish.
06/04 – 01/11	**Causeway Boulevard Interchange Improvements Phase I and II, LADOTD, Metairie, LA.** *Roadway Designer.* For the project, which consisted of widening Causeway Boulevard elevated structure at Veterans Boulevard and the construction of new at grade and elevated ramps to provide better accesses, improve safety and ease congestion at this heavily travel interchange. Responsible for evaluating existing girders, the design of new precast concrete girders and the ***roadway plan preparation*** for this project. Also, responsible for evaluating and design of new sewer and water lines for the project as well as coordinating the removal and replacement of all utilities affected by the new roadways or/and structure foundations.

Firm employed by. ARCADIS				Meets MPR No. 3
Name	David Fulks, PE		Years of relevant experience with this employer	18
Title	Roadway Design Engineer		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			MS / 2019 / Engineering Management, The George Washington University BS / 1997 / Civil Engineering, Portland State University	
Active registration number / state / expiration date			PE.030151 / LA / Exp. 09/2026	
Year registered	2002	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			**Roadway Design**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Fulks has more than **30 years of experience in the design of roadways and pedestrian facilities**, land developments, flood protection systems, and airports. His experience encompasses analysis and design of **geometric design** of highways, streets, sidewalks, restrictive intersections, roundabouts, and interchanges; site hydrology and hydraulics; and traffic impact analysis. His experience has been applied to a range of projects, from **Stage 0 feasibility and safety studies**, to design and construction plan development. His responsibilities have included preparing engineering designs, reports, plans, and specifications preparing and managing project schedules and cost estimates and providing construction administration. **Mr. Fulks meets Minimum Personnel Requirement Number 3.**
02/15 – 08/17	**Stage 0 Feasibility Study - US 71 Corridor Phase II, LADOTD, Rapides Parish, LA.** *Roadway Engineer.* Provided technical oversight for ***conceptual design*** drawing development as part of the preparation of a ***Stage 0 feasibility study*** for the purpose of enhancing mobility and safety on US 71 in Alexandria, LA. Completed ***Stage 0 documentation*** including ***Preliminary Scope and Budget and Environmental Checklists.***
12/13 – 06/15	**Stage 0 Feasibility Study - LA 3235, LADOTD, Lafourche Parish, LA..** *Lead Roadway Geometrics and Cost Engineer.* Designed ***geometric layout*** of safety improvements including access management, restrictive intersections, and added turn lanes. Developed ***construction cost estimates*** for proposed improvements to assess ***feasibility of proposed alternatives***.
05/14 – 05/15	**Safety Studies IDIQ - Joe Sevario / Roddy Road Roundabouts, LADOTD, Ascension Parish, LA.** *Task Manager and Lead Roadway Engineer.* ***Geometric and roadway design*** and ***cost estimates*** for the replacement of ten existing stop-controlled intersections with single-lane roundabouts.
07/15 – 06/17	**Safety Design IDIQ - US 190B at Jefferson Ave Roundabout, LADOTD, St. Tammany Parish, LA.** *Roadway Engineer.* ***Geometric and roadway design, preliminary plans preparation,*** and ***cost estimate*** for replacing an existing four-way signalized intersection with a single-lane elliptical roundabout.
11/14 – 10/15	**Safety Studies IDIQ - LA 44 and Loosemore Road Roundabout, LADOTD, Ascension Parish, LA.** *Deputy Project Manager and Lead Roadway Engineer.* ***Geometric and roadway design, preliminary subsurface utility investigation,*** and ***cost estimates*** for the replacement of an existing two-way stop-controlled intersection with either a single-lane roundabout or two single-lane roundabouts and right-in/right-out control at the existing intersection.
09/09 – 03/12	**I-20 Garrett Road Connector Interchange Improvements, LADOTD, Ouachita Parish, LA.** *Lead Engineer.* ***Geometry and roadway design*** of the new KCS Railroad overpass and connector between Kansas Lane and Garrett Road, including interstate interchange modifications to include two-lane roundabouts at ramp intersections, and three two-lane roundabouts along the

	corridor outside of the interchange. Improvements to the pedestrian and bicycle facilities were included in accordance with the LADOTD Complete Streets Policy.
01/14 – Ongoing	**Pete's Highway Interchange Alternative and Environmental Assessment, LADOTD, Livingston Parish, LA.** *Lead Roadway / Bridge Geometrics and Cost Engineer.* High-priority project completing an environmental assessment and traffic engineering services related to improving congestion and operations along Range Avenue in the vicinity of the I-12 interchange. Design alternatives included two split diamond interchange options with roundabout, partial clover leaves, and collector-distributor road components at both Range Avenue and the next existing, eastern overpass at Pete's Highway (LA 16) and a diverging diamond interchange alternative at Range Avenue. Developed ***roadway geometry, line and grade,*** construction sequencing strategies, and ***construction cost estimate.***
04/13 – 07/14	**US 11 Environmental Assessment, Bridge Replacement, and Roadway Improvements, LADOTD, St. Tammany Parish, LA.** *Lead Roadway Engineer.* ***Geometry and roadway design, line and grade study*** development, and ***cost estimates*** for the replacement of an historic railroad overpass bridge and upgrading an existing two-lane rural highway to a four-lane divided highway with access control. Early coordination with Norfolk Southern Railroad.
08/11 – 09/13	**Chef Menteur Bridge and Approaches Replacement EA and Line and Grade Study, LADOTD, Orleans Parish, LA.** *Lead Roadway/Bridge Geometrics and Cost Engineer.* Responsible for preparing the proposed ***geometric configurations of a bridge replacement at Chef Menteur Pass.*** Investigated four alignments as well as both low-level moveable and high-level fixed span bridge configurations. Performed detailed ***geometric layouts*** of the mainline highway, bridge, and adjacent roadways to ***mitigate impacts to environmentally sensitive resources*** and local residential, commercial, and historical interests.
09/12 – 09/13	**US 165 Connector and Ouachita River Bridge EIS, LADOTD, Ouachita Parish, LA.** *Roadway Design Engineer.* Responsible for preparing ***roadway and bridge general plan designs, line and grade*** report development, and ***cost estimates*** for a new five-mile elevated highway through Chauvin Swamp north of Monroe, LA. An in-town corridor was also developed which entailed upgrading Louisville Avenue and Hudson Lane in Monroe, the Lea Joyner Bridge over the Ouachita River, and Stella Street in West Monroe to function as a one-way couplet. ***Early coordination with Delta Southern Railroad*** was included.
06/00 – 12/00	**Hesper and Helios Avenue Street Rehabilitation, Jefferson Parish Engineering Department, Harvey, LA.** *Roadway Engineer.* Completed inspections and rehabilitation recommendations for eight blocks of local streets. Rehabilitation required demolition and replacement of concrete road panels, milling and overlay of asphalt surfaces, and installation of drainage inlets and subsurface drainage, as well as replacement of damaged and under-performing subsurface drainage. Performed inspections, ***collaborated with Parish representatives and utility companies,*** identified appropriate rehabilitation measures, and ***produced plans*** illustrating the rehabilitation recommendations.
02/09 – 4/10	**US 90 – WBV 73 Western Tie-In Crossing Lake Cataouatche Area, United States Army Corps of Engineers (USACE) – New Orleans District, Jefferson Parish & St. Charles Parish, LA.** *Deputy Project Manager and Lead Roadway / Drainage Engineer.* Development of ***preliminary and final design*** P&S for a 2,540-foot PPC girder / column bent bridge, highway approaches, and frontage roadways.

Firm employed by:	BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS		
Name	Joseph F. Mingo, PE	Years of relevant experience with this employer	10
Title	Civil Engineer	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		Bachelor of Science / 2014 / Civil Engineering	
Active registration number / state / expiration date		PE.0043700 / LA / Exp. 03/2026	
Year registered	2019	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		**Roadway Design, Stage 0**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Mingo has more than 10 years of experience working on projects related to **road design**. He has worked on **feasibility studies and design projects** involving roadway rehabilitation, widening, roundabout, intersection improvement, **shared use path**, **safety improvements**, and lighting design projects. His primary responsibilities include design development, design plan preparation and detailing, design quantity calculations, and cost estimation. These duties require extensive knowledge and use of MicroStation and InRoads design software. He has successfully completed the three modules of the Traffic Engineering Process and Report course and has satisfied the requirements to be designated as a Certified Flagger, Traffic Control Technician, and Traffic Control Supervisor.
08/18 – 02/22	**LA 931 and Roddy Road Roundabout and Safety Design, Ascension Parish, Gonzales, LA.** *Roadway Design Engineer*. Mr. Mingo is responsible for using MicroStation and InRoads to ***design and prepare design plans*** for the single-lane roundabout, using LADOTD HYDR programs and InRoads Storm & Sanitary to ***design the subsurface drainage***, and ***coordinating with the client*** to incorporate any wants and concerns. Providing design services for a new single-lane asphalt roundabout at the intersection of LA 931 and Roddy Road in Gonzales, LA. Services include preparing a roundabout report (crash analysis, ***cost-benefit analysis***, traffic analysis, speed study, safety analysis), electrical lighting design, subsurface drainage, permit application, ***preliminary and final design plans***, specifications, special provisions, ***construction estimates***, and calculations.
11/18 – 03/21	**Safety Studies IDIQ - LA 3040 Stage 0 Safety Feasibility Study, Houma, LA.** *Roadway Design Engineer.* Performed a ***feasibility study*** to identify safety and/or operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA and ***evaluate reasonable alternatives*** to address any deficiencies discovered. Responsible for performing peak period observations in the field and safety analysis using CATScan.
02/16 - 02/17	**Stage 0 Feasibility Study for LA 182 Sidewalk and Handicap Ramp Improvements, LADOTD, New Iberia, LA.** *Roadway Design Engineer*. Mr. Mingo was responsible for scoping, ***alternative development***, ***environmental documentation***, ***report preparation***, and ***cost estimation***. Conducted a ***Feasibility and Planning Study*** (referred to by LADOTD as a ***"Stage 0" Study***) to evaluate the feasibility of the rehabilitation and construction of approximately 1.8 miles of continuous sidewalks and handicap curb ramps along LA 182 in Iberia Parish, LA.
06/19 – 02/21	**US 167 Stage 0 Feasibility and Planning Study, Elsie Street to Gilbert Drive, Ville Platte, LA.** *Roadway Design Engineer*. BH prepared a ***Stage 0 Feasibility and planning study*** to evaluate the addition of a third lane to US 167 from Elsie Street south to a point past Gilbert Drive. ***Environmental impacts*** and ***cost estimates*** were prepared. Responsible for performing preliminary roadway design and safety analysis using CATscan.

09/15 – 03/17	**LA 19 Widening (LA 64 to Sunset Boulevard) Stage 0 Feasibility Study, LADOTD, Baton Rouge, LA.** *Roadway Design Engineer.* Mr. Mingo was responsible for ***alternative development***, crash and safety analysis, ***environmental documentation***, ***report preparation***, and ***cost estimation***. Prepared a ***Feasibility and Planning Study*** and ***Environmental Inventory*** according to the LADOTD Manual of Standard Practice to evaluate the feasibility of widening 1.4 miles of LA 19 from LA 64 to Sunset Boulevard per the Cooperative Endeavor Agreement (CEA) between LADOTD and the City of Zachary.
11/21 - Ongoing	**Local Roads Safety Initiative, Multiple Counties in Tennessee:** *Roadway Design Engineer.* Mr. Mingo is responsible for crash data collection and production of crash diagrams, ***report and cost estimate preparation***, as well as development of the signing and striping plan. Providing engineering services to TDOT for their Local Roads Safety Initiative (LRSI) program in Region 4 (West Tennessee). The LRSI is a federally funded program focused on improving safety on local routes using traffic and crash data. Proposed improvements are based on data summaries, field reviews, ***stakeholder meetings***, and additional analysis. Road Safety Audits (RSAs) are often conducted. Develops signed RSA report, plans, contract packet, and all necessary backup data for project letting.
05/21 – 11/24	**Jefferson Highway at Corporate Intersection Improvements, City of Baton Rouge/Parish of East Baton Rouge, LA.** *Roadway Design Engineer*. Mr. Mingo was responsible for the design of turn lanes at the signalized intersection as well as ***development of preliminary and final Design Plans***. Provided design to extend existing and incorporate additional turning lanes, where necessary, to increase storage length and improve capacity. In addition to turning lane improvements, pedestrian facility and driveway access enhancements were made to improve safety, pedestrian connectivity to transit facilities, and ***access management***.
11/23 - Ongoing	**Sylvan Avenue Trail, City of Pittsburgh, Pittsburgh, PA.** *Roadway Design Engineer*. Mr. Mingo is responsible for using MicroStation and InRoads to ***develop the horizontal and vertical alignments*** for a shared-use path connection. He is responsible for the ***development of the Line, Grade, and Typical submission as well as cross sections***. BH is providing the design and development of bid documents for the construction of a shared-use path along the existing Sylvan Avenue right-of-way between Home Rule Street and Waldeck Street within the City of Pittsburgh (City).
10/17 – 09/24	**New Roundabout, Parish Road 929 at Parker Road, Ascension Parish, Prairieville, LA.** *Roadway Design Engineer*. Mr. Mingo was responsible for using MicroStation and InRoads to ***design and prepare design plans*** for the single-lane roundabout as a part of the MoveAscension initiative, using LADOTD HYDR programs and InRoads Storm & Sanitary to design the subsurface drainage, and coordinating with the client to incorporate any wants and concerns. Prepared the design of a single-lane asphalt roundabout at the intersection of Parish Road 929 and Parker Road to replace the existing stop-controlled intersection. Services include topographic survey, ***preliminary and final roundabout plans and specifications***, right of way maps, subsurface utility engineering (SUE), and construction engineering and inspection.
11/13 – 08/19	**Safety Design IDIQ - US 425 Roundabout Design, LADOTD, Rayville, LA.** *Roadway Design Engineer.* Mr. Mingo was responsible for assisting with the ***development of final design plans*** for the multi-lane roundabout. Provided the design of a new six-legged roundabout at the intersection of US 425, Grimshaw Street, and Christian Drive and relocation of an existing frontage road, including construction phasing, ***quantity calculations***, ***cost estimates***, and drainage design.

Firm employed by:	BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS		
Name	Caldwell (Cal) Joy, PE	Years of relevant experience with this employer	4
Title	Senior Transportation Engineer	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		Bachelor of Science / 2012 / Civil Engineering	
Active registration number / state / expiration date		PE.0043830 / LA / Exp. 03/2026	
Year registered	2019	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		**Roadway Design**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Joy has more than 12 years of experience in the field of civil engineering. Design projects he has worked on include roadway rehabilitation, **feasibility studies**, safety studies, new construction, widening, low-cost safety design including sidewalks, signals and intersections, and roundabout design for state highways and local roads. He is primarily responsible for **design plan preparation and detailing**, typical section development, **design quantity calculations**, and **cost estimation**, which require extensive use of MicroStation and InRoads. He has successfully completed the three modules of the Traffic Engineering Process and Report course and has satisfied the requirements to be designated as a Certified Flagger, Traffic Control Technician, and Traffic Control Supervisor.
06/21 – 02/22	**LA 931 and Roddy Road Roundabout and Safety Design, Ascension Parish, Gonzales, LA.** *Senior Transportation Engineer.* This intersection historically involved high frequency and high severity crashes. This project was funded through the MoveAscension Initiative and addresses traffic mobility and safety issues. Provided design services for a new single-lane asphalt roundabout at the intersection of LA 931 and Roddy Road in Gonzales, LA. Services included preparing a roundabout report (crash analysis, ***cost-benefit analysis***, traffic analysis, speed study, safety analysis), electrical lighting design, subsurface drainage, permit application, ***preliminary and final design plans***, specifications, special provisions, ***construction estimates***, and engineering calculations. This local roadway intersects a state route, resulting in LADOTD project permit requirements. The design complied with state and federal guidelines and received LADOTD review and approval.
03/21 – 06/23	**Safety Studies IDIQ - LA 3040 Stage 0 Safety Feasibility Study, LADOTD, Houma, LA.** *Project Manager and Senior Transportation Engineer.* Responsible for ***coordinating with all agencies and stakeholders*** for the development of safety improvement alternatives and ***Stage 0 document preparation***. Performed a study to identify safety and/or operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA and develop feasible alternatives.
06/21 – 08/22	**Safety Studies IDIQ - US 61 from Cardinal Drive to Bert Street, LADOTD, LaPlace, LA.** *Senior Transportation Engineer.* Performed a ***Stage 0 safety feasibility study*** along approximately three miles of Airline Highway (US 61) in Laplace, LA and ***develop feasible safety countermeasures*** to address the issues on US 61 between Bert Street and Cardinal Drive.
11/17 – 06/19	**Safe Routes to Schools/Local Road Safety Program - Ouachita Parish Sidewalks, Ouachita Parish, West Monroe, LA.** *Transportation Engineer.* This project involved ***design of low-cost safety improvements*** including sidewalk around three schools: Riser Elementary, Shady Grove Elementary, and Jack Hayes Elementary. Approximately 2.3 miles of sidewalk needed updating. A new redesign of all current sidewalks was needed to meet current LADOTD standards and help safely transport pedestrians. Updated widths, slopes, lengths, drainage, and driveways were all need to successfully complete this project.

03/21 – 06/23	**Safety Studies IDIQ, LADOTD, Statewide.** *Project Manager and Senior Transportation Engineer.* Included ***Stage 0 feasibility studies***, road safety studies, ***preliminary and final road design plan development***, specifications, and ***engineers' estimates for low-cost safety improvements***, safety effectiveness evaluations, crash evaluations, and traffic analysis.
05/21 – 11/24	**Jefferson Highway at Corporate Intersection Improvements, East Baton Rouge Parish, LA.** *Project Manager and Senior Transportation Engineer.* Provided ***design to extend existing and incorporate additional turning lanes***, where necessary, to increase storage length and improve capacity. In addition to ***turning lane improvements***, pedestrian facility and driveway access enhancements were made to improve safety, pedestrian connectivity to transit facilities, and access management.
02/17 – 09/20	**Safe Routes to Schools/Local Road Safety Program - Endom Bridge Approach Realignment, Ouachita Parish, West Monroe, LA.** *Transportation Engineer.* This intersection at Endom Bridge had some serious sight distance issues and safety concerns coming off the bridge, as well as, high pedestrian volume in the area. The improvements made was an ***intersection realignment for better sight distance***, allowing trucks to make adequate turning movements off the bridge, and safely transporting pedestrians off the bridge and into the neighborhoods.
04/18 – 09/19	**Safe Routes to Public Places Program - Town of Farmerville Sidewalks, Union Parish, Farmerville, LA.** *Transportation Engineer.* This project included ***low-cost safety design*** for a set of two sections of sidewalks. One was to help transport pedestrians to the local school and the other was to help transport pedestrians to the library. Approximately 1.14 miles of sidewalk needed updating or newly constructed so they met ***current LADOTD standards*** and help safely transport pedestrians. Updated widths, slopes, lengths, drainage, and driveways were all need to successfully complete this project.
02/21 – 07/21	**US 84 Improvements, LADOTD, Winnfield, LA.** *Project Manager and Senior Transportation Engineer.* Tasked with the ***preparation of an Environmental Assessment*** in accordance with ***NEPA and FHWA regulations and guidelines*** for the proposed widening of US 84 in the Winnfield, LA area. Tasks performed to complete the ***environmental document*** included, but were not limited to: line and grade study; evaluation of archeological, cultural, social, economic, and environmental consequences; traffic study and modeling; safety analysis; ***Engineer's opinion of cost***; ***public outreach***; corridor preservation; cultural resources; section 404; and wetlands mitigation. A combination of nine build alternatives were developed with safety improvements such as roundabouts, access management, and widening.
08/21 – Ongoing	**West Metairie Avenue Restoration, Infinity Engineering Consultants/Jefferson Parish, LA.** *Senior Transportation Engineer.* Provided services associated with concrete roadway panel replacements and canal stability improvements on West Metairie Avenue from David Drive to Roosevelt Boulevard in Jefferson Parish. Conducted field visits to evaluate the condition of the existing concrete roadway and made recommendations for concrete panel improvements. Our staff provided ***engineering design***, ***plans and construction plans*** for the replacement of failed panels. Upon recommendation by the Parish, designed replacement of drainage structures and repairs to the Canal to prevent future erosion. In conjunction with the replacement of the drainage structures, Identified utility conflicts and made recommendations to resolve conflicts. This project includes plan and profile, suggested graphical grades, and suggested striping layout sheets.

Firm employed by: digital engineering			
Name	Stephanie Turner, P.E.	Years of relevant experience with this employer	4
Title	Senior Transportation Engineer	Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization		BS / 2010 / Civil Engineering	
Active registration number / state / expiration date		PE.0039490 / LA / Exp. 09.2025	
Year registered	2015	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		**Roadway Design, Complete Streets / Planning**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mrs. Turner is a senior transportation engineer with 13 years of experience in **roadway** design including design of pedestrian facilities and low-cost safety improvements for LADOTD and Louisiana Municipal Agencies. Her career began in the Road Design Section at LADOTD Headquarters, where she spent three years before transitioning to the private sector. Her experience is fortified by her knowledge of resources such as the LADOTD Road Design Manual, LADOTD Minimum Design Guidelines, LADOTD Traffic Engineering Manual, MUTCD, Louisiana Standard Specifications for Roads and Bridges, AASHTO Green Book, AASHTO Roadside Design Guide, as well as LADOTD Standard Plans and Special Details.
08/21 – 11/24	**Stage 0 Feasibility Study and Design – W. Judge Perez Road, NORPC, St. Bernard Parish, LA.** *Senior Transportation Engineer.* Feasibility study for NORPC to ***identify alternatives*** along the W. Judge Perez Drive (LA 39) corridor between Rowley Boulevard and Pakenham Drive to improve safety for all users with emphasis on non-motorized traffic safety. The project also included the developement of ***preliminary and final design plans*** for propsoed safety improvements.
08/21 – 07/22	**Curve Signing and Striping (Evangeline), LADOTD, Evangeline Parish, LA.** *Senior Transportation Engineer.* Responsible for ***design of local road safety improvements*** including signing and striping for 17 sites throughout Evangeline Parish. Stephanie performed a field inventory of the signing and striping and ball banking for 17 curves. She calculated location for signing and striping in curves and at intersections, reviewed and approved quantities, ***engineer's opinion of probable cost***, and ***Design Report***. Stephanie worked with the LADOTD Project Manager in order to perfect this set of plans so it could be used as the ***template for future Signing and Striping Safety Design IDIQ Projects.***
04/23 – Ongoing	**Morgan City Sidewalks and Shared Use Path, LADOTD, St. Mary Parish, LA.** *Senior Transportation Engineer.* Responsible for the ***design of pedestrian enhancements, sidewalk and shared use path*** project. The traffic study and the survey tasks are currently underway. Once these tasks are completed, Stephanie will coordinate with the City and LADOTD to determine certain design parameters based on the findings from the survey and the traffic study. This project will require subsurface drainage and possibly a retaining wall.
08/21 – 11/23	**Lake Charles Safe Routes to Schools Project – Barbe Elementary, LADOTD, Calcasieu Parish, LA.** *Senior Transportation Engineer.* Responsible for the ***development of plans for sidewalk enhancement and safety improvements***. The project involves new and reconstructed sidewalks along five (5) streets surrounding Barbe Elementary School and included 300 feet of subsurface drainage design and a sheet pile wall required in order to provide safe pedestrian access. Stephanie tracked the budget and schedule for this SRTS project, which also required ***development of curb ramp geometry*** as well as their locations.
08/21 – 07/23	**Local Road Safety Program - Jefferson Island Sidewalks, LADOTD, Iberia Parish, LA.** *Senior Transportation Engineer.* Responsible for the ***development of plans for pedestrian enhancements, sidewalks, signing and pavement markings*** project.

	Stephanie also performed review of design for 800 feet of subsurface drainage design for this LSRP project involving the addition of 1,470 linear feet of 5-foot-wide sidewalks for students to access Westgate High School and Sugarland Elementary School. Design includes drainage updates due to existing issues near one of the school's parking lots, main driveway updates, and the addition of a curb ramp near the end of the project site, and installation of ADA-compliant ramps in front of the schools.
04/23 – 02/24	**Local Road Striping & Signing, LADOTD, Bossier Parish, LA.** *Senior Transportation Engineer.* Responsible ***design of signing and striping plans for over 50 miles of roadway***, including eight (8) routes including approximately 119 curves. Stephanie created forms in ArcGIS Field Maps for use during the field inventory site visits, which allowed the team to locate more accurately the signing and striping along these routes for more efficient and accurate data collection. She also created forms for ball banking for each curve to make this process more efficient as well.
08/21 – 05/22	**Signing & Striping (Acadia), Acadia Parish, LADOTD, LA.** *Senior Transportation Engineer.* Responsible for ***design of the signing and striping for 19 sites throughout Acadia Parish***. Stephanie was responsible for calculation of location for signing and striping in curves and at intersections. She reviewed, and approved ***quantities***, ***engineer's opinion of probable cost***, and ***Design Report***. This project included field inventory of signing and striping for almost 30 miles including twenty-two (22) curves and six (6) routes as well as ball banking for every curve located within the project limits.

Firm employed by: digital engineering			
Name	Michael Flynn, PE	Years of relevant experience with this employer	6
Title	Transportation Engineer	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		BS / 2016 / Civil Engineering	
Active registration number / state / expiration date		PE.0044902 / LA / Exp. 03/2027	
Year registered	2020	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		**Roadway Design, Complete Streets / Planning**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Flynn serves as a Transportation Engineer supporting transportation and storm water projects that help to maintain or improve infrastructure in South Louisiana. His experience includes low-**cost safety design such as signing and striping improvements** and pedestrian facility improvements. He also has experience in the development of **Stage 0 Feasibility studies**. Prior to joining DE, Michael served as an Engineer Intern at LADOTD where he performed inspections, completed field tests, managed scheduling, and developed **cost estimates and quantities** for transportation projects such as roadway rehabilitation or new roadway construction.
09/18 – 09/21	**Safety Routes to Schools - New Orleans DPW SRTS Sidewalk Project and Multi-modal Safety Improvements, LADOTD, New Orleans, LA.** *Transportation Engineer.* Responsible for design of pedestrian enhancements, sidewalks, signing and pavement markings as part of this road safety project. He was responsible for site visits to determine where existing sidewalks and handicap ramps in the project area are suitable for ADA standards, and where sidewalks and handicap ramps must be replaced or added to comply with ADA standards. During the design phase, duties include the ***development of engineering plans and typical sections*** for or the installation of 5' concrete sidewalks, 10' wide multi-use paths, road diet bike lanes, HAWK Pedestrian Hybrid Beacon, solar powered school zone flashing beacon, ADA compliant curb ramps and pedestrian crosswalks, and pedestrian countdown signal heads with accessible pedestrian pushbuttons. During construction, the LPA requested a change to the striping along a roadway, Bienville Street, in this project. Michael provided Construction Support services by developing of the change order plans necessary for the implementation of the revised striping.
01/20 – 11/24	**Stage 0 Feasibility Study and Design – W. Judge Perez Road, NORPC, St. Bernard Parish, LA.** *Transportation Engineer*. Feasibility study for NORPC to ***identify alternatives*** along the W. Judge Perez Drive (LA 39) corridor between Rowley Boulevard and Pakenham Drive to improve safety for all users with emphasis on non-motorized traffic safety. Responsible for the oversight of planning and engineering of the site investigations, ***data collections***, ***preliminary drawing layouts***, ***cost estimating***, and final report. The project also included the developement of ***preliminary and final design plans*** for propsoed safety improvements.
04/21 – 09/21	**Stage 0 Feasibility Study - Goodbee / West St. Tammany LA 1077 Corridor Land Use and Transportation Study, St. Tammany Parish, LA.** *Transportation Engineer.* Land use and transportation study that reviewed the existing conditions of the corridor, existing and future land uses, ***traffic data collection*** and existing analysis, design year traffic analysis and modeling, ***conceptual plans and typical sections***, ***environmental documentation*** including the LADOTD ***Stage 0 Environmental and Budget Checklists***, ***Opinion of Probable Cost***, and ***Final Stage 0 Report Deliverables***.
08/21 – 05/23	**Local Road Safety Program - Signing & Striping (Acadia), LADOTD, Acadia Parish, LA.** *Transportation Engineer* responsible for the design and ***development of the final plans*** and ***construction cost estimate*** for the signing and striping along six local

	roadways and fifteen horizontal curves in Acadia Parish, as outlined in the sponsor's application and the scoping report developed by LADOTD. Michael conducted site visits to the local roads included in the project to complete site assessments and to perform ball-bank testing on roadway curves. The results of the ball-bank testing were used to determine the appropriate horizontal alignment warning signage and advisory speeds for roadway curves included in this LRSP project.
04/23 – 02/24	**Local Road Safety Program - Striping & Signing (Bossier), LADOTD, Bossier Parish, LA.** *Transportation Engineer.* Responsible for the ***design and development of the final plans*** and ***construction cost estimate*** for signing and striping plans, low-cost safety improvements along eight local roadways in Bossier Parish as outlined in the sponsor's application and the scoping report developed by LADOTD. Michael conducted site visits to the local roads included in the project in order to create an inventory of all existing signage and striping on the included roadways using a GIS system developed by members of DE. Additionally, he completed ball-bank testing for all roadway curves located along the local routes included in the project. The results of the ball-bank testing will be used to determine appropriate horizontal curve warning signage and advisory speeds in the roadway curves for this LRSP Project.
08/21 – 07/22	**Local Road Safety Program - Curve Signing and Striping (Evangeline), LADOTD, Evangeline Parish, LA.** *Transportation Engineer.* Responsible for the ***design and development of the final plans*** and ***construction cost estimate*** for signing and striping for 17 sites throughout Evangeline Parish. Michael conducted site visits to the local roads included in the project to complete site assessments and to perform ball-bank testing. He attended meetings with LADOTD staff for development of plan requirements for future signage and striping plans developed for these Safety Program projects. From these meetings, it was agreed that the plans developed for this LRSP project would be utilized as a template for future signing and striping plan requirements developed for the Safety Program projects.
09/19 – 01/21	**Local Road Safety Program - St. Bernard Signing and Striping, LADOTD, St. Bernard Parish, LA.** *Transportation Engineer.* Signing and pavement marking project to implement low-cost safety improvements, funded by the Local Road Safety Program, on local roads in St. Bernard Parish. Michael is responsible for working with the LADOTD and St. Bernard Parish to develop a scoping report, ***quantity takeoffs***, and ***cost estimating*** for the project. During the scoping and design phase, he utilized the CRASH3 database to analyze crash data to determine which roads had traffic safety issues that could best be alleviated by low-cost safety improvements (signing, striping, Rapid Flashing Beacons). He also had to work with St. Bernard to install bikeway signage and striping that on local roads that qualified for federal funding.
09/19 – 02/21	**Local Road Safety Program - RWD Signing Plaquemines, Belle Chasse, LA.** *Transportation Engineer.* Signing and pavement marking project to implement low-cost safety improvements, funded by the Local Road Safety Program, on local roads in Plaquemines Parish. He is responsible for working with the LADOTD and Plaquemines Parish to develop a scoping report, ***cost takeoffs***, and ***cost estimating*** for the project. During the scoping and design phase, he utilized the CRASH3 database to analyze crash data to determine which roads had traffic safety issues that could best be alleviated by low-cost safety improvements (signing, striping, Rapid Flashing Beacons).

Firm employed by. ARCADIS				Meets MPR No. 7
Name	Victor Sanchez, PE, MSCE		Years of relevant experience with this employer	2.5
Title	Principal Bridge Engineer		Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization			MS / Civil Engineering-Structures BS / Civil Engineering with a major in Structures	
Active registration number / state / expiration date			PE.0033976 / LA / Exp. 09/30/2026	
Year registered	2008	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			**Bridge Design**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Sanchez is the **Lead Bridge and Structural Engineer** for the Arcadis' Louisiana Operations. Victor is highly skilled with the design and detailing of structures using AASHTO-LRFD, the Louisiana Department of Transportation Bridge Design Manual, and software applications such as OpenBridge for the modeling and planning of bridges. Project applications include **Stage 0 Feasibility Studies** and design projects. He applies sound structural knowledge to perform hand calculations for bridge structural design and possesses strong management skills and; a willingness to work collaboratively with different groups inside the organizational team including clients, other disciplines' engineers, and project managers within the project organization. His exceptional leadership skills, which combined with his knowledge of the LADOTD policies, standards, and manuals make him an ideal team builder to perform at its highest level of potential. **Mr. Sanchez meets Minimum Personnel Requirement Number 7.**
04/23 – 01/25	**Stage 0 Studies IDIQ – LA 22 Tchefuncte River Bridge, LADOTD, St. Tammany Parish, LA.** *Lead Bridge Design Engineer.* Responsible bridge design for the ***Stage 0 Feasibility Study*** to develop and evaluate ***feasible alternatives*** for the replacement of the LA 22 Tchefuncte River Bridge in Madisonville, LA. The bridge has a high frequency of opening due to marine traffic and low elevation above the river. Arcadis developed several bridge alternatives including fixed and moveable bridge options. Alternatives were evaluated with respect to construction cost, ROW, traffic and safety, and environmental. All study methods and results were documented in a ***Stage 0 Feasibility Report*** with ***Preliminary Scope and Budget Checklist*** and ***Environmental Checklist***.
06/14 – 07/15	**I-10 Over Julia Street, Girder Rehabilitation Project, LADOTD, New Orleans, LA.** *Bridge Design Engineer / Engineer of Record.* This project was initiated to correct a partial failure of the connecting plates that attach the girders to the straddle bents on one of the exit ramps to I-10 in New Orleans. The scope of work consisted of ***bridge design*** for the replacement of one existing steel cap beam in straddle bent number 25w and the replacement of all connecting plate elements on the adjacent steel cap 26w. Both substructures are located over the same exit ramp on the I-10 in New Orleans. ***Analysis and rehabilitation design*** focused on a section of the ramp that included the damaged straddled bent and connection plates; this section is three-spans continuous structure (74'-132'-132') with steel plate girders as superstructure members that frame into a straddled bent (bent number 25) and a steel cap beam (bent number 26) which are the intermediate substructure elements, similarly to the rest of the ramp, these steel caps are supported on concrete columns. Coordinated the preparation of contract documents, including ***plans***, calculations, and ***cost estimates***, and provided QC/QA to work prepared by others in the team. Also, during the construction phase of the project, provided construction support reviewing and approving shop drawings and calculations submitted by the contractor.

05/16 – 05/17	**UP Railroad Overpass Near Tioga, LADOTD, Rapides Parish, LA.** *Lead Bridge Design Engineer / Engineer of Record*. The total bridge length is 950' and consists of a main span using steel plate girders as superstructure elements over three continuous spans (210'-275'-210'); the bridge approaches to the main spans consist of two-spans 85' AASHTO type III prestressed concrete continuous spans at the north side and one 85' AASHTO type III prestressed concrete span at the south side. The bridge substructure consists of concrete piers caps supported on columns which are supported on drilled shafts and spread footings on drilled shafts. Conduced ***bridge design*** as the Lead Engineer and Engineer of Record (EOR), responsible for the contract document preparation including ***cost estimating***, specifications, ***final plans preparation***, structural calculations, load rating, and coordination for project delivery per Louisiana Department of Transportation policies.
04/16 – 12/16	**Indian Bayou Bridge and Approaches, LADOTD, Calcasieu Parish, LA.** *Lead Engineer and Engineer of Record*. The total bridge length is 675' and consists of 3 continuous span units with a length of 225' with each unit using precast prestressed concrete girders as superstructure elements over three continuous spans (75'-75'-75'). The bridge substructure consists of concrete piers caps supported on precast prestressed concrete piles. Served as Lead Engineer and Engineer of Record (EOR), responsible for the contract document preparation including ***cost estimating***, specifications, ***final plans preparation***, structural calculations, load rating, and coordination or project delivery per Louisiana Department of Transportation policies.
04/15 – 03/16	**UP Railroad Bridge at Sicard, LADOTD, Ouachita Parish, LA. (LADOTD).** *Lead Engineer*. This bridge consists of a main span using steel plate girders as main superstructure elements over three continuous spans (102'-175'-102'); the bridge approaches consist of three 84' continuous spans at the north side and to the south side, three 84ft continuous spans for a total structure length of 883' located in a straight alignment and skew of 68 degrees concerning a line normal to the center line of the bridge. The main superstructure elements of the approaches are prestressed concrete AASHTO Type IV girders, and the bridge substructure consisted of multi-column bents on concrete footing supported on prestressed concrete piles. Completed plan quality reviews, prepared the bridge load rating report, and assisted the environmental section of the LADOTD in completing the ***environmental clearance*** for the project. In addition, I provided load rating, and construction support, reviewing the shop drawings submitted by the general contractor.
05/18 – 11/19	**I-485 from I-77 to US 74; I-485/Weddington Rd Interchange; and I-485 /East John St. - Old Monroe Rd. Interchange (design-and-build), Mecklenburg County, North Carolina (WSP, 2019).** *Led structural design and project management for the replacement of two bridges in the project*. STR#1 over Westinghouse Blvd. and widening of STR#12 over CSX railroads. STR#1 involves replacing the existing structure over I-485 with two prestressed concrete bridges of lengths 125ft and 132 ft, utilizing the 63" Florida-I Beam and integral end bents on steel piles. STR#12, over CSX railway, is a twin bridge on I-485 with a three-span continuous structure and a total length of 165ft. The substructure includes stub abutments on steel piles and multi-column bents on spread footings. Managed ***structural design***, ***coordination***, and local staff to ensure ***budget control*** and timely delivery to NCDOT.
11/19 – 11/20	**Load Rating Project, South Carolina Department of Transportation, SC.** *Load Rating Quality Control Engineer (QC Engineer)* for WSP which owned this project as part of a contract service for the South Carolina Department of Transportation. In this capacity, provided QC reviews to load rating deliverables for a variety of structures including prestressed concrete bridges, steel plate girder composite bridges, concrete box culverts, and concrete slab bridges. The project included approximately ***one thousand bridges scheduled for inspection and load rating***. Reviewed an average of 200 bridges during that year.

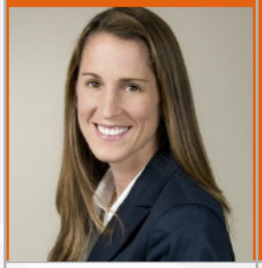
Firm employed by. ARCADIS				Meets MPR No. 7
Name	Osama Shahawy, PE		Years of relevant experience with this employer	4
Title	Principal Bridge Engineer		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization			MS / 1991 / Civil (Structures), Florida State University BS/1983/Civil Engineering	
Active registration number / state / expiration date			PE.0035652 / LA / Exp. 09/2025	
Year registered	2001	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			**Bridge Design**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Shahawy has more than **34 years of structural bridge engineering experience** working on variety of different projects throughout Louisiana and the Southeast includes **Stage 0 Feasibility Studies**, NEPA studies, and design. He served as PM or TL on 100+ projects with extensive bridge plan, specification and estimate, rehabilitation and bridge replacement. His experience includes coordinating teams of engineers and other technical personnel on the preparation of bridge PS&E design/ management including on/off-system bridges in rural/urban areas with heavy utilities & complex TCP. Mr. Shahawy has a design background that includes strong construction capabilities–a benefit that ensures constructible technical solutions and more complete construction documents. Leveraging his decades of experience, he will check accuracy, verify compliance to review comments, and will ensure that agency and stakeholder comments and concerns are addressed. **Mr. Shahawy meets Minimum Personnel Requirement #7.**
08/20 – 07/21	**Stage 0 Feasibility Study - I-10 New Orleans to Slidell Hard Shoulder Design, LADOTD, New Orleans, LA.** *Bridge Design Engineer.* Conducting ***bridge design evaluation*** for the use of Active Transportation and Demand Management (ATDM) strategies on 1-10 in Orleans and St. Tammany Parishes. The project is to determine improvements of implementing shoulder lanes on Interstate 10 in New Orleans East area. Responsibilities include ***preliminary bridge design to determine construction cost*** for structure widening of EB & WB I-10 based on 4 scenarios utilizing existing shoulders on 1-10, as one of the scenarios. Developed ***Stage 0 Documentation*** including ***Preliminary Scope and Budget*** and ***Environmental Checklists***.
02/23 - Ongoing	**Stage 0 Feasibility Study and Design - Cross Bayou Bridge Replacement, LADOTD, Caddo Parish, LA.** *Bridge Design Engineer and Project Manager.* Conducted ***Stage 0 Feasibility study*** to develop and evaluate alternatives for the replacement of two existing bridges over Cross Bayou. Developed ***Stage 0 Documentation*** including ***Preliminary Scope and Budget*** and ***Environmental Checklists***.The next phase of the project will be conducted under the same contract and will include the development of construction plans.
04/12 – 05/13	**LA 1 over I-19 Bridge Rehabilitation, Rapides Parish, LA.** *Project Manager, Engineer of Record.* Provided professional inspection, rehabilitation design, and construction engineering services. The bridge is a 4 spans steel plate girder structure that has uneven settlement and rotation at the abutments which required rehabilitation to stabilize the movement and raise the bridge back to its original as built elevation. Responsibilities included directing team and over all task involves the ***preparation of geometric layout plan development***; ***bridge design and final plans***, specifications and estimates for LA 1 Bridge over I-49 according to LADOTD BDEM. Performed QA/QC, ***prepared construction cost estimate***, reviewed/revised plans based on LADOTD comments.

07/11 – 05/13	**MacArthur Drive Bridge Interchange, LADODT, Rapides Parish, LA.** *Bridge Design Engineer, Engineer of Record*. Responsible for widening revising and redesigning the MacArthur Drive Interchange completing Phase 1. The design and plan production are related to the design changes required for Ramps 7 and 8. Design deck slab for 18 spans, which include Trapezoidal girders & Bulb-T girders. Design Bearing Pads for all proposed Trapezoidal and Bulb-T girders. Design Inverted-T Caps and special geometric columns for piers. Responsible for the ***design and production of geometric and span layout modifications***, superstructures, and substructures. Review for accuracy and completeness of the plans and related designs prepared for the project. ***Ensured quality and adherance*** to established design policies, procedures, LADOTD BDEM, LSSRB, standards and guidelines in the preparation and review of all design products for compliance and good engineering practice as directed by a Project Quality Control Plan.
10/20 – Ongoing	**I-10 CMAR, LADOTD, East Baton Rouge Parish, LA.** *Lead Bridge Engineer, Engineer of Record*. Responsible for Construction Management at Risk (CMAR) to improve Interstate 10 through widening and reconstruction of the mainline from 3 to 4 lanes in each direction, including ***bridge replacement and rehabilitation***, interchange and ramp modification, shoulder widening, and auxiliary lane(s) from LA 415 to Essen Lane on I-10 and I-12. Responsibilities include replacing Nairn Dr. bridge over I-10 with a signature type bridge and preparing conceptual bridge plans required for the Right-of-Way Corridor. Responsibility includes ***design and detail of the Nairn Dr. Bridge*** according to design criteria and LADOTD BDEM. Participate in meetings and work with the CMAR Contractor and LADOTD to develop preferred bridge concepts at completion.
08/20 – 11/20	**Alphonse Forbes Bridge at Sandy Bayou Replacement, City of Baton Rouge, East Baton Rouge Parish, LA / 18-Br-Pt-0017.** *Bridge Design Engineer*. Responsible for the replacement of the Alphonse Forbes Road Bridge over Sandy Creek located in Central, Louisiana, in East Baton Rouge Parish. ***Reviewed final plan and calculations QC design analysis and final bridge structure plans*** for a 5 concrete slab span bridge. Provided review comments for final plans and estimated quantities according to LADOTD guidelines.
07/11 – 05/13	**Mississippi River Bridge at Vicksburg, Mississippi, LA.** *Project Manager, Engineer of Record*. Responsible for the four-lane continuous main steel-truss through-deck bridge covers a total length of 1,716 ft. and a width of 60 ft. The main truss consists of two symmetrical 640.5 ft. cantilever spans and one 435 ft. drop span. The approach spans consist of 101 prestressed concrete spans and reinforced concrete pier caps. Responsible for ***review of as-built plans and all rehab projects plans***; indexed and developed inspection forms; ***supervised and reviewed results from the 3D computer model***; model calibration; performed QA/QC according to LADOTD BDEM and assisted in developing the final report.
07/11 – 06/12	**I-10 over Calcasieu River - Lake Charles Bridge, LADOTD, Lake Charles, LA.** *Project Manager, Engineer of Record*. Responsible for bridge inspection that include four steel deck trusses as well as a cantilever steel through-truss for the main span portion of the bridge, covering a total length of 6,617 ft. with a width of 62.67 ft. The east and west approach spans of the bridge consist of two bridge systems: first, a longitudinal girder system supported on steel bents; second, a fracture-critical span system, consisting of a two-girder, floor beam, and stringer system. Responsible for ***review of the as-built and rehab project plans*** and indexing; developed inspection forms; ***supervised and reviewed the results from the 3D computer model***; model calibration; performed load rating based on the present condition, capacity and loading of the bridge; rated the gusset plate and connection systems following the Federal Highway Administration (FHWA)-IF-09-014; performed QA/QC and assisted in developing the final report.

Planners, Public Involvement Professionals and Environmental Scientists

Firm employed by. ARCADIS			
Name	Julie Price, AICP	Years of relevant experience with this employer	12
Title	Senior Transportation Planner	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		MA / 2005 /Urban & Regional Planning; BA / 2003 / Urban & Regional Planning	
Active registration number / state / expiration date		AICP #176869 / USA / Exp. 06/2025	
Year registered	2007	Discipline	Planner
Contract role(s) / brief description of responsibilities		**Complete Streets / Planning**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Ms. Price has **20 years of experience as a professional urban and transportation planner**. She has worked for local and regional governments managing various programs, performing land use and transportation studies, **feasibility studies**, and developing streetscape plans. Julie performs traffic analysis to mitigate negative impacts of major developments around the region. Julie **identifies trends and makes forecasts related to long-range planning efforts**. She surveys, workshops, and public meetings, and mediates negotiations to achieve resolutions among stakeholders and clients.
10/10 – 10/11	**Comprehensive Transportation Plan, Cobb County, Marietta, GA.** *Planner*. Organized and executed three focus group sessions, interviewing stakeholders and community members during the listening tour, website design and updates, and responding to inquiries via website and email. Led the Health Impact Assessment (HIA) development including stakeholder committee communication, meeting facilitation, HIA review and recommendations. Assisted with the development of existing conditions and ***needs assessment***, project commendations, and ***project evaluation and prioritization***.
09/14 – 07/16	**Cartersville-Bartow MPO Planning, Bartow County, Cartersville, GA.** *Planner*. Responsible for compiling a wide range of options from multiple sources, including those previously identified in plans and studies, stakeholder input, new options established through ***needs assessments***, and ***best practices/innovative strategies*** for similar projects.
09/13 – 11/13	**Feasibility Study - Martin Luther King Jr. Drive Improvements, City of Atlanta, Atlanta, GA.** *Planner*. Coordinated with the city, project engineers, consultant teams, and subcontractors to craft and deliver relevant, cohesive messaging. Julie communicated the most relevant ***engineering and cost information***, and effectively captures ***public input*** and comments in a way that can guide the overall project.
03/14 – 12/15	**Feasibility Study - SR 5/Bright Star Road, City of Douglasville, Douglasville, GA.** *Planner*. Activities include organizing and facilitating stakeholder and technical committee meetings, ongoing directed communication with these committees to receive valuable and impactful information, ***preparing materials and agenda for public meetings***, creating and dispersing advertisements for public meetings, existing conditions and data collection, land use and economic analysis, ***alternatives analysis***, ***recommendations***.
06/19 – 09/21	**Feasibility Study - DeKalb Avenue Corridor Improvement, City of Atlanta, Atlanta, GA.** *Transportation Planning Lead*. for the Renew Atlanta Bond Program On-Call contract. Responsible for coordinating with project engineers and the City to ensure outreach communicates the most relevant ***engineering and cost information***, and effectively captures ***public input*** and comments in a way that can guide the overall project. In the short-term, this project includes resurfacing, removal of a reversible lane, and addition of a bi-directional cycle track and improved pedestrian infrastructure.

04/14 – 05/16	**I-285/SR 400 Interchange Reconstruction, GDOT, Metro Atlanta, GA.** *Public Involvement Team Member*. Responsible for Arcadis' GDOT GEC On-Call contract including operational improvements along the I-285/SR 400 interchange. Responsibilities included ***preparing materials***, ***advertising for public information and public hearing open houses***, responding to public comment, and documentation of public information open house information and land use and development review as part of the DEIS.
10/15 – 11/21	**Atlanta Downtown Connector Feasibility Study, GDOT, Atlanta, GA.** *Transportation Planning Lead/ Stakeholder Engagement Lead*. Responsible to review and evaluate various options to provide Connector congestion relief and improve operations. Feasibility study included identification of corridor-wide design alternatives for 8.5 miles of interstate through the heart of Downtown Atlanta. Study identified and evaluated ***corridor management and capacity adding solutions*** to provide congestion-relief and reduce driver frustration.
01/22 – 04/22	**RAISE Grant Application – West Tuscarawas Street Multimodal Safety Project, City of Canton, OH.** *Project Team Leader*. Responsible for ***writing and developing the complete RAISE grant application***. This effort included collaborating with various City staff, helping secure letters of support, researching the project details, developing maps and charts to support the grant, developing the benefit cost analysis information, and writing the content for each criteria section.
01/2016 – 06/16	**Together for Safer Roads Grant writing – North Avenue Corridor, City of Atlanta, Atlanta, GA.** *Project Team Lead*. Responsible for ***writing and developing complete Together for Safer Roads grant application*** for the North Avenue Corridor in the City of Atlanta. This was a winning grant that provided additional technical support underscoring how smart improvements can improve the overall safety metrics on North Avenue. As a growing multimodal corridor connecting Georgia Tech, GDOT headquarters, MARTA North Avenue Station, Coca Cola world headquarters, and Ponce City Market, combining vehicles, transit, cyclists and pedestrians, the opportunities for improvement are strong.
12/18 – 04/19	**BUILD Grant writing – SR 15/US 441 Widening and Reconstruction, GDOT, Rabun County, GA.** *Project Team Leader*. Responsible for ***writing and developing the complete BUILD grant application*** for the SR 15/US 441 Widening and Reconstruction project for the GDOT. This BUILD grant application was submitted to the U.S. DOT. This effort included interviewing various GDOT staff, helping secure letters of support, researching the project details, developing maps and charts to support the grant, developing the benefit cost analysis information, and writing the content for each section for the grant application.
02/16 – 06/16	**TIGER Grant writing – MLK Jr. Drive Corridor Improvement Initiative, City of Atlanta, Atlanta, GA.** *Project Team Leader*. Responsible for ***writing and developing the complete TIGER grant application*** for the Martin Luther King Jr. Drive Corridor Improvement Initiative for the City of Atlanta. This TIGER grant application was a winning grant and was funded by the U.S. DOT. This effort included interviewing various city staff, helping secure letters of support, researching the project details, developing maps and charts to support the grant, compiling the benefit cost analysis information, and writing the content for each section.
02/17 – 09/17	**SMART Study: Southwest Houston Sub-Regional Planning Study, TxDOT, Houston, TX.** *Engagement Lead*. Worked for this innovative SMART (Sustainable Mobility Alternatives for Regional Transportation) study for the southwest Houston area to review drivers of transportation change and long-term needs for the future. ***Led stakeholder workshop*** to co-create goals, objectives, and performance measures to guide the study.

Firm employed by. ARCADIS			Meets MPR No. 8
Name	Jason Morrell, PWS	Years of relevant experience with this employer	9
Title	Senior Environmental Planner / Ecologist	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		BS / 1999 / Agriculture, University of Georgia	
Active registration number / state / expiration date		Professional Wetland Scientist – #2319 / USA / Exp. 04/2028 NHI Course No. 142005, NEPA and Transportation Decision Making	
Year registered	2013	Discipline	Wetland Science
Contract role(s) / brief description of responsibilities		**Public Involvement / Environmental**	

Experience dates	Experience and qualifications relevant to the proposed contract
	 Mr. Morrell has more than **22 years of experience in environmental planning,** including over 18 years of consulting experience. Prior to joining Arcadis, he served as a NEPA Planner and Ecologist with the Georgia Department of Transportation (GDOT) evaluating environmental effects and **completing permitting and environmental documentation for transportation projects**. His area of expertise includes wetland delineation, biological assessment, and environmental permitting, with a focus on Clean Water Act Section 404 permitting and Section 7 Endangered Species Act (ESA) consultation. He is experienced working with the Federal Highway Administration (FHWA), US Army Corps of Engineers (USACE), US Fish & Wildlife Service (USFWS), and state resource agencies. Since 2011, Mr. Morrell has focused primarily on Transportation Ecology and is an active member of the Transportation Research Board Committee on Environmental Analysis and Ecology. **Mr. Morrell meets Minimum Personnel Requirement Number 8.**
04/23 – 01/25	**Stage 0 Feasibility Study - LA 22 Tchefuncte River Bridge, LADOTD, St. Tammany Parish, LA.** *Environmental Planner.* Responsible for performing ***desktop and field environmental reviews*** to identify and document environmentaly sensitive areas. Purpose of project is to develop and evaluate feasible alternatives for the replacement of the LA 22 Tchefuncte River Bridge in Madisonville, LA. Environmental reviews were performed to identify any impacts to to the natural resources, historically significant locations, and community. All study methods and results were documented in a ***Stage 0 Feasibility Report*** with ***Preliminary Scope and Budget Checklist*** and ***Environmental Checklist***.
02/23 – 05/24	**Stage 0 Feasibility Study - District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA.** *Environmental Planner*. Responsible for performing ***desktop and field environmental reviews*** to identify and document environmentaly sensitive areas. Purpose of study was to develop and evaluate safety countermeasures to address pedestrian safety needs on 7 corridors within Caddo and Bossier Parish. Study data, methods, and results were documnted in a ***Stage 0 Feasibility Reports*** were completed with ***Preliminary Scope and Budget Checklist*** and ***Environmental Checklist***.
04/16 – Ongoing	**Pete's Highway Interchange Alternative and Environmental Assessment, LADOTD, Livingston Parish, LA.** *Ecologist*. Led a ***wetland delineation and protected species habitat assessment*** along Range Road in the vicinity of the I-12 interchange for the proposed interchange improvement project. Provided technical review of a Biological Resources and Wetland Findings Report, including required exhibits, in support of the ***NEPA Environmental Assessment***.
10/15 – 04/18	**North Bayou Black Drive/Hanson Canal Bridge (OSBP) – LADOTD, Terrebonne Parish, LA.** *Ecologist*. Completed a technical review of the **Biological Resources and Wetland Findings Report**, including required exhibits, prepared for replacement of an off-system highway bridge. Findings from the wetland delineation report were used for a USACE Jurisdictional Determination and Section 404 permit application.

07/16 – 03/18	**Bayou Sara Streambank Restoration, West Feliciana Parish Department of Public Works, West Feliciana Parish, LA.** *Ecologist*. Project involved stabilizing the streambank along approximately 3,600 feet along Bayou Sara, where severe erosion is impacting the Town of St. Francisville's Wastewater Treatment Facility, pond levees, and the Parish's only access road (Ferdinand Street) to the Mississippi River. Completed a ***wetland delineation and protected species habitat assessment*** within the area proposed for bank stabilization, as well as adjacent staging and access areas. Provided technical review of a ***Biological Resources and Wetland Findings Report,*** including required exhibits, and NWP 13 PCN, including permit sketches for bank stabilization for which ***USACE authorization was successfully obtained.***
09/19 – Ongoing	**Environmental Support Services IDIQ Contract, GDOT, Statewide, GA.** *Project Manager and Ecology Lead*. Responsible for management of embedded (support services) ecology and ***NEPA*** staff managing environmental studies on behalf of GDOT, including review of consultant documents. Design and develop ecology initiatives for the GDOT Office of Environmental Services (OES) including guidebooks and toolkits to update the ***Environmental Procedures Manual,*** training materials for contractor prequalification, applications to streamline National Marine Fisheries Service Section 7 ESA and Essential Fish Habitat consultations, and other research initiatives.
07/14 – 07/19	**Statewide Ecology Services IDIQ Contract GDOT, Statewide, GA.** *Deputy Project Manager*. Responsible for managing embedded ecologists assigned management of ecology studies, permitting, and biological assessment for GDOT projects. Negotiated a menu of services task order for on-call ***environmental studies*** providing the client the flexibility to complete tasks quickly to meet project delivery schedules. Managed preparation and provided technical review of supporting ***NEPA documentation*** for federally funded ***infrastructure development and improvement projects.*** Developed ecology toolkits, guidance documents, and templates for GDOT use and publication in collaboration with regulatory agencies and GDOT staff. Managed a research project evaluating the effectiveness of migratory bird mitigation measures on transportation projects and providing recommendations to GDOT for best management practices.
12/15 – 11/18	**Reisor Subdivision Bridge Replacements, Union Pacific Railroad, Natchitoches Parish, Louisiana and Caddo Parish, LA/Harrison County, TX.** *Lead Ecologist*. Responsible for ***wetland delineation and protected species habitat assessments*** for replacement of two structurally deficient railroad bridges on the Union Pacific Reisor Subdivision line. Completed ***wetland findings report,*** including required exhibits, and calculated impacts to streams and wetlands for bridge replacements. Coordinated with design for impact avoidance and minimization and provided technical review of a Nationwide Permit (NWP) 14 Pre-Construction Notification (PCN), including permit sketches, submitted to the USACE Fort Worth District for the Caddo Parish, LA/Harrison County, TX bridge.
11/15 – 12/16	**SR 234 at Chickasawhatchee Creek Bridge Replacement GDOT, Calhoun and Dougherty Counties, GA.** *Lead Ecologist*. Responsible for ecology reporting, Section 404 permitting, and Section 7 Endangered Species Act (ESA) consultation for replacement of a load-limited, structurally deficient bridge over Chickasawhatchee Creek 8 miles north of Leary, GA. Prepared a Biological Assessment for the federally listed mussel species and designated critical habitat including development of special provisions to be included in contract documents for species protection. Based on this Biological Assessment, USFWS issued a Biological Opinion concurring with the recommended biological determination to support project ***NEPA documentation.*** Successfully obtained an Individual Section 404 Permit for stream and wetland impacts associated with bridge replacement and roadway approach improvements.

Firm employed by. ARCADIS				Meets MPR No. 8
Name	Kimberly Arcement		Years of relevant experience with this employer	1
Title	Senior Ecologist / Environmental Planner		Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization			MS / 2001 / Ecosystem Science BS / 1998 / Environmental and Sustainable Resources	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			**Public Involvement / Environmental**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Ms. Arcement is a **Senior Ecologist and Environmental Planner with 25 years of experience** in achieving compliance with environmental laws such as the Clean Water Act, NEPA, and NHPA. She has processed various permits for coastal use, obtained permits from USACE and LDEQ, and conducted Phase I Environmental Site Assessments (ESAs) per ASTM E1527. He has experience with **environmental tasks required for feasibility studies** including desktop and field reviews to document environmentally sensitive areas, and conducting **public meetings**. She was also the environmental advisor for the MOVEBR program while employed at CSRS (10/2018 to 09/2023. Additionally, she obtained the USACE Individual Permit and LDEQ Water Quality Certification for McHugh Road on behalf of the City of Baton Rouge-East Baton Rouge Parish. **Ms. Arcement meets Minimum Personnel Requirement Number 8.**
04/24 – Ongoing	**I-20 Widening Monroe, LADOTD, Ouachita Parish, LA.** *Environmental Planner and Public Meeting Coordinator.* Assisted with required ***wetland studies*** and the development of a Wetlands Finding Report using the latest FHWA criteria. Assisted with the coordination and execution of a public meeting to obtain public and stakeholder input. ***Prepared public meeting report***.
10/18 – 09/23	**MOVEBR Transportation Program, City of Baton Rouge, East Baton Rouge Parish, LA.** *Environmental Program Advisor* for the City-Parish's $1.8 billion investment in transportation improvements; specifically, 39 roadway capacity projects. Worked with the New Orleans District Corps of Engineers to remove roadside ditches from jurisdiction under the 2020 Navigable Waters Protection Rule. Advisory services ***ensured FHWA and DOTD compliance*** (e.g., Section 404, Section 401 Water Quality Certification, LDWF Scenic Rivers Permit, Significant Trees, etc.)
10/18 – 09/23	**Heritage Crossings Mixed-Use Development, Ascension Parish, LA.** *Environmental Practice Lead.* Obtained the Section 404 permit and Water Quality Certification for a new mixed-use development anchored by the new Gonzales PACE Center. The project included internal infrastructure to improve traffic flow and connectivity to medical facilities. The project required compensatory ***wetland mitigation*** for 9 acres of bottomland hardwoods.
05/21 - 09/23	**Port of Greater Baton Rouge, West Baton Rouge Parish, LA.** *Environmental Practice Lead.* Provided ***environmental services*** to owner's/investment reps for Grön Fuels, a $9.2 billion renewable diesel refinery (biofuels) project that included: Phase I ESA, wetland delineation, Section 10/404, Section 7 of Endangered Species Act, Cultural Resources Survey, LDNR water well and LPDES wastewater discharge permits. Project included Capio carbon capture and sequestration injection wells.
05/11 – 10/16	**Port of New Orleans, Orleans Parish, LA.** *Environmental Specialist/Project Lead.* Responsible for ***preparing EA/Categorical Exclusion documents*** per Federal Railroad Administration (FRA) for funding through the U.S. DOT Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grant Program; $62 million in TIGER III funding was awarded for the 9-

	acres yard improvements and creation of a new 12-acre rail intermodal terminal at the Napoleon/Louisiana Avenue Wharves; Updated the EA documents in 2015 for $16.7 million TIGER award for additional intermodal improvements.
11/12 – 07/15	**Port of New Orleans, Orleans Parish, LA.** *Environmental Specialist.* Responsible for ***preparing NEPA compliance documents*** (EA and Supplemental EA) according to HUD 24 CFR Part 58 to secure federal funding for Henry Clay Wharf and Riverfront Cold Storage Project; Prepared supportive documentation: ***Purpose & Need***, Alternatives & Justification, Historic Preservation, 8-Step Floodplain & Wetlands Analysis, Traffic & Transportation, ***Environmental Justice***, and Noise Assessment with pile-driving and construction noise impacts; Required formal consultation with SHPO identifying the Area of Potential Effect (APE); Subsequently, prepared compliance documentation for Julia Street Cruise Terminal & Erato Street Terminal Improvements, Poland Avenue Bank Stabilization and Wharf Repairs, & Almonaster Bridge Replacement.
04/20 - 09/23	**University Lakes Flood Risk Reduction/Aquatic Restoration, East Baton Rouge Parish, LA.** *Natural Resource Manager.* Created a permitting matrix for nature-based solution project that beneficially used dredge material to create ecosystem habitat including riparian areas along 6-lake system (400+ acres). Permits included a Section 10/404 permit from the USACE, Water Quality Certification from the LDEQ, a Section 106 Concurrence from SHPO, and a Letter of No Objection from the USFWS and the LDWF. Obtained a Nationwide Permit 27 for the Aquatic Enhancement Pilot Study and prepared ***NEPA compliance documentation*** for release of CDBG-MIT funds from La. Office of Community Development.
10/20 – 09/22	**University Club – 11th Filing Phase 2 & 3, East Baton Rouge Parish, LA.** *Environmental Practice Lead.* Tasked with obtaining a Scenic Rivers Permit from LDWF for a residential subdivision located within a 100-feet of historic Bayou Manchac. Prepared permit application with an EA along with interagency coordination. The development was controversial given the 2016 Great Flood and site location along historic Bayou Manchac. Ms. Arcement worked hand-in-hand with LDWF and our engineering team to reconfigure the stormwater retention pond and remove the hydrologic connection to the bayou.
10/08 – 06/18	**The Domain Companies, South Market District, Orleans Parish, LA.** *Environmental Specialist.* Responsible for performing ***multiple Phase I ESA and preparing NEPA compliance documents*** for a 5-city block redevelopment project in downtown New Orleans; specifically, to secure funding through the Louisiana Office of Community Development Disaster Recovery Unit (OCD-DRU) for Project-based Recovery Opportunity Program (PROP) through the Community Development Block Grant (CDBG) Disaster Recovery Fund for parishes impacted by Hurricanes Katrina and Rita; Also, prepared Phase I ESAs and various ***NEPA compliance documents*** to secure HUD funding for the Gold Seal Creamery in New Orleans and new construction of the High Grove Development in Baton Rouge.
02/16 – 08/16	**St. Thomas Community Health Center, Orleans Parish, LA.** *Environmental Specialist.* Prepared ***NEPA compliance documents*** for HUD funding per 24 CFR Part 58 for OCD Gustav/Ike Economic Revitalization Business Recovery Grant; EA documentation also satisfied the U.S. Department of Health & Human Services, Health Infrastructure Investment Program; Also, prepared compliance documents for the adjacent KIPP Believe School in the Bayou District.
06/12 – 02/16	**Housing Authority of New Orleans (HANO), Orleans Parish, LA.** *Environmental Specialist.* Responsible for maintaining compliance for $30.5 million grant through HUD's Choice Neighborhoods Initiative program; ***Conducted Phase I ESAs and prepared multiple NEPA compliance documents*** (HUD 24 CFR Parts 50 and 58) for 7 phases of the 23-acre $600 million mixed-use redevelopment; Prepared Environmental Restrictions Checklist for Low-Income Housing Tax Credits; Achieved NHPA compliance through a Programmatic Agreement (PA) between the City of New Orleans, HANO, SHPO, and ACHP.

Firm employed by. ARCADIS				Meets MPR No. 8
Name	Jan Hughes		Years of relevant experience with this employer	2
Title	Senior Environmental Planner		Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization		BA/ 1984 / Anthropology – Louisiana State University		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		**Public Involvement / Environmental**		

Experience dates	Experience and qualifications relevant to the proposed contract
	Jan brings **25 years of experience with the LADOTD Environmental Section** overseeing the National Environmental Policy Act (NEPA) process for proposed transportation projects, as well as preparing NEPA, Section 106 of the National Historic Preservation Act, and Section 4(f) of the U.S. DOT Act documentation for FHWA and U.S. Coast Guard. She has taken NHI Course No. 142055, NEPA and Transportation Decision Making. Jan has primary responsibility for authoring NEPA documents, including the Airline Highway Environmental Assessment for FHWA for which a FONSI was issued, and the Oaklawn Bridge Categorical Exclusion Reevaluation approved by FHWA. In addition to the projects listed below, throughout her career Jan has provided oversight for numerous staff and consultant prepared NEPA documents for LADOTD and local entities. She has also coordinated with federal, state, and local agencies on other environmental issues. She has conducted **public involvement activities, including meetings and hearings.** Jan was a project team member in the development of the 2015 Louisiana Historic Bridge Inventory and Section 106 Programmatic Agreement for Treatment of Louisiana Historic Bridges. **Ms. Hughes meets Minimum Personnel Requirement Number 8.**
02/23 – 05/24	**Stage 0 Feasibility Study - District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA.** *Environmental Planner*. Responsible for performing ***desktop and field environmental reviews*** to identify and document environmentaly sensitive areas. Purpose of study was to develop and evaluate safety countermeasures to address pedestrian safety needs on 7 corridors within Caddo and Bossier Parish. Study data, methods, and results were documnted in a ***Stage 0 Feasibility Reports*** were completed with ***Preliminary Scope and Budget Checklist*** and ***Environmental Checklist***.
04/24-Ongoing	**I-20 Widening Monroe, LADOTD, Ouachita Parish, LA.** *Environmental Planner and Public Meeting Coordinator.* Assisted with required ***wetland studies*** and the development of a Wetlands Finding Report using the latest FHWA criteria. Assisted with the coordination and execution of a public meeting to obtain public and stakeholder input. ***Prepared public meeting report***.
11/22 – Ongoing	**US 11 Norfolk Southern Railroad, Route US 11, Environmental Assessment/FONSI, LADOTD, St. Tammany Parish, LA.** Coordinating with LADOTD regarding the reevaluation of the FONSI.
4/23 – 4/23	**Airline Highway North (Florida Blvd to I-110), Route US 61, City of Baton Rouge and East Baton Rouge Parish, East Baton Rouge Parish, LA.** Assisted with preparation of the ***Stage 0 checklist***.
10/22 – 05/23	**LA 16 (Pete's Highway)/I-12 Interchange, Route LA 16, Environmental Assessment, LADOTD, Livingston Parish, LA.** Coordinated with LADOTD to revise the draft Environmental Assessment to incorporate the rewritten construction phasing section of the document.
10/22 – 05/23	**Rural Bridges Initiative II, Districts 02, 03, 07, 61, and 62, LADOTD.** Reviewed and provided comments on draft ***Programmatic Categorical Exclusion*** documents for multiple projects.

02/94 - 08/98	**Airline Highway (US 61), Florida Boulevard to Just North of Jefferson Hwy., Environmental Assessment/FONSI, LADOTD, East Baton Rouge Parish, LA.** *LADOTD NEPA Lead.* Widening of this approximately 3.5-mile portion of Airline Highway from four lanes to six lanes. Responsible for handling the ***NEPA process*** and primary responsibility for authoring the Environmental Assessment with Programmatic 4(f) Statement for an adjacent park for FHWA for which a FONSI was issued.
01/11 – 05/15	**Bayou Teche Bridge at Oaklawn, Route LA 323, Categorical Exclusion Re-evaluation, LADOTD, St. Mary Parish, LA.** *LADOTD NEPA Lead.* Replacement of this historic, one lane, swing span bridge built in 1942 with a two-lane bridge on existing alignment. Responsible for handling the NEPA process and primary responsibility for authoring the ***NEPA document approved by FHWA***. Also handled the Section 106 Consulting Parties process, preparation of the Section 106 Memorandum of Agreement and Programmatic Section 4(f) Statement for adverse impact to the bridge, and the historic bridge marketing and draft agreement for LADOTD's first ownership transfer of a historic bridge to another entity for alternate use.
03/02 - 03/05	**Huey P. Long Bridge, Route US 90, Environmental Assessment, LADOTD, Jefferson Parish, LA.** *LADOTD NEPA Lead.* Widening of the highway portions of this historic highway/railroad bridge constructed in the 1930s from two 9-foot-wide lanes to three 11-foot-wide lanes. Responsible for oversight of the ***NEPA process*** and consultant preparation of the NEPA document for U.S. Coast Guard. Also handled coordination with the New Orleans Public Belt Railroad and Louisiana State Historic Preservation Officer and preparation of the Section 106 Memorandum of Agreement for the adverse impact to the historic bridge.
01/15 - 02/19*	**Inner Loop Extension (LA 3132), E. Flournoy Lucas Rd (LA 523) to Future I-69 Corridor, Environmental Assessment, LADOTD and City of Shreveport, Caddo Parish, LA.** *LADOTD NEPA Lead.* Extension of the Inner Loop on new alignment as a four-lane control of access facility from LA 523 to Future I-69 with interchanges and upgrades to adjacent roadways. Responsible for oversight of the ***NEPA process*** and consultant preparation of the Environmental Assessment for FHWA.
04/01 - 12/06	**I-49 South, Wax Lake Outlet to Berwick, Route US 90, Environmental Impact Statement/ROD, LADOTD, St. Mary Parish, LA.** *LADOTD NEPA Lead.* Upgrade of this 9.3-mile portion of US 90 to a four-lane facility with frontage roads meeting interstate standards. Responsible for oversight of the ***NEPA process*** and consultant preparation of the NEPA document for FHWA which was approved as a ROD.
04/01 - 10/05	**I-49 South, Lafayette Regional Airport to LA 88, Route US 90, Environmental Impact Statement/ROD, LADOTD, Iberia/Lafayette/St. Martin Parishes, LA.** *LADOTD NEPA Lead.* Upgrade of this 10.8-mile portion of US 90 to a six-lane facility with frontage roads meeting interstate standards. Responsible for oversight of the ***NEPA process*** and consultant preparation of the NEPA document for FHWA which was approved as a ROD.
07/15 - 02/19*	**I-49 South, I-10 to Lafayette Regional Airport, Route US 90/US 167, Supplemental Environmental Impact Statement (SEIS), LADOTD, Lafayette Parish, LA.** *LADOTD NEPA Lead.* Preparation of a SEIS that includes follow-up to commitments made in the 2003 Record of Decision (ROD) for the upgrade of this 5-mile portion of US 90/US 167 in urban Lafayette to a six-lane facility with frontage roads meeting interstate standards. Responsible for oversight of the ***NEPA process*** and the consultant NEPA work, which includes extensive public involvement. Also carried out the SEIS initiation process and re-initiation of the Section 106 process.

*Until retirement from LADOTD in February 2019.

Firm employed by. ARCADIS			
Name	Nicole Carsten	Years of relevant experience with this employer	4
Title	Communications Manager	Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization		BA / 2001 / Business Administration and Behavioral Science, Oglethorpe University	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		**Public Involvement / Environmental**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Ms. Carsten has over **20 years of communications experience** with more than 15 years in the workforce develop space overseeing **public outreach strategies** and communications initiatives for jobseekers, training participants, and employers. Her experience includes working on a range of transportation project applications including **feasibility studies**, NEPA studies, corridor and intersection improvements, and planning studies.
05/22 – 12/23	**US 280, I-16 Frontage, and Old Cuyler Road Interchange Improvements, GDOT, Bryan County, GA.** *Communications Manager.* Provided ***Public Involvement and Stakeholder Engagement Support for Environmental Assessment*** providing design for easier and safer access to the new mega-site and surrounding area. These improvements include roadway widening, roundabouts, construction of a new Frontage Road, a new interchange on I-16 at Old Cuyler Road, and other improvements.
08/22 – 04/23	**Feasibility Study - SR 53 Mobility Study/Braselton-Hoschton Area Mobility, GDOT, Braselton/Hoschton, GA.** *Communications Manager*. Provided ***Stakeholder Engagement*** for study to analyze the impacts of SR 53 and other nearby thoroughfares on the neighboring communities. To address the future capacity and safety of these corridors, GDOT plans to examine the local and surrounding network and develop targeted project recommendations to ensure that the transportation system will support future growth.
01/22 – 03/23	**Feasibility Study - US 278 and Old Mill Road Improvements, GDOT, Social Circle, GA.** *Communications Manager*. Provided ***Public Involvement and Stakeholder Engagement*** Support for Project Adventure, a major economic development project in Social Circle. These projects are designed to provide easier and safer access to the new mega-site and the surrounding area. The improvements include roadway widening, roundabouts, construction of a new Frontage Road, a new interchange on I-16 at Old Cuyler Road, and other improvements.
09/21 – 12/22	**NC-04 Feasibility Study, Town Center Community Improvement District, Kennesaw, GA**. *Communications Lead*. Study that investigated and developed improvement alternatives to create a new multi-modal connection between Barrett Parkway and Chastain Road crossing I-75. NC-04 was originally identified as a project in the TCCID 2010 Master Plan Update with the goal of relieving traffic from Chastain Road and creating a new multi-modal connection. This study took that goal one step further and included visioning exercises and examination of emerging and innovative technologies to develop transformational components for this new connection. NC-04 included existing conditions and site analysis, ***public engagement***, and will result in concept development.

Firm employed by. BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS				Meet MPR No. 8
Name	John L. Mettille, Jr.		Years of relevant experience with this employer	5
Title	Senior Environmental Manager		Years of relevant experience with other employer(s)	40
Degree(s) / Years / Specialization			MA / 1977 / Transportation and Urban Geography, Kansas State University; BS / 1978 / Geography and Political Science, University of Wisconsin-La Crosse	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			**Public Involvement / Environmental**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Mettille began his career in 1977 with the Kentucky Transportation Cabinet's (KYTC's) Division of Environmental Analysis, where he served for more than 28 years in several positions including **Chief Environmental Program Administrator**. Mr. Mettille served as the **lead preparer and reviewer for environmental documents and socioeconomic assessments** throughout much of his career there. He also served as the NEPA and Section 106 process technical expert. He is very knowledgeable of the Section 106 process through his experience in managing archaeological and historic program and his private sector project experience. Through his presentation and project experiences, he is well known in the NEPA, CIA, CSS, and Section 106 communities throughout the southeastern US and nationwide. **Mr. Mettille meets Minimum Personnel Requirement Number 8.**
03/18 – 10/18	**Houma-Thibodaux to I-10 Corridor Environmental Impact Statement (EIS), LADOTD, Southeastern LA.** *Environmental Manager*. Preparation of an ***Environmental Impact Statement (EIS)*** for a new 35-mile controlled access highway providing north/south system linkage between the Houma-Thibodaux areas and I-10. Responsible for providing technical oversight on the preparation of an EIS for a new controlled access highway between the Houma-Thibodaux areas and I-10.
01/08 – 09/09	**State Route 9 Improvements from Blue Springs to Guntown Environmental Assessment (EA), Mississippi DOT.** *Environmental QA/QC Manager.* Responsible for technical review of ***purpose and need and document*** and ***compliance with NEPA/FHWA regulations and guidelines***. The project was an ***environmental assessment*** for improvements to SR 9 in Lee and Union Counties, Mississippi, intended to provide a four-lane divided highway on new location. ***Environmental streamlining approaches were used in order to complete the project under an accelerated schedule*** due to a new planned automobile manufacturing plant. Provided technical assistance on the Section 106 consultation due to the project's effects upon a historic dairy farm.
05/11 – 12/15	**Houma-Thibodaux to LA 3127 Connection EIS, LADOTD, Southeastern LA.** *Technical Lead and Project Manager.* Conducted a ***tolling feasibility study and traffic analysis*** as part of the ***NEPA process***. Responsible for providing technical oversight on the preparation of an EIS. The purpose of the proposed Houma- Thibodaux to LA 3127 Connection is to improve north-south system linkage between the Houma-Thibodaux area and the Mississippi River corridor and improve emergency and hurricane evacuation within Louisiana's bayou region.
02/07 – 07/08	**Houma-Thibodaux to the Sunshine Bridge EIS, LADOTD, Southeastern LA.** *Project Manager*. This study ***evaluated the feasibility, potential impacts, and applicability*** of an east-west corridor extending from the Houma-Thibodaux area to the Sunshine Bridge (LA 70). This study addressed the concerns raised by several public resource and regulatory agencies.

GIS, Data Analytics, and CADD Support Staff

Firm employed by. ARCADIS			
Name	Joshua Chatelain	Years of relevant experience with this employer	13
Title	Senior Digital Data Analyst	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS / 2002 / Geography, University of New Orleans	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		**GIS, Data Analytics, CADD**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Chatelain has more than ***20 years of experience using Geographic Information Systems (GIS) for planning and analysis*** in the transportation engineering field. He is experienced in performing infrastructure mapping and assessment, transportation planning and analysis, ***data acquisition***, field survey oversight, and providing ***GIS support*** for a wide range of projects. Mr. Chatelain is currently leading a project with LADOTD Safety Section to develop data sets for use in safety screenings and systemic analyses. ***experience with ESRI ArcGIS application stack and data driven applications*** include: ArcMap, ArcCatalog, ArcInfo, ESRI Roads and Highways, Event Editor, ArcGIS Data Reviewer, ArcGIS Workflow Manager, ArcGIS Pro, ArcGIS 3D Analyst, ArcGIS Spatial Analyst, ArcGIS Geostatistical Analyst, ArcGIS Network Analyst, Production Mapping, ArcPad, ArcGIS Collector, ArcGIS Model Builder, ArcGIS Online, ArcGIS Enterprise, ArcGIS Web App Builder, AutoCAD, Enterprise Databases, ArcSDE, Python, ArcGIS Server, and SQL Server Management Studio.
04/24 - Ongoing	**LADOTD Safety Section Support - LADOA General Services Staff Augmentation Contract, LADOTD, Statewide, LA.** *Data Analysist.* Supporting Highway Safety Section and CARTS (LSU Center for Analytics & Research in Transportation Safety) focus groups to ***design and develop a linear referenced enterprise Intersections data model*** to meet the needs of various stakeholders at LADOTD. Established ***database schemas***, ***datasets,*** tables, and methodologies that supported Intersections data migration and development, and demonstrated Intersection Program goals and concepts to stakeholders across the agency. Developed an Intersection and Intersection Leg data model to conform department data to MIRE 2.0 standards including fundamental data elements (FDEs).
06/18 – 10/19	**I-10 Queue Warning Systems Engineering Analysis (SEA) and Feasibility Study, LADOTD, Baton Rouge, Louisiana.** *Probe Data and GIS Analyst*. Developed the first of its kind ITS SEA for the evaluation of a Queue Warning system on I-10 eastbound. Required evaluation of traffic probe data as well as LADOTD's crash data using ***GIS and electronic dashboarding tools*** to identify existing traffic conditions.
01/14 – 01/18	**Retainer Contract for an Enterprise LRS System Development, LADOTD, Statewide, Louisiana.** *GIS Analyst*. Responsible for the implementation of an ***Enterprise Linear Referencing System (LRS) using ESRIs Roads & Highways.*** Participated in discovery meetings, development of existing conditions report, development of initial R&H database model and implementation of a Statewide Enterprise LRS. Local point of contact and associate project manager for the retainer contract.
02/13 – 07/14	**Enterprise LRS Business Process Review and Database Design Arizona Department of Transportation, Phoenix, Arizona.** *GIS Analyst*. Worked as part of the project team to design and implement an ***Enterprise Linear Referencing System (LRS) using the ESRI Roads and Highways platform (RNH).*** Evaluated the needs of the LRS system within ADOT. Tested tool sets, geoprocessing functions, models, datasets, schemes, and other elements within RNH to identify practical methods of migration to RNH from ADOT's current system. Modified, modeled, processed, and prepared datasets for migration into RNH.
01/10 – 01/11	**City-Parish Enterprise LRS System Development, City of Baton Rouge/Parish of East Baton Rouge, Baton Rouge, Louisiana.** *GIS Analyst.* Responsible for the implementation of an ***Enterprise Linear Referencing System*** using Geomedia and Oracle Spatial. Conducted business requirements and needs assessment, design, build, and implementation of a parish wide LRS.

Firm employed by. ARCADIS			
Name	Sothon Men	Years of relevant experience with this employer	22
Title	CADD Tech	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		AA / 2005 / CADD Design / Southeast College of Technology	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	Wetland Science
Contract role(s) / brief description of responsibilities		**GIS, Data Analytics, CADD**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Sothon Men is an engineering technician with more than **28 years of experience with CADD**. His expertise includes **computer aided drafting and design (CADD) and Microstation** in all aspects of civil, structural, and electrical projects. He has prepared CADD drawings and plans for more than 200 civil/environmental/structural design projects.
10/15 – 01/18	**North Bayou Black Drive, Hanson Canal Bridge, LADOTD, Off-System Highway Bridge Replacement Program, Terrebonne Parish, LA.** *CADD Designer*. Provided all necessary engineering and related services required for developing plans for the replacement of an off-system highway bridge. Duties included the calculation of earthwork quantities using Land Desktop software, ***plan and profile***, ***cross-sections***, and the ***merging of drawings*** into MicroStation software.
09/08 – 07/10	**El Camino East-West Corridor EA, LADOTD, Natchitoches Parish, LA.** *CADD Technician*. Provided all CADD-related services for ***project drawing preparation.*** Arcadis prepared an EA for the proposed widening of an 8.28-mile section of LA 6 in Natchitoches Parish between I-49 and Robeline.
01/11 – 01/12	**Seabrook Sector Gate Complex, USACE New Orleans District Hurricane Protection Office (HPO), New Orleans, LA.** *Lead Technician*. Involved in ***developing construction plans*** for a 95-foot wide sector gate structure and two vertical lift gates (100-year level of protection), T-wall tie-ins, and cofferdam system. Design software packages were Bentley Microstation and Bentley GeoPack.
12/10 – 4/12	**US 84 Improvements from Sabine River to LA 5, LADOTD and TxDOT, Logansport, LA.** *Design Technician*. Preparation of all structural CADD drawings including ***general plan layout***, ***plan and profile***, girder layout, and all substructure details.
01/16 – 01/18	**Triborough Bridge and Tunnel Authority of New York Metropolitan Transportation Authority, New York.** *Design Technician*. Provided design support on a Design-Build project for the New York Transit Authority. Judlau Construction contracted Arcadis to design primary deployable flood protection barriers and secondary closure gates for the tunnels. ***Bentley Microstation*** was used.
02/11 – 05/12	**SH 31 Bridge Design, TXDOT, Waco, Tx.** *CADD Technician*. Responsible for structural design, ***plans preparation and quantity estimates*** as per LRFD spec. for six TxDOT bridges on Highway SH 31 (over Navasota River, overpasses over FM 1330 & FM 339). Bridge lengths varied from 130 – 240 ft and featured pre-stressed U beams & Type C girders on concrete bents founded on drilled shafts.

QA/QC and Technical Advisory Team

Firm employed by. ARCADIS			
Name	Lloyd "Buddy" Porta, Jr., PE	Years of relevant experience with this employer	13
Title	Principal Engineer	Years of relevant experience with other employer(s)	37
Degree(s) / Years / Specialization		BS / 1973 / Civil Engineering, Louisiana State University	
Active registration number / state / expiration date		PE.016425 / LA / Exp. 09/2025	
Year registered	1977	Discipline	Civil Engineering, Environmental Engineering
Contract role(s) / brief description of responsibilities		**QAQC and Technical Advisor (Roadway)**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Porta brings more than **50 years of experience in the transportation field**. During his 37-year career at LADOTD, he practiced highway design for 11 years with 8 of those years in responsible charge of a design squad. He spent the next 21 years of his career in project/program management. He managed the Off-System Bridge Replacement Program and the Urban System Program. Both programs replaced or constructed new bridges on parish and state routes. In 2001 he was tasked with being the LADOTD TIMED Program Manager. This $5 billion program was developed to multi-lane over 500 miles of state highways as well as construct 3 new bridges, 2 of these bridges across the Mississippi River. He spent the last 5 years of his career at LADOTD as the **State Road Design Engineer Administrator.**
12/13 – 06/15	**Stage 0 Feasibility Study - LA 3235, LADOTD, Lafourche Parish, LA.** *Technical Advisor.* Provided design oversight and technical advisory role for the ***geometric layout*** of safety improvements including ***access management***, ***restrictive intersections***, and added turn lanes. Reviewed ***construction cost estimates*** for proposed improvements to assess ***feasibility*** of proposed alternatives.
11/14 – 10/15	**Safety Studies IDIQ - LA 44 and Loosemore Road Roundabout, LADOTD, Ascension Parish, LA.** *Technical Advisor.* Provided design oversight and technical advisory role for the ***Geometric and roadway design***, ***preliminary subsurface utility investigation***, and ***cost estimates*** for the replacement of an existing two-way stop-controlled intersection with either a single-lane roundabout or two single-lane roundabouts and right-in/right-out control at the existing intersection.
07/15 – 05/19	**Safety Design IDIQ - US 190B at Jefferson Ave. Roundabouts, LADOTD, Covington, Louisiana.** *QA / QC Reviewer.* Supported the construction of a new roundabout in Covington as a ***quality assurance/quality control reviewer for roadway plans***. Plans reviewed included the construction of sidewalk for use by pedestrians.
09/09 – 03/12	**I-20 Garrett Road Connector Interchange Improvements, LADOTD, Ouachita Parish, LA.** *Technical Advisor.* Provided design oversight and technical advisory role for the ***Geometry and roadway design*** of the new KCS Railroad overpass and connector between Kansas Lane and Garrett Road, including interstate interchange modifications to include two-lane roundabouts at ramp intersections, and three two-lane roundabouts outside of the interchange. Improvements to the pedestrian and bicycle facilities were included in accordance with the ***LADOTD Complete Streets Policy***.
04/12 – 01/14	**US 11 Norfolk Southern Railroad Overpass Replacement Environmental Assessment and Line and Grade Study, LADOTD, Slidell, Louisiana.** Responsible for ***LADOTD design guideline compliance***. Replacement and widening of the US 11 roadway overpass of the Norfolk Southern Railroad. The project included evaluating partial and full-access intersection options and bridge alignment and type alternatives for the heavily skewed and long steel span bridge in this urban area of Slidell, Louisiana. Key issues included the bridge's imminent historic status, commercial parking impacts and adapting to the Norfolk Southern right-of-way and travel pattern changes following the construction.

01/14 – Ongoing	**Pete's Highway EA and Alternatives, LADOTD, Livingston Parish, Louisiana.** Responsible for ***QAQC of roadway plans***, ***line and grade***, ***and LADOTD design guideline compliance***. High-priority project completing an EA and traffic engineering services related to improving congestion and operations along Range Avenue in the vicinity of the I-12. Alternatives included two split diamond interchange options with roundabout, partial clover leafs, and c-d road components at both Range Avenue and the next existing, eastern overpass at Pete's Highway (LA 16); and a diverging diamond interchange alternative at Range Avenue.
10/16 – 02/18	**North Bayou Black Drive Bridge Off-System Highway Bridge Replacement Program, LADOTD, Terrebonne Parish, Louisiana.** Reviewed plans for the replacement of an off-system highway bridge. Detailed designed effort included field surveying, right of way adjustments, crash barrier selection, hydraulic analysis, ***preliminary and final plan preparation*** and ***cost estimates***.
09/12 – 12/15	**US 165 Connector and Ouachita River Bridge - Environmental Impact Statement, Line and Grade and Toll Study, LADOTD, Monroe, Louisiana.** Responsible for ***QAQC of roadway plans***, ***line and grade***, ***and LADOTD design guideline compliance***. Three alternatives were developed and evaluated along with various tolling scenarios. All alternatives traverse substantial tracts of wooded wetlands associated with Chauvin Swamp near the Russell Sage Wildlife Management Area.
04/12 – 01/14	**LA 434 Corridor Stage 1 Environmental Assessment, New Orleans Regional Planning Commission, Lacombe, Louisiana.** Responsible for ***LADOTD design guideline compliance***. EA for the widening and improvements of LA 434 between LA 36 and the anticipated new junction with LA 3241 near LaCombe, Louisiana in St. Tammany Parish.
10/90 – 10/01 10/05 – 10/10	**Urban System Program MPOs & Urbanized Areas, Statewide, Louisiana.** Responsible for the selection of the consultants, coordinating with the Metropolitan Planning Officials (MPOs) and the cities/parishes officials, ***coordinating with the LADOTD Planning Section***, ***developing the scope of services and fee*** for the projects, ***reviewing the construction plans*** and providing comments to the consultants and cities / parishes, and approving all invoices. Mr. Porta was responsible for developing the Urban Systems Program Seminar, which provided information on the processes and procedures used in the program. He served as project manager for signal projects in St. Bernard and Orleans Parishes.
09/01 – 05/06	**Transportation Infrastructure Model for Economic Development (TIMED) Program, LADOTD, Statewide, Louisiana.** *LADOTD TIMED Program Manager.* Worked and coordinated on a daily basis with the TIMED Program Manager (LTM) to develop training, procedures, policies, and guidelines for the program. This $5 billion program was developed to ***multilane over 500 miles of state highways as well as construct three new bridges;*** two of these bridges across the Mississippi River. The program manager was required to monitor the progress of the program and had full invoice approval of the consultant's monthly invoice. This position was a member of the TIMED Program Executive Committee and reported to the Secretary of the LADOTD. There were 16 projects that were recognized throughout the state. Bonds were sold to finance and, therefore, accelerate the program. Over 500 miles of state roadways were multilaned and three new bridge projects were designed.
05/06 – 07/10	**Road Design Engineer Administrator, LADOTD, Statewide, Louisiana.** Responsible for transitioning the focus of his section from project management back to ***roadway design*** as desired by the Chief Engineer. To support this mandate, brought in training from the FHWA Resource Center in Atlanta, GA to assist the development of a young group. Coordinated the training and provided through the Louisiana Transportation Training Education Center. Developed a Legal Seminar to address the lack of experience in Road Design and other LADOTD sections in depositions and representing the Department in court with the assistance of the Attorney General's Office. Responsible for the ***development of design criteria for Offset Left Turn Lanes and design guidelines for the replacement of bridges on state routes.***

Firm employed by: BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS				Meets MPR No. 5
Name	Daniel J. Magri, PE		Years of relevant experience with this employer	3
Title	Director – Transportation South		Years of relevant experience with other employer(s)	38
Degree(s) / Years / Specialization			Bachelor of Science / 1979 / Civil Engineering	
Active registration number / state / expiration date			PE.0021669 / LA / Exp. 03/2026	
Year registered	1985	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			**Discretionary Grant Programs, QA/QC and Technical Advisor (Safety)**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Magri obtained his bachelor's degree in civil engineering from Louisiana State University and has **40 years of diverse public-sector transportation experience including successfully developed diverse grant programs**. His professional background includes 30 years at the Louisiana Department of Transportation & Development (DOTD), where he last served as Assistant Secretary for the Office of Planning, and previously as Deputy Assistant Secretary for the Office of Planning. **Dan was in the DOTD Highway Safety Section for over 20 years and ascended to the role of Highway Safety Administrator** after many years as a highway safety engineer and Assistant Public Hearings and Environmental Impact Engineer. Dan is a member of the Institute of Transportation Engineers (ITE), the American Society of Civil Engineers, and past President of the Association of Transportation Safety Information Professionals (ATSIP). Dan was the recipient of the Charles E. Dunbar, Jr., Career Civil Service Award, which is the highest honor classified state employees can receive for their service to the citizens of Louisiana. **Mr. Magri meets Minimum Personnel Requirement Number 5.**
2017 - 2021	**Assistant Secretary/Deputy Assistant Secretary - Office of Planning, LADOTD, Baton Rouge, LA.** *Highway Safety Engineer / Manager.* Mr. Magri administered the planning and programming matters of the Department related to highways, bridge and pavement management, data collection and analysis, ***highway safety***, cartography, public transit and related matters, and any other special programs as directed by the Assistant Secretary and the Secretary. Directed four distinct sections of the Office with responsibilities in the areas of (1) public road inventory, traffic monitoring, pavement and bridge management systems, and cartography, (2) ***highway safety and crash database management***, (3) statewide and metropolitan transportation planning, highway project selection and programming, highway needs assessments, project scoping, and management of special projects, and (4) ***public transit***.
02/22 – 05/22	**Highway 7 Traffic Impact Study, Precision Engineering Corporation, Oxford, MS.** *Principal Transportationg Engineer.* Mr. Magri performed QA/QC for a study to determine the impact of a proposed residential development to the surrounding networks near Highway 7 in Oxford, MS. The traffic impact study (TIS) included an ***analysis of the expected traffic and safety performance for several scenarios***. The report provided a summary of the existing conditions, trip generation, trip distribution and assignment, Level of Service, and warrant analysis. Horizontal and vertical stopping sight distances were estimated based on design criteria along with storage lengths needed for turning movements into and out of the proposed development.
10/24 - Ongoing	**LA 74 Turn Lane Engineering Design, Ascension Parish Government, Prairieville, LA.** *Principal Transportationg Engineer.* Mr. Magri will be performing ***Safety QA/QC*** for this project. Under Task Order #03 for the Ascension Parish Government's Move Ascension program, Buchart Horn, Inc. will deliver a comprehensive suite of engineering design services for two key

	intersections along LA 74: L Landry Road and Chester Diez Road. These services are aimed at enhancing traffic operations by analyzing and conceptualizing the implementation of turn lanes. All work will adhere to Louisiana Department of Transportation and Development (LADOTD) standards, ensuring consistency and compliance with state guidelines. The project's structured phases underscore its commitment to precision and functionality, supported by thorough traffic analysis, topographic surveying, and a detailed conceptual layout.
1996 - 2017	**Highway Safety Administrator / Traffic Safety Manager / Traffic Safety Engineer, LADOTD, Baton Rouge, LA.** *Highway Safety Engineer / Manager.* Mr. Magri ***administered the activities for the Department's Highway Safety Program Section of the Office of Planning***. Activities related to this Section included ***highway safety policy and program development***, ***traffic safety records***, tort reduction, and the Louisiana Strategic Highway Safety Plan (SHSP). Administered the statewide Highway Safety Improvement Program (HSIP) and coordinated the activities of the nine District Traffic Operations Engineers on all matters dealing with highway safety and the study of crash locations. Served as principal assistant to the Assistant Secretary and the Deputy Assistant Secretary, Office of Planning. ***Directed and implemented the State's first Comprehensive Highway Safety Plan*** (CHSP). This was prior to the SAFETEA-LU (signed into law by President George W. Bush on August 10, 2005) requirement that states develop a SHSP. This effort eventually led to the development of the Louisiana SHSP to comply with SAFETEA-LU. ***Implemented the first safety analysis methodology utilizing the use of Louisiana specific Safety Performance Functions*** (SPFs). The SPF models provide an estimate of the normal or expected crash frequency and severity for a range of AADT among similar facilities. Louisiana DOTD still utilizes this methodology today. Developed, implemented, and administered the and ***Local Road Safety Program*** (LRSP). The LRSP is a LADOTD Local Public Agency (LPA) Program that provides local entities the opportunity to utilize federal-aid funds to improve highway safety on their local roadway network. Developed, implemented, and administered and the LADOTD ***Safe Routes to School Program*** (SR2S) which is now the Safe Routes to Public Places Program (SRTPP). Worked with the Louisiana Technical Assistance Program (LTAP) to establish the ***Local Road Safety Program*** (LRSP) outreach to Local Public Agencies (LPA) to facilitate the submission of LRSP applications. Administered the preparation and adoption of the Louisiana Complete Streets Work Final Report (SPN 736-99-1478) resulting in the Louisiana Department of Transportation and Development's first (July 2010) Complete Streets Policy. Served as Louisiana DOTD's voting member of AASHTO's Highway Traffic Safety Sub-Committee on Safety Management and the AASHTO Committee on Safety. Member of NCHRP 17-101 Project Panel Applying the ***Safe System Approach to Transportation Planning, Design, and Operations*** in the United States. Served as a ***Subject Matter Expert*** (SME) for the Transportation Professional Certification Board's (TPCB) exam development for Road Safety Professional (RSP) Level 1 and Level 2 "infrastructure specialty" certification.
1988 - 1996	**Louisiana Department of Public Safety, Louisiana Highway Safety Commission (LHSC), Baton Rouge, LA.** *Highway Safety Engineering Program Manager.* Mr. Magri ***managed the annual statewide highway safety program related to engineering projects from development through implementation to the evaluation of the completed projects***. Developed long range highway safety plans and managed and coordinated with federal, state and local agencies to administer, implement, monitor and evaluate the projects and programs. Prepared program/project budgets and negotiated contracts with state and local project agencies. Managed the state traffic accident records system and the US DOT Fatal Accident Reporting System (FARS).

Firm employed by. ARCADIS				Meets MPR No. 7
Name	Kristen Kasmire, PE, SE		Years of relevant experience with this employer	10.5
Title	Bridge Practice Lead		Years of relevant experience with other employer(s)	18.5
Degree(s) / Years / Specialization			MS / 2004 / Civil Engineering, Georgia Institute of Technology BS / 1996 / Civil Engineering, Georgia Institute of Technology	
Active registration number / state / expiration date			PE.0043461 / LA / Exp. 09/2025 SE081006836 / IL / Exp. 11/30/2026	
Year registered	2001	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			**QAQC / Technical Advisor (Structures)**	

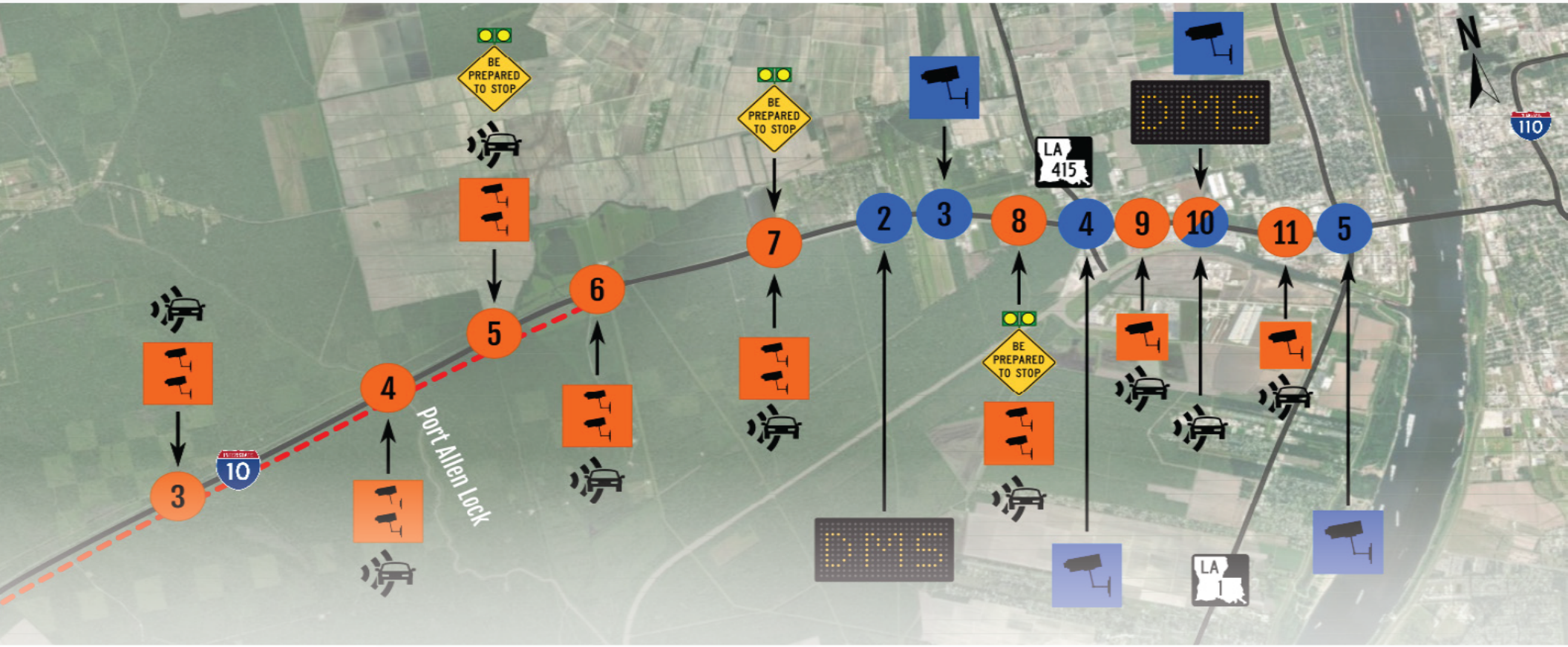
Experience dates	Experience and qualifications relevant to the proposed contract
	Ms. Kasmire has more than **28 years of experience designing structures including bridges, retaining walls, and other transportation facilities**; and managing transportation projects from concept through construction. She has worked for a variety of clients including state Departments of Transportation, counties, cities, contractors, and private developers. She has experience in both design-bid-build and design-build projects. She uses her diverse experience to deliver innovative solutions. Her role on this contract is to provide **QAQC and serve as a technical advisory** for any structural design components that may be required. **Ms. Kasmire meets Minimum Personnel Requirement Number 7.**
10/14 – Ongoing	**Buena Vista Road Bridges (Spider Web Network), Columbus, GA.** *Bridge Design Lead*. The GA Transportation Investment Act funded project will replace an at-grade railroad crossing with a grade separated crossing, improving safety and reducing travel delays on Buena Vista Road. Approximately 7 trains per day cross Buena Vista Road causing significant delays to the 27,000 cars traveling that corridor. Through analysis of traffic patterns in the area, the corridor will be re-aligned, and several intersections reconstructed to improve traffic flow and reduce congestion. The project will require ***staging of traffic to construct the grade separation*** while limiting impacts to the traveling public. The project also includes ***4 retaining walls and the replacement of an existing bridge*** carrying Buena Vista Road over Bull Creek. The bridge will be replaced using ***stage-construction***.
09/16 – Ongoing	**I-16 / I-95 Interchange Widening, GDOT, Chatham County, GA.** *Project Manager and Bridge Design Lead*. Responsible for the delivery of ***roadway and bridge costing plans***, full survey database, and an approved environmental document (Categorical Exclusion) to support this Interchange Reconstruction and Interstate Widening project. As ***bridge lead***, Kristen prepared ***conceptual staging plans*** for eight bridge replacements and provided ***cost estimates*** for the replacements, two new flyover ramps and some minor repair work. This effort assisted the roadway team in evaluating staging alternatives and allowed GDOT to evaluate costs and right-size project scope. With the better-defined scope, Kristen oversaw preparation of ***costing plans*** for the new flyovers, replacement of four bridges, and repair of five bridges. She ***coordinated the bridge work*** that was performed in-house and by subconsultants, ensuring ***consistency across all deliverables***. As the Project Manager, Kristen ***leads a multi-disciplinary team and works closely*** with GDOT's Office of Innovative Delivery to ensure the costing plans and supporting documents are delivered on schedule, enabling GDOT to select the Design-Build team in June 2018.
01/20 – Ongoing	**US 90 Business Signing Upgrades and Construction Engineering Support, LADOTD, Jefferson and Orleans Parishes, LA.** *Structures Technical Advisor*. Provide ***high-level structural guidance and review*** for the replacement of overhead and roadside sign structures. The existing and proposed sign structures are attached to existing bridges of various configurations

	and material types which required unique structural solutions to handle the current design loads without negatively impacting the existing bridges.
05/20 – 11/20	**Alphonse Forbes Bridge at Sandy Bayou Replacement, East Baton Rouge City-Parish, Watson, LA / 18-Br-Pt-0017. Bridge** *Quality Assurance and Technical Advisor*. ***Oversight of bridge design and plan production*** to ensure project met the requirements of the City, complied with AASHTO and City policies, and underwent Arcadis ***Quality Control and Quality Assurance process***. The project will replace an existing bridge on Alphonse-Forbes Road over Sandy Creek with a new 9-span flat slab bridge on pile bents. The project was designed to fit within the existing right-of-way and meet the required hydraulic opening.
03/16 – 08/18	**State Route (SR) 11 Bridge Replacement over Apalachee River, Walton/Barrow Counties, GA.** *Bridge Design Lead*. This project will ***replace a structurally deficient bridge*** and provide operational improvements to traffic on SR 11. The project will relocate SR 11 west of its present location, for a total of 0.57 miles. The proposed new bridge will be a 280' x 44' 3-span pre-stressed concrete (PSC) beam bridge and will be located just west of the existing bridge. The relocated SR 11 will consist of two 12' lanes with 10' rural shoulders (4' paved). Traffic will be maintained on the existing bridge while the proposed bridge is constructed to maintain local and through traffic during construction.
09/15 – 06/18	**I-85 Express Lanes Design Build (DB), Georgia Department of Transportation (GDOT), Gwinnett County, GA.** *Bridge Design Lead*. Responsible for ***producing design plans for impacted bridges*** to accommodate expansion of a congested Metro Atlanta interstate. The design plans propose to completely replace the southbound (SB) bridge over I-985; constructing one new bridge to transport the I-85 northbound (NB) managed lane over general purpose lanes; and widening I-85 NB and SB bridges over SR 20. The SB bridge over I-985 is a three-span PSC beam bridge, utilizing 74-inch Bulb Tee beams to span up to 163 feet. The bridge is supported on concrete piers with a mix of spread and pile footings and will be stage-constructed to maintain interstate traffic. NB managed lane bridge over I-985 is also a three-span bridge, using 78-inch Florida I-Beams to span up to 183 feet. Stability of this long-span beam was carefully analyzed during manufacture, transport, erection and in the final condition. The twin bridges over SR 20 are four-span bridges with span lengths ranging from 52 to 96 feet. The widening will be constructed of 54-inch Bulb Tee beams supported on reinforced concrete intermediate bents and steel h-pile end bents. Rock is shallow around the bridge, and foundations will be a combination of spread footings founded on rock and pile supported footings.
10/14 – 08/16	**I-75 South Managed Lanes Design-Build, GDOT, Henry County, GA.** *Bridge Design Lead*. Responsible for the ***design of variable rate toll lanes*** along I-75 between SR 155/ McDonough Road and SR 138/Stockbridge Highway utilizing GDOT's ***innovative DB approach to expedite project delivery***. Project includes two reversible lanes in I-75 center median from SR 138 in south Clayton County to just north of SR 20 and one reversible lane also in the center median, extending to SR 155 in Henry County. The project uses three slip access locations to provide ingress/egress from the managed lanes to/from I-75 general purpose lanes. A new dedicated "express-lane only" access interchange was constructed south of Jonesboro Road with a connector road back to Jonesboro Road. A flyover ramp to I-675 on northern terminus is included and provides slip ramps on I-675 near SR 138.

Firm employed by:	BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS		
Name	James Q. Dickerson, III, PE, PS	Years of relevant experience with this employer	17
Title	Principal Transportation Engineer	Years of relevant experience with other employer(s)	33
Degree(s) / Years / Specialization		Bachelor of Science / 1974 / Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 07586 / MS / Exp. 12/2025; PE.0038922 / LA / Exp. 09/2026 Professional Surveyor: PLS-02132 / MS / Exp. 12/2025	
Year registered	1979	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		**QA/QC and Technical Advisor (Environmental / Stage 0)**	

Experience dates	Experience and qualifications relevant to the proposed contract
	Mr. Dickerson has more than **50 years of professional transportation engineering experience**. He served as District Engineer for the Mississippi Department of Transportation's District Two, where he was responsible for coordinating the planning, designing, construction, and maintenance of the intermodal transportation network in the 17 counties of northwest Mississippi. Mr. Dickerson's areas of expertise include project management, quality assurance, constructability review, and construction engineering and inspection. He has experience on a wide range of projects, with significant experience conducting **Stage 0 Feasibility Studies** throughout the state.
07/17 – 02/22	**LA 931 and Roddy Road Roundabout and Safety Design, Ascension Parish, Gonzales, LA.** *Principal-in-Charge with quality control oversight.* This intersection historically involved high frequency and high severity crashes. This project was funded through the MoveAscension Initiative and addresses traffic mobility and safety issues. Provided ***design services*** for a new single-lane asphalt roundabout at the intersection of LA 931 and Roddy Road in Gonzales, LA. Services included preparing a roundabout report (***crash analysis***, ***cost-benefit analysis***, traffic analysis, speed study, safety analysis), electrical lighting design, subsurface drainage, permit application, ***preliminary and final design plans***, specifications, special provisions, construction estimates, and engineering calculations. This local roadway intersects a state route, resulting in LADOTD project permit requirements. The design complied with state and federal guidelines and received LADOTD review and approval.
03/21 – 06/23	**Safety Studies IDIQ - LA 3040 Stage 0 Safety Feasibility Study, LADOTD, Houma, LA.** *Principal-in-Charge with quality control oversight.* Responsible for QAQC and technical oversight for the study to identify safety and/or operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA. Assisted with the development of safety improvement alternatives and ***Stage 0 document preparation***.
05/21 – 08/22	**Safety Studies IDIQ - US 61 from Cardinal Drive to Bert Street, LADOTD, LaPlace, LA.** *Principal-in-Charge with quality control oversight.* Performed a ***Stage 0 safety feasibility study*** along approximately three miles of Airline Highway (US 61) in Laplace, LA and develop feasible safety countermeasures to address needs on US 61 between Bert Street and Cardinal Drive.
06/19 – 02/21	**US 167 Stage 0 Feasibility and Planning Study, Enola Street to Ross Road, LADOTD, Ville Platte, LA.** *Principal-in-Charge*. Prepared a ***Stage 0 Feasibility and Planning Study*** of a two-lane road to remove a curvilinear section of US 167 from Enola Street near LA 748, southeast for approximately 1.2 miles. ***Environmental impacts and cost estimates*** will be prepared. Responsible for assisting the Project Manager, monitoring the budget and schedule, and quality control oversight.
12/15 – 01/21	**US 167 Stage 0 Feasibility Study, Elsie Street to Gilbert Drive, LADOTD, Ville Platte, LA.** *Principal-in-Charge with quality control oversight.* The project need was to improve the US 167 corridor so that it will meet minimum DOTD design guidelines

	for rural arterials, which helped to improve safety and operations. The entire study corridor was classified as a high level of service of safety (LOSS), meaning that there was a high potential for safety improvement due to a high volume of decelerating vehicles along the corridor, inadequate sight distance, and deficient horizontal curvature at the intersection of US 167 and LA 749. The scope of the ***Stage 0 Feasibility Study*** consisted of Data Collection and evaluation, Coordination with LADOTD, existing safety analysis, Evaluation of existing roadway geometrics, ***alternative development*** and safety analysis, ***impacts evaluation*** (environmental, cost, right-of-way, wetlands), and a ***benefit cost analysis***.
03/19 – 11/20	**LA 117 from LA 8 to LA 118 Stage 0 Feasibility Study and Environmental Inventory, LADOTD, Leesville, LA.** *Principal-in-Charge with quality control oversight* Performed a Feasibility and Planning Study (referred to by the LADOTD as a "Stage 0" study) for 18 miles of two-lane LA 117 from LA 8 to LA 118. The study compared correcting vertical and horizontal geometry along with adding shoulders to adding passing lanes and turn lanes at strategic locations. ***Environmental impacts and cost estimates were prepared***.
04/14 – 09/17	**LA 19 Widening (LA 64 to Sunset Boulevard), Feasibility and Planning Study, LADOTD, Baton Rouge, LA.** *Principal-in-Charge with quality control oversight.* Prepared a ***Feasibility and Planning Study and Environmental Inventory*** according to the ***LADOTD Manual of Standard Practice*** to evaluate the feasibility of widening 1.4 miles of LA 19 from LA 64 to Sunset Boulevard per the Cooperative Endeavor Agreement (CEA) between LADOTD and the City of Zachary. An additional cost estimate was developed at the request of the client for the widening of LA 19 from LA 64 to Montegudo Boulevard.
05/21 – 11/24	**Jefferson Highway at Corporate Intersection Improvements, City of Baton Rouge/Parish of East Baton Rouge, LA.** *Principal-in-Charge with quality control oversight.* Provided design to extend existing and incorporate additional turning lanes, where necessary, to increase storage length and capacity. Additionally, pedestrian facility and driveway access enhancements were made to ***improve safety, pedestrian connectivity to transit facilities, and access management.***
11/13 – 08/19	**Safety Design IDIQ - US 425 Roundabout Design, LADOTD, Rayville, LA.** *Principal-in-Charge with quality control oversight* ***Design of a new six-legged roundabout*** at the intersection of US 425, Grimshaw Street, and Christian Drive and relocation of an existing frontage road, including construction phasing, quantity calculations, ***cost estimates***, and drainage design.
07/17 – 09/24	**New Roundabout, Parish Road 929 at Parker Road, Ascension Parish, Prairieville, LA.** *Principal-in-Charge with quality control oversight.* Design of a single-lane asphalt roundabout at the intersection of Parish Road 929 and Parker Road to replace the existing stop-controlled intersection. Services include topographic survey, ***preliminary and final roundabout plans and specifications***, right of way maps, SUE, and construction engineering and inspection.
04/19 – 08/19	**Citrus Boulevard Improvements Traffic Engineering, Jefferson Parish, LA.** *Principal-in-Charge with quality control oversight.* Provided ***traffic engineering and related services*** for upgrades of two intersections along Citrus Boulevard, in conjunction with roadway improvements, to accommodate the installation of a left turn lane, as well as removal and replacement of detection loops. The project included minor improvements at two intersections: Modification of a traffic signal due to the addition of left turn movement at Edwards Avenue and Citrus Boulevard and removal and replacement of loops at Dickory Avenue and Citrus Boulevard intersection.



Proposed ITS and Queue Warning System Design Concept To Improve Safety on I-10 Eastbound

Section 17

Arcadis Past Performance Evaluation:
Stage 0 Feasibility Study - I-10 Queue Warning SEA

"Arcadis performance has exceeded our expectations in terms of providing the expertise to analyze the traffic/safety data as well as engaging the project stakeholders to develop consensus toward a complete solution. This project was challenging in many ways but the engineering team at Arcadis went beyond the scope of the project to make sure that our needs for this project were documented and addressed. The feedback and comments to the deliverables were minimal and were easily and promptly resolved."

- Stephen Glascock, LADOTD ITS Director

17 FIRM EXPERIENCE:

Firm name	ARCADIS	Past Performance Evaluation Discipline(s)*	Planning, Road, Bridge
Project name	Stage 0 Studies IDIQ – LA 22 Tchefuncte River Bridge	Firm responsibility (prime or sub?)	Prime
Project number	H.015193.1	Owner's name	Louisiana Department of Transportation and Development (LADOTD)
Project location	St. Tammany Parish, LA	Owner's Project Manager	Hong Zhang
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225 379 1421, hong.zhang@la.gov		
Services commenced by this firm (mm/yy)	04/23	Total consultant contract cost ($1,000's)	$186
Services completed by this firm (mm/yy)	01/25	Cost of consultant services provided by this firm ($1,000's)	$186

Firms Role: Performed a *Stage 0 Feasibility Study* to develop and evaluate alternatives for the replacement of the existing LA 22 moveable bridge over the Tchefuncte River.

Firm Members Involved: Ari Deitch, Akhil Chauhan, Jose L. Rodriguez, Victor Sanchez, Anup Shah, Jason Morrell

Purpose and Need: The existing moveable bridge has a high frequency of openings due to high volume of marine traffic and low bridge elevation, which causes severe operational issues along LA 22 and the surrounding roadway network.

Data Collection: Arcadis *collected relevant data to establish existing conditions* and inform *alternative development and analysis* including previous studies, land-use, utilities, bridge navigation logs, bridge opening schedules, correspondence with US Coast Goard, bridge inspection reports, and as-built plans.

Alternative Development: Several alternatives were developed to address the purpose and need as described below:

- Off-Alignement Fixed Bridge – North alignment and a south alignment fixed bridge alternatives eliminate need for bridge openings and disruptions to traffic operations. Elevation was determined based on vessel heights from navigation data.
- On-Alignment Moveable Bridge – Provides a new moveable bridge with greater elevation to significantly reduce the frequency of bridge openings.
- Short-Term Alternatives – Includes ITS improvements such as DMS, CCTVs, signal improvements, bluetooth, and highway advisory radio to maximize the performance of the existing network. Also includes proposed modificaiton to bridge opening schedule.

Alternative Analysis: Included *construction cost estimates*, *ROW impacts*, *environmental reviews* related to community and historical / cultural / archaeological resources, ecological resources, and *benefits to traffic operations and safety*.

Stage 0 Documentation: The purpose and need, existing conditions, alternative development, and alternative analysis (costs, impacts, and benefits) was documented in a *Stage 0 Report and Stage 0 checklists* including the *Scope and Budget Checklist* and *Environmental Checklist*.

Relevant Services

- Stage 0 Feasibility Study
- Data Collection
- Alternative Development
- Prelim Road/Bridge Design
- Geometric Layouts
- Required ROW Estimates
- Construction Cost Estimates
- Stakeholder/Agency Coord.
- Environmental Review
- Stage 0 Checklists / Report

Figure: Existing Swing Span Steel Bridge Over Tchefuncte River

Firm name	ARCADIS	Past Performance Evaluation Discipline(s)*	Planning, Traffic
Project name	Stage 0 Feasibility Study – District 04 Ped Safety Improvements	Firm responsibility (prime or sub?)	Prime
Project number	H.015213.1	Owner's name	Louisiana Department of Transportation and Development (LADOTD)
Project location	Caddo and Bossier Parishes, LA	Owner's Project Manager	Jessica DeVille
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225 379 1844, jessica.deville@la.gov		
Services commenced by this firm (mm/yy)	02/23	Total consultant contract cost ($1,000's)	$268
Services completed by this firm (mm/yy)	05/24	Cost of consultant services provided by this firm ($1,000's)	$258

Firms Role: Performed a Safety *Feasibility Study* for 7 corridors within Caddo and Bossier Parishes that have a high potential for pedestrian safety improvements to *identify and evaluate low-cost pedestrian safety countermeasures*.

Firm Members Involved: Ari Deitch, Akhil Chauhan, Max Aguirre, Jose L. Rodriguez, Jose M. Rodriguez, Jason Morrell

Relevant Services

- Safety Feasibility Study
- Data Collection
- Historical Safety Analysis
- On-Site Field Reviews
- Stakeholder Engagement
- Countermeasure Selection
- Concept Drawings
- Predictive Safety Analysis
- Construction Cost Estimates
- Benefit-Cost Analysis
- Environmental Review
- Stage 0 Checklists / Report

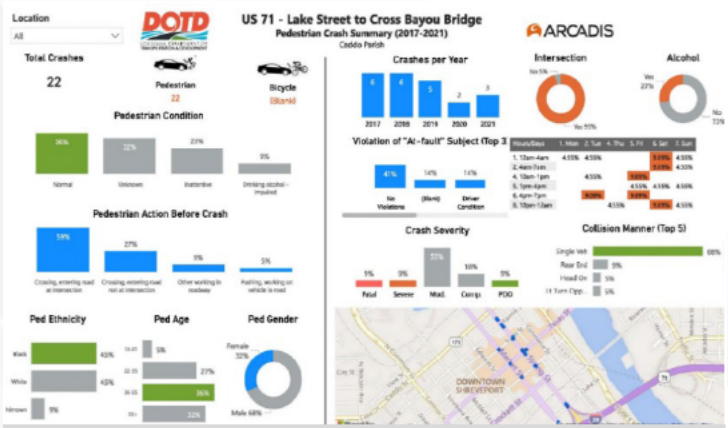


Figure: Custom Dashboard showing Historical Pedestrian Crash summary (2017-2021) on US 71 in Downtown Shreveport.

Project Background: Study locations were identified through the Louisiana Pedestrian Crash study prepared by CARTS. Locations were furthered screened through *collaboration with the District 04 DTOE* based on local knowledge of historical safety issues and pedestrian activity. Utlimately, 7 locations were selected for inclusion in the *Stage 0 Study*.

Study Methodology: The *Stage 0 Study* utilized a methodology similar to that of a Road Safety Assessment. Detailed *histrorical crash analysis* was performed for each location to identify areas of concern. On-site field reviews were performed for areas of concern to *document existing condition* of pedestrian facilities and activity and assess the feasibility of potential pedestrian safety countermeasures. Countermeasures were vetted through *stakeholder engagement, geometric layouts, construction cost estimates, and benefit-cost analysis (BCA)*. Expected benefits of safety improvements were quantified through the application of Crash Modification Factors (CMFs).

Stakeholder Engagement: Stakeholder engagement was a major component of the study. Stakeholders were identified at the beginning of the project and included LADOTD, City of Bossier, City of Shreveport, NLCOG, Downtown Development Authority, etc. *Stakeholders had significant input in the selection of safety countermeasures, which facilitated the incorporation of context sensitive solutions* that would be appropriate for the area and would have the support of state and local agencies.

Stage 0 Documentation: Separate *Stage 0 Reports* were provided for all 7 study locations, each containing a *benefit-cost analysis* to prioritize implementation. *Preliminary Scope and Budget* and *Environmental Checklists* were included with each *Stage 0 Report*.

Figure: On-Site Field Review of Project Site with High Potential for Pedestrian Safety Improvements

Firm name	ARCADIS	Past Performance Evaluation Discipline(s)*	Planning, Traffic
Project name	Stage 0 Feasibility Study – I-12 Hard Shoulder Running	Firm responsibility (prime or sub?)	Prime
Project number	H.0123571.1	Owner's name	Louisiana Department of Transportation and Development (LADOTD)
Project location	East Baton Rouge and Livingston Parishes, LA	Owner's Project Manager	Adriane McRae
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225 379 1950, adriane.mcrae@la.gov		
Services commenced by this firm (mm/yy)	03/16	Total consultant contract cost ($1,000's)	$102
Services completed by this firm (mm/yy)	10/19	Cost of consultant services provided by this firm ($1,000's)	$102

Firm's Role: Performed a *Stage 0 Feasibility Study* to evaluate the use of the hard shoulders and HOV lanes on Interstate-12 from its interchange with I-10 to its interchange with LA 447.

Firm Members Involved: Ari Deitch, Akhil Chauhan, Jose M. Rodriguez, David Fulks, Justin Maderia

Relevant Services

- Stage 0 Feasibility Study
- Applied Best Practices
- Historical Crash Analysis
- Traffic Analysis
- Predictive Safety Analysis
- Conceptual Roadway Design and Typical Sections
- Construction Cost Estimates
- Agency Coordination
- Stage 0 Documentation

Determination of Best Practices / Alternatives Development: Arcadis conducted extensive research of best practices around the world, which helped establish the effectiveness of hard shoulder running lanes and identified additional considerations to enhance safety. This also provided safety performance information related to trade-offs between lane width changes and addition of new capacity. *An understanding of best practices was used to identify reasonable alternatives* to be evaluated through traffic and safety analysis, and preliminary roadway design evaluation.

Traffic and Safety Analysis: A wide range of alternatives were evaluated from an operational standpoint using a *calibrated microsimulation model* for the I-12 corridor. A *vehicle occupancy study* was performed to estimate the number of vehicles that would be eligible to use the HSR lane under a High Occupancy Vehicle (HOV) scenario. Arcadis performed *existing and future year safety analysis* to identify historical high crash locations and overrepresented crashes. The crash data analysis included review of individual crash records to determine crash types, frequencies, and crash rates. *Predictive safety analysis* was performed to evaluate the safety impact of alternatives and how modifications such as reduced lane widths and additional travel lanes.

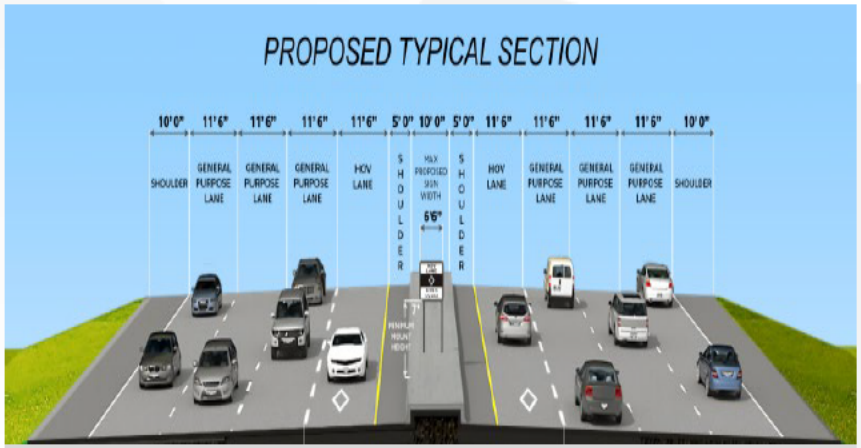


Figure: Proposed Typical Section of HSR/HOV Lanes on Interstate-12

Conceptual Design Drawings: *Conceptual roadway plans and typical sections* were developed to determine if the existing roadway infrastructure could accommodate the proposed HSR / HOV lanes on I-12. Maintaining existing bridges and coordination with proposed improvements for nearby projects posed the greatest challenges with determining feasibility. Arcadis met with District 61 staff to discuss ongoing projects and understand project challenges and design constraints. *Construction cost estimates* were developed for alternatives using *LADOTD Bid Estimating Tools*, and included costs for bridge / roadway widening, overlay, restriping, and permanent signing.

Stage 0 Documentation: Results of the study were developed into a *Stage 0 Feasibility Report* that included recommendations on alternatives as well as implementation strategies that could significantly reduce construction costs. Final study results were presented to the LADOTD project team and administration.

Firm name	ARCADIS	Past Performance Evaluation Discipline(s)*	Planning, Traffic
Project name	Stage 0 Feasibility Study – US 71 Corridor Phase II	Firm responsibility (prime or sub?)	Prime
Project number	H.010824.1	Owner's name	Louisiana Department of Transportation and Development (LADOTD)
Project location	Rapides Parish, LA	Owner's Project Manager	Jody Colvin
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225 242 4635, jody.colvin@la.gov		
Services commenced by this firm (mm/yy)	02/15	Total consultant contract cost ($1,000's)	$228
Services completed by this firm (mm/yy)	08/17	Cost of consultant services provided by this firm ($1,000's)	$210

Firm's Role: Performed a *Stage 0 Feasibility Study* to determine reasonable alternatives for the replacement of the Alexandria traffic circle at the intersection of US 71 (MacArthur Drive) and US 165 (Masonic Drive) in Alexandria, Louisiana. Scope included *data collection, traffic and safety analysis, alternative development, conceptual design drawings, construction cost estimates, and stage 0 documentation / checklists*. Arcadis conducted public and stakeholder meetings to present alternatives and obtain input. Throughout the study, Arcadis *met regularly with LADOTD HQ and District 08 project team members* to understand key issues and develop context sensitive solutions.

Firm Members Involved: Ari Deitch, Akhil Chauhan, Jose M. Rodriguez, David Fulks, Justin Maderia

Purpose and Need: The Alexandria traffic circle experiences moderate traffic delays during peak hours and has a history of crashes attributed to the geometric features of the intersection. The purpose of the study was to *determine feasible alternatives* that will alleviate traffic congestion and address historical safety issues.

Relevant Services

- Stage 0 Feasibility Study
- Traffic Data Collection
- Traffic and Safety Analysis
- Microsimulation Model (VISSIM)
- Alternative Development
- Conceptual Design Drawings
- Construction Cost Estimate
- Benefit-Cost Analysis
- Public / Stakeholder Involvement
- Stage 0 Checklists

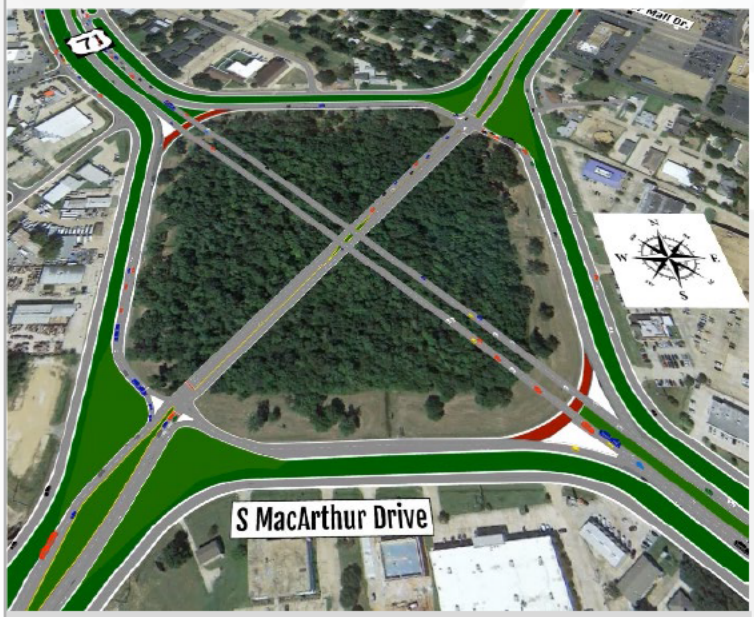


Figure: VISSIM Animation of Grade Separated Intersection Concept

Alternative Development / Screening: Based on identified safety and operational needs and future volume projections, Arcadis conducted an initial alternatives screening using CAP-X software. From the results, Arcadis *developed feasible alternatives* for further analysis, which included Median U-turn (MUT) intersection, Continuous Flow Intersection (CFI), and grade separated intersection concepts. Initial traffic analysis was performed using Synchro software to develop initial intersection configurations, followed by VISSIM modeling and *conceptual design drawings*. Arcadis also *evaluated phased implementation scenarios* for the grade separated intersection concept to reduce initial upfront costs.

Benefit-Cost Analysis: *Project benefits were quantified through microsimulation model results and predictive safety analysis*. Travel time savings and crash reductions were monetized using FHWA recommended values. Construction cost estimates were performed using LADOTD Bid Estimating Tools. A *benefit-cost ratio was calculated for each alternative* and was included in *Stage 0 documentation*.

Stage 0 Documentation: Arcadis completed the *Stage 0 Preliminary Scope and Budge Checklist* and *Environmental Checklist* as part of the Stage 0 documentation. Additionally, a traffic report and public meeting summary were completed.

Firm name	ARCADIS	Past Performance Evaluation Discipline(s)*	Planning
Project name	Stage 0 Studies IDIQ – Reconnecting Claiborne Grant Application	Firm responsibility (prime or sub?)	Prime
Project number	H.015316.1	Owner's name	Louisiana Department of Transportation and Development (LADOTD)
Project location	Orleans Parish, LA	Owner's Project Manager	Hong Zhang
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225 379 1421, hong.zhang@la.gov		
Services commenced by this firm (mm/yy)	09/23	Total consultant contract cost ($1,000's)	$29
Services completed by this firm (mm/yy)	02/24	Cost of consultant services provided by this firm ($1,000's)	$29

Firms Role: Arcadis provided support for a *discretionary grant program application* for the Reconnecting Claiborne project. The application was submitted through the Reconnecting Communities and Neighborhoods (RCN) Program, a federal discretionary grant program that provides funding opportunities for both community planning an capital construction projects.

Relevant Services

- Discretionary Grant Application Support
- Data Collection
- Application Narrative
- Merit Criteria Responses
- Key Information Tables
- Application graphics
- Stakeholder/Agency Coord.

Firm Members Involved: Ari Deitch, Meredith Guidry

Project Background: In 1967, Interstate 10 (I-10) was built in New Orleans. It cut through the heart of 14 historical neighborhoods, including Faubourg Tremé neighborhood. Since then, the residents of the Claiborne Corridor have been seeking ways to redress the harms and inequities of the past that result in many of the health and economic disparities they currently experience. The Reconnecting Claiborne project would be the *transformative investment needed to truly knit the pedestrian and roadway connections back together to increase safety and realize the community's vision for improving the space underneath the overpass*. Alternatives to address the project purpose and need include the removal and reconfiguration of access connections between I-10 and Claiborne Avenue, enhancement of areas beneath I-10 to promote community engagement and accessibility enhancemnets to pedestrian facilities, and potentially the complete removal of the I-10 corridor in this area.

Grant Application Support: Arcadis provided support in preparing the RCN community planning grant application. *Arcadis developed the application narrative with project background and scope of work and responses to merit critiera* including equity and environmental justice, access, facility sustainability, community engagement, equitable development, climate and environment, and workforce development of economic opportunity. Arcadis also developed *key information table* for the application and graphics to effectively communicate the proposed alternatives and scope of work.

Stakeholder Engagement: Arcadis worked with LADOTD and project stakeholders including City of New Orleans to collect data, understand the project background, and solicit feedback throughout the application development process.

Arcadis worked under an advanced NTP to meet the grant submittal date. The grant application was successful and LADOTD was awarded the maximum funding amount of $ 1.5 million.

Firm name	BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS	Past Performance Evaluation Discipline(s)*	Planning, Traffic
Project name	**Stage 0 Studies IDIQ - Statewide**	Firm responsibility (prime or sub?)	Prime
Project number	4400005873	Owner's name	LADOTD
Project location	Statewide	Owner's Project Manager	TO-Dependent
Owner's address, phone, email	1201 Capitol Access Road, Room 605Z, PO Box 94245, Baton Rouge, LA 70804; TO-Dependent		
Services commenced by this firm (mm/yy)	12/15	Total consultant contract cost ($1,000's)	$1,500
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm ($1,000's)	$1,500

Firms Role: Performed *Stage 0 feasibility studies* for various transportation projects throughout Louisiana. Several task orders were completed, utilizing *comprehensive professional engineering knowledge of the transportation system across all modes*, as well as our in-depth knowledge of DOTD's planning, programming, environmental, federal funding mechanisms, design standards, project management techniques.

Firm Members Involved: Jimmy Dickerson, Cal Joy, Hugo Leiva, Joseph Mingo

1. **H.011160.1-1: I-10 at LA 73 (LA 74 to LA 621), LADOTD, Prairieville, LA.** Performed the study with Tiered Analysis for I-10 at LA 73 in Prairieville, LA. The project area also included the corridor of LA 73 (LA 74 to LA 621), along with several additional connector routes and realignments in conjunction with the interchange. The study evaluated widening and interchange alternatives to improve traffic and safety operations in the project area and included a *crash data analysis and a relative comparison of safety* using the Highway Safety Manual predictive methodology.
2. **H.013817.1: LA 117 from LA 8 to LA 118 Feasibility Study, LADOTD, Leesville, LA.** The study and *environmental inventory* project consisted of *data collection* for alternative analysis, *safety analysis* for two project alternatives with a site meeting. The final alternative analysis was revised for alternatives based on *geometric layout analysis*.
3. **H.012311.1: LA 429 Connector Feasibility Study, LADOTD, Ascension Parish, LA.** The study goal and objective was to *evaluate alignment alternatives* for a limited-access corridor (LA 429) in the vicinity of I-10, between LA 30, LA 73 and US 61 in Ascension Parish in order to *decrease travel time* along existing corridors.
4. **H.013459.1: US 167 Safety Feasibility Study, Elsie Street to Gilbert Drive, LADOTD, Ville Platte, LA.** The entire study corridor had been classified as a high level of service of safety (LOSS), meaning that there was a high potential for safety improvement. BH's study consisted of *data collection and evaluation*, coordination with LADOTD, *existing safety analysis*, *evaluation of existing roadway geometrics*, *alternative development and safety analysis*, *impacts evaluation (environmental, cost, right-of-way, wetlands)*, and a *benefit cost analysis*.
5. **H.013460.1: US 167 Feasibility Study, Enola Street to Ross Road, LADOTD, Ville Platte, LA.** Study tasks included site investigation, *safety analysis*, *alternative analysis and geometric layouts*. The study compared connecting existing property owners to the new roadway with driveways and modifying the intersection of old roadways. The study evaluated two reasonable alternatives to address the alignment of US 167 from Enola Street (near LA 748) to Ross Road.

Relevant Services

- Stage 0 Feasibility Studies
- Crash Data Analysis
- Safety Countermeasures
- Access Management
- Traffic Analysis
- Conceptual Design
- Construction Cost Estimates
- Benefit Cost Analysis
- Environmental Inventory
- Stage 0 Documentation / Checklists

Proposed US 167 Roadway Widening Alternative

Firm name	BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS	Past Performance Evaluation Discipline(s)*	Planning, Traffic, Road
Project name	**Roddy Road and LA 931 Roundabout and Safety Design**	Firm responsibility (prime or sub?)	Prime
Project number	MA-18-10	Owner's name	Ascension Parish
Project location	Gonzales, LA	Owner's Project Manager	Kenny Matassa
Owner's address, phone, email	PO Box 2392, Gonzales, LA 70707, 225 450 1012, kmatassa@apgov.us		
Services commenced by this firm (mm/yy)	07/17	Total consultant contract cost ($1,000's)	$629
Services completed by this firm (mm/yy)	02/22	Cost of consultant services provided by this firm ($1,000's)	$500

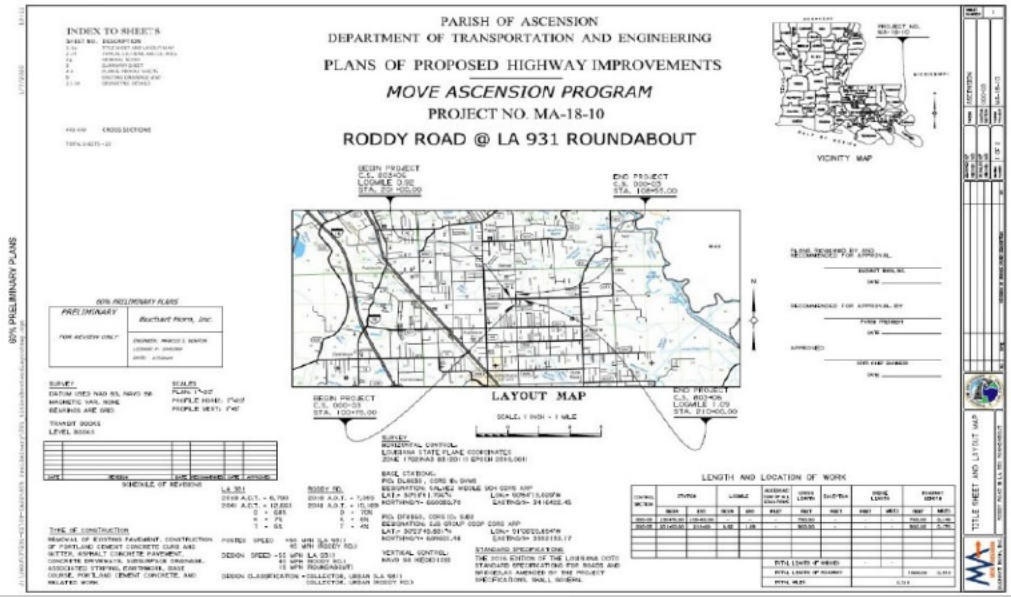
Firms Role: Provided *a feasibility report* and safety design services for the intersection improvements and roundabout study/design for the intersection of Roddy Road and LA 931. This intersection historically experienced a high frequency and high severity of crashes.

Firm Members Involved: Jimmy Dickerson, Cal Joy, Joseph Mingo

Roundabout Feasibility Study and Report: Although Roddy Road is a Parish roadway, the fact that it intersects with a State Route triggered the need for LADOTD review and approval. BH *successfully implemented the Traffic Engineering Process and Report* in the study and design and received approval from LADOTD for a project permit at this location. BH prepared a *roundabout report* (*crash analysis, benefit-cost analysis*, traffic analysis, speed study, *safety analysis*) prior to initiating design services.

Relevant Services

- Feasibility Study
- Roadway Safety Design
- LADOTD Minimum Design Guidelines
- Roundabout Report
- Historical Crash Analysis
- Benefit-Cost Analysis
- Construction Cost Estimate
- Preliminary and Final Plans



Roadway Safety Design Services: BH provided *design services for a new single-lane asphalt roundabout* at the intersection of LA 931 and Roddy Road in Gonzales, LA., electrical lighting design, subsurface drainage, permit application, *preliminary and final design plans*, specifications, special provisions, *construction estimates*, and engineering calculations. The design complies with state and federal guidelines.

While the project was delivered through the Move Ascension program, LA 931 is part of the state highway system. As such, *agency coordination was required to obtain approvals from state and local stakeholders*. All reports and plan submittals were provided to LADOTD for review and approval.

Firm name	BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS	Past Performance Evaluation Discipline(s)*	Planning, Traffic
Project name	**Stage 0 Feasibility Study – LA 3040 Corridor Improvements**	Firm responsibility (prime or sub?)	Prime
Project number	H.013322.1	Owner's name	LADOTD
Project location	Houma, LA	Owner's Project Manager	Bryan Costello
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70804, 225 379 1958, bryan.costello@la.gov		
Services commenced by this firm (mm/yy)	07/17	Total consultant contract cost ($1,000's)	$304
Services completed by this firm (mm/yy)	06/23	Cost of consultant services provided by this firm ($1,000's)	$279

Firms Role: Performed a study to identify safety and/or 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.

Firm Members Involved: Jimmy Dickerson, Cal Joy, Joseph Mingo

Safety Feasibility Study Scope: The study limits extended from the intersection of LA 3040 at West Main Street (LA 24) to the intersection of LA 3040 at South Hollywood Road. The study includes road safety assessments, traffic analysis, *alternative analysis and design*, *preliminary scope and budget checklist*, *environmental documentation and checklist*, and an *Opinion of Probable Cost*, as well as public and state and local official meetings.

Purpose and Need: The project corridor has a history of safety issues related to a high number of access points and conflicts along the corridor. Low-cost access management improvements have been attempted previously but offer room for improvement. BH is providing our *extensive Stage 0 experience* to solve these safety issues and supply our client with the *best alternative that addresses the context and needs of the community*.

Alternative Development and Analysis: Alternatives focused on more effective applications of access management over what had been previously installed. *Access management improvements* included installing raised medians, superstreet concepts, turn lane improvements, and driveway consolidation. *Geometric layouts* were produced for all alternatives as a basis for *determining project impacts and cost*.

Relevant Services

- Stage 0 Safety Feasibility Study
- Data Collection
- Historical Crash Analysis
- Highway Safety Manual
- Road Safety Assessments
- Alternative Development
- Geometric Layouts
- Env & ROW Impact Assessment
- Construction Cost Estimates
- Stage 0 Checklists
- Stage 0 Documentation

Figure: Build concept showing raised median with formalized u-turn location to reduce conflict points.

Firm name	digital engineering	Past Performance Evaluation Discipline(s)*	Planning, Traffic, Road
Project name	Safe Routes to School Program: New Orleans DPW Sidewalk Project and Multi-Modal Safety Improvements	Firm responsibility (prime or sub?)	Prime
Project number	H.009308	Owner's name	Louisiana Department of Transportation and Development (LADOTD)
Project location	New Orleans, LA	Owner's Project Manager	Laura Riggs, P.E
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 90804; 225 379 1143; laura.riggs@la.gov		
Services commenced by this firm (mm/yy)	11/17	Total consultant contract cost ($1,000's)	$192
Services completed by this firm (mm/yy)	09/21	Cost of consultant services provided by this firm ($1,000's)	$192

Firms Role: The goal of this project is to implement pedestrian and bicycle safety improvements along corridors and intersections to increase the number of students who walk and bike to five (5) schools throughout Orleans Parish: Einstein Charter Elementary, Einstein Charter Middle, Success Preparatory Academy, Audubon Charter School, and E.P. Harney Spirit of Excellence Academy Charter School.

Relevant Services

- Stage 0 Feasibility Study
- Stakeholder/Agency Coord.
- Construction Cost Estimates
- Stage 0 Documentation
- Low-Cost Safety Design
- Pedestrian and Bicycle Safety Improvements
- HAWK Signal Design

Firm Members Involved: Frank Liang, David LeBreton, Taylor Marino, Michael Flynn

Stage 0 Feasibility Study and Design: During the *Feasibility Phase*, DE met with the LPA and SRTS/SRTPPP Project Manager to review the project goals, conduct a site visit to observe each of the locations, and prepare a project report that included a detailed project scope, *cost estimates for engineering and construction*, and a time schedule for project completion. The typical scope for all five sites included removal and *replacement of over 5,000 square yards of concrete sidewalks, 82 (each) handicapped curb ramps, and over 5100 linear feet of high visibility crosswalk striping and stop bars* at intersections. Outside of the typical scope, the project included a number of safety features at the sites:

- In line with the City of New Orleans' Bicycle Master Plan, a 10' wide *multi-use path* spanning over 3,600 linear feet is being placed in the median along Michoud Boulevard adjacent to the Einstein Elementary and Middle School Sites
- Audubon Charter and E.P. Harney will receive *Flashing Beacons to increase awareness of pedestrians in their school zones*
- Success Preparatory and E.P. Harney will receive *pedestrian signal heads (w/ APS)* retrofitted onto existing signals at key intersections adjacent to the school sites, with Success Preparatory' s area also *implementing a Pedestrian Hybrid Beacon Assembly (HAWK)* near the Lafitte Greenway, a highly traveled and key pedestrian/bicycle corridor
- Lastly, the scope in the Success Preparatory area required a road diet on Bienville Street from N. Carrolton Street to Jefferson Davis Parkway to implement a *buffered bicycle lane and striped parking area*. The corridor received bicycle lane pavement markings, legends, and flex posts to increase safety for bicycle users along this corridor

Agency Coordination: All *installation of pedestrian crosswalks and countdown signals* required approval from the District Traffic Operations Engineer in accordance with LADOTD policies and procedures. All work is being performed accordance with LADOTD standards and requirements and the latest edition of the MUTCD. *Key components to the project are communication and collaboration as LADOTD (HQ & District), the LPA, five schools, and the CNO Bicycle Committee are all involved in this project.*

Firm name	digital engineering	Past Performance Evaluation Discipline(s)*	Planning, Traffic, Road
Project name	Stage 0 Feasibility Study and Design – Broad Street and Read Blvd Pedestrian Intersection Improvements	Firm responsibility (prime or sub?)	Prime
Project number	H.013094	Owner's name	Louisiana Department of Transportation and Development (LADOTD)
Project location	New Orleans LA	Owner's Project Manager	Laura Riggs, P.E.
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 90804; 225 379 1143, laura.riggs@la.gov		
Services commenced by this firm (mm/yy)	09/17	Total consultant contract cost ($1,000's)	$255
Services completed by this firm (mm/yy)	02/18	Cost of consultant services provided by this firm ($1,000's)	$255

Firms Role: DE provided a *Stage 0 Feasibility Study* and *design plans* for this project that seeks to increase the number of pedestrians who walk or ride bikes in the City of New Orleans. The two project locations include a 3/4-mile portion of the Broad Street corridor from Tulane Avenue to Lafitte Greenway Bike Path and a 1/4-mile length of roadway along Read Boulevard that exists under Interstate 10 from the north service road to the south service road.

Firm Members Involved: Frank Liang, David LeBreton, Taylor Marino, Michael Flynn

Relevant Services

- Stage 0 Feasibility Study
- Low-Cost Safety Design
- Stakeholder/Agency Coord.
- Construction Cost Estimates
- Preliminary and Final Design Plans
- Pedestrian Safety Improvements
- HAWK Signal Design
- Context Sensitive Solutions

Read Boulevard Improvements: The project scope for the Read Boulevard section of the project includes the *removal of existing concrete walks and replacing with shared-use paths along Read Boulevard* from the North I-10 Service Road to the South I-10 Service Road. *ADA curb ramps* will be added at all intersections and on/off ramp crosswalks. Appropriate crosswalk striping will be removed and replaced to be at all crossings along this stretch of the project. *LED pedestrian countdown signal heads* will be added to the existing I-10 Service Road locations. During the Feasibility phase, extensive outreach was required on the Broad Street portion of the project as it is a major business corridor and includes some portions in New Orleans' historical district.

Broad Street Improvements: The project scope for the Broad Street section of this project includes removal and *replacement of existing concrete walks*, drives and pavement, *LED pedestrian countdown signal heads at signalized intersections (w/ APS)*, and the installation of *two High-Intensity Activated crosswalk (HAWK) signals* at the intersection of Broad and the Lafitte Greenway.

Figure: Map of designed pedestrian improvements on Broad Street including sidewalks, pedestrian signals, and HAWK signals.

Firm name	digital engineering	Past Performance Evaluation Discipline(s)*	Planning, Traffic, Road
Project name	Stage 0 Feasibility Study and Design - West Judge Perez Drive	Firm responsibility (prime or sub?)	Prime
Project number	NA	Owner's name	NORPC + St. Bernard Parish
Project location	CHalmette, LA	Owner's Project Manager	Donnie Bourgeois
Owner's address, phone, email	8201 W. Judge Perez Dr., Chalmette, LA 70043; 504 271 7966, dbourgeois@sbpg.net		
Services commenced by this firm (mm/yy)	11/17	Total consultant contract cost ($1,000's)	$248
Services completed by this firm (mm/yy)	11/24	Cost of consultant services provided by this firm ($1,000's)	$248

Firms Role: The project was completed in multiple phases. The inital phase of the project included conducting a *Stage 0 Feasibility Study* for *improved walking, bicycling*, and potential *transit stop improvements*, as well as potential *motor vehicle safety related improvements* in the vicinity of Rowley Boulevard to Pakenham Drive on the north and south sides of W. Judge Perez drive (LA 39) (approx. 1.65 miles). The final phase of the project included devloping *preliminary and final design plans* for the recommended improvements.

Firm Members Involved: Frank Liang, David LeBreton, Taylor Marino, Michael Flynn, Stephanie Turner

Relevant Services

- Stage 0 Feasibility Study
- Low-Cost Safety Design
- Pedestrian and Bicycle Safety Improvements
- Traffic Data Collection
- Stakeholder/Agency Coord.
- Construction Cost Estimates
- Stage 0 Documentation
- Preliminary and Final Design Plans

Stage 0 Feasibility Study: Included a *comprehensive site investigation and data collection effort* at study area intersections and potential conflict points along the corridor. *Pedestrian and bicycle screenline counts* were taken at Rowley Boulevard, Dr. Meraux Boulevard, and Pakenham Drive along the corridor for three days during the a.m. and p.m. peak hours. Information such as Right-of-Way (ROW) maps, Average Daily Traffic (ADT) counts, land uses, and existing network conditions were also collected. *Navigating through the tight ROW's along the corridor was a challenge for this project as it has limited concrete walk locations.* At the conclusion of this site investigation/data collection effort, DE provided recommendations (alternatives) for review and consideration which include a *multi-use path* on the north side of the corridor or *sidewalks on both sides of the corridor*. These alternatives were placed on plan sheets with stationing and a legend for review. DE compiled all this information along with *cost estimates* and the *LADOTD Preliminary Scope and Budget Checklist and LADOTD Stage 0 Environmental Checklist* into a "Draft Report" and ultimately a Final Stage 0 Feasibility Study for review and approval by the NORPC.

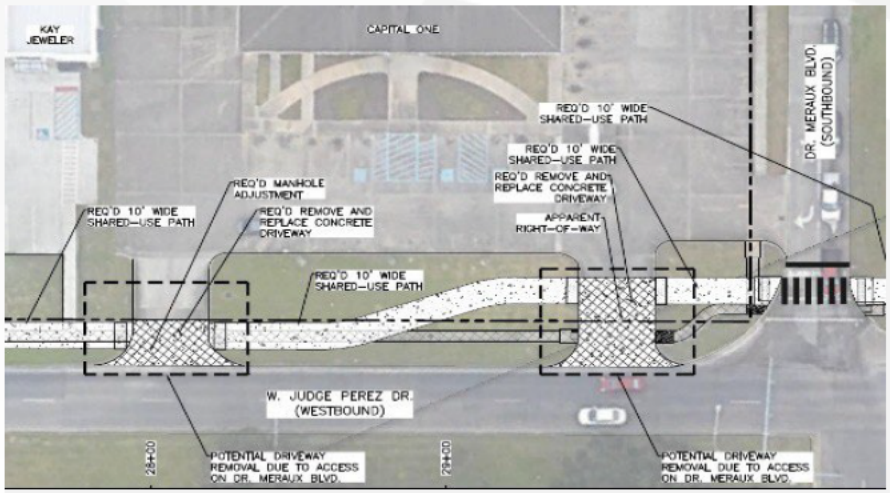


Figure: Proposed multi-modal safety improvements on W. Judge Perez Dr. in St. Bernard Parish

Design Plans - Ultimately, this project was awarded funding as a federal aid urban systems project named H.014643 LA 39: W. Judge Perez Dr. Enhancements. This phase involved *designing a 10-foot shared-use path* starting from the Guerengeh Canal and connecting to the existing sidewalk at the Pelican Point Car Wash near Dr. Meraux Blvd. On the north side, the path extended approximately 5,560 feet from the Guerengeh Canal, crossing the intersection at De La Ronde Drive and integrating with the Phase I portion. The design included *ADA-compliant curb ramps, crosswalk striping, and the installation of seven bus shelter pads*. Several design exceptions were prepared, including provisions for a two-way bike facility and adjustments due to the path's proximity to vehicular travel lanes.

People

34 staff committed to this contract with experience covering all disciplines to develop Stage 0 Studies

17 Staff exceeding MPRs

100 Professionals on our National Funding Team

Performance

Top Performance ratings:

Stage 0/Feasibility: **4.5/5**

Traffic (Safety & Traffic): **4.6/5**

Roadway: **3.8/5**

Bridge: **5.0/5**

Received positive performance reviews on recent Stage 0 Studies

Projects

More than **50** Stage 0 Feasibility Studies in Louisiana

Over **200** successful grant applications resulting in **$10B+** for transportation funding

Our approach is based on comprehensive experience of our local and highly-qualified multi-disciplinary people performing to highest quality standards on LADOTD Stage 0 Studies and Grant Applications.

Arcadis Past Performance Evaluation:
Stage 0 Feasibility Study - LA 3105 Corridor Improvements

"Arcadis has been overly prepared for kickoff and all intermediate meetings while providing documentation for all decisions made. All analyses submittals have been clear and easy to read/understand with all assumptions stated. Arcadis has provided alternatives that are constructible and make sense. The consultant came over prepared for the Stakeholder and Public Meeting. The presentation boards, conceptual alternative layouts, and VISSIM video for the public meeting expertly explained all of the essential points of the study clearly and effectively."

- Czarina Patolilic, LADOTD Traffic Engineering

Section 18

The Arcadis Team

The successful completion of task orders under this IDIQ contract will require an experienced multidisciplinary team that is intimately familiar with the LADOTD Stage 0: Feasibility process and standard practices. ***The Arcadis Team has successfully completed over 50 feasibility-level studies*** for a wide range of projects across the state including pedestrian and bicycle safety enhancements, roadways and intersection mobility and safety upgrades, access management improvements, interstate and interchange developments, bridge widening and replacements, as well as new roadway and bridge alignments. Additionally, Arcadis' National Funding Team has developed over ***200 successful federal grant applications*** in 34 states, securing ***$10 billion in grant funds for transportation agencies.***

Our past project experience has provided us the opportunity to develop working relationships with LADOTD, stakeholders, and Local Public Agencies (LPAs) in all nine Districts (02, 03, 04, 05, 07, 08, 58, 61, and 62). This experience is an important part of our approach as it enables us to ***apply our understanding of local needs to develop context sensitive solutions*** through Stage 0 studies.

Ari Deitch will be the Project Manager for the Arcadis Team, with over 13 years of professional experience leading and supporting feasibility and environmental clearance projects. Ari will be supported by our multidisciplinary consultant team of traffic, safety, roadway, bridge, environmental, grant specialisits, and planning professionals to provide high quality deliverables and meaningful results, on schedule. The Arcadis Team is supported by our expert subconsultants, ***Digital Engineering*** and ***Buchart Horn*** providing support for roadway, planning, and environmental services.

Project Scoping

A comprehensive, clearly defined scope of work is imperative to the successful and timely completion of task orders. Upon receipt of a task order and initial scope, Ari will request a meeting with LADOTD, District staff, LPAs, and other appropriate project stakeholders to discuss the project and gain a better understanding of background and goals. We will conduct preliminary desktop and field reviews of existing conditions to provide recommendations on specific data and scope elements. This is necessary to properly evaluate project feasibility. Putting in extra effort into the scope development process ensures a mutual understanding of tasks and deliverables, minimizes the number of scope revisions before acceptance, and avoids the need for supplemental agreements down the road.

Kick-Off, Progress, and Milestone Meetings

Upon receipt of Notice to Proceed, Arcadis will request a kick-off meeting with the LADOTD PM, District, LPA, and stakeholders to review project purpose and need, scope, study methodologies, communication protocols, schedule, QA/QC plan, risks/contingencies management, and immediate data needs. Arcadis will schedule monthly or bi-weekly meetings with the LADOTD PM to provide updates on the progress of task orders. Milestone meetings will be held following the submittal of key deliverables to discuss LADOTD comments and at critical decision points of the study. This helps to ensure a mutual understanding of comments and responses and minimizes the number of resubmittals. Our philosophy is that ***frequent communication is essential to meeting and exceeding our client's expectations and delivering projects on schedule***.

Traffic Engineering

Arcadis' approach to traffic engineering embraces the ideas and philosophies enumerated in the Traffic Engineering Process and Report (TEPR), scaled appropriately based on project complexity.

Verify Study Methodologies - Methodologies for key tasks including estimating unmet traffic demand, forecasting future conditions, and screening alternatives will be presented and thoroughly discussed during the project kick-off meeting to secure approval from the LADOTD Traffic Engineering Section. ***Arcadis' proactive approach will aid in mitigating common causes of delay with traffic studies and will streamline analysis tasks and reviews for traffic deliverables.***

Traffic Data Collection - Arcadis will identify and gather all traffic data necessary to establish the existing conditions of the study area, predict and analyze future conditions, and conduct alternatives screening and analysis. Data collection will be performed in accordance with TEPR requirements.

Existing and No-Build Network Analysis - Existing and no-build analysis will be conducted using an approved traffic analysis software. Our team is experienced with Highway Capacity Manual (HCM) methodologies and analysis tools (Synchro, Vistro, HCS, SIDRA) as well as advanced micro simulation analysis (VISSIM) to model more complex operational conditions.

Tier 1 Alternatives Analysis - Following the completion of existing and no-build analysis and identification of project needs, screening criteria for Tier 1 Alternative Analysis will be established with input from roadway, bridge, environmental, and planning disciplines. ***Screening criteria is developed based on unique needs and design constraints for each project.*** Proposed screening criteria will be presented to LADOTD during the existing and no-build results meeting and will be submitted for approval before conducting Tier 1 analysis. The Tier 1 analysis will utilize high level analysis tools such as Capacity Analysis for Planning of Junctions (CAP-X) and Intersection Control Evaluation (ICE) to evaluate the operational and safety performance of potential alternatives.

Tier 2 Alternatives Analysis (If Necessary) - Depending on the goals of the Stage 0 study, Tier 2 level analysis may be necessary to narrow down the number of alternatives and conduct a more in-depth evaluation of project feasibility. Measures of Effectiveness (MOEs) will be carefully selected to ensure that a meaningful comparison of alternatives is provided.

Results of the TEPR compliant study will be incorporated into the final Stage 0 Report to justify the need for proposed improvements.

Traffic Safety

The project team will compile and analyze crash data from the latest three-to-five LADOTD-approved years. Available historical traffic (vehicular, transit, and pedestrian/bicycle) data information, crash data, and field data will be used to identify safety-related issues for the project area. The Arcadis Team is highly experienced with ***Highway Safety Manual (HSM) Methodologies*** and network screening tools such as CATScan to identify historical crash patterns and Level of Safety Service (LOSS). ***Arcadis develops custom, interactive safety dashboards*** to quickly process safety data and provide meaningful statistics in a graphical format, which can be used to highlight conditions that need to be improved for a given location.

As necessary, the safety performance of proposed alternatives may be evaluated using applicable Crash Modification Factors (CMFs) or HSM Predictive Methods. Safety benefits may also be monetized using state specific values for crash severities to develop benefit-cost ratios as a comparative analysis tool.

Roadway & Bridge

Arcadis and our subconsultant Buchart Horn will conduct preliminary roadway and bridge design services in support of task orders to evaluate the feasibility and impacts of alternatives. ***The design team will work in conjunction with traffic, safety, environmental, and planning disciplines from Arcadis and LADOTD to find and develop the most suitable engineering solutions for the project.***

Design Criteria - The level of design detail required to conduct the feasibility evaluation will be determined on a case-by-case basis for each task order based on the goals of the study. Early in the design process, the Arcadis design team will determine roadway and/or bridge design criteria based on LADOTD design guidelines and a systematic evaluation of existing site data, traffic data, as-built plans, previous engineering reports, and project purpose and need. Design criteria will be developed with consultation and input from LADOTD, District, LPAs and stakeholders, and will be submitted for approval prior to initiating design development tasks.

Alternatives Screening / Evaluation - Once the design criteria is established and relevant data and analysis results are reviewed, the project discipline leads will work together to identify a range of potential alternatives as a part of Tier 1 alternative analysis. The alternatives will explore options that satisfy the project needs while ***minimizing impacts and enhancing multi-modal mobility and safety.*** The Tier 1 analysis will focus on impacts and design constraints most relevant to the project, which typically include right-of-way, geometric constraints, utility impacts, environmentally sensitive areas, construction costs (qualitative), etc.

Based on the results of the Tier 1 analysis, reasonable alternatives will be selected for further analysis and submitted to LADOTD for approval. Arcadis will request a meeting with LADOTD, District, LPAs and stakeholders to discuss results and obtain concurrence on alternatives selected for further analysis.

Concept Design Development - Selected alternative concepts will contain enough detail to provide a ***rational method for evaluating and comparing the technical design characteristics, environmental, and monetary aspects of each alternative.*** Complete streets, multi-modal, and context sensitive solutions will also be considered in the alternative development process in close collaboration with project stakeholders. Arcadis will present all options in a summary that describes the geometric and design features with exhibits utilizing aerial photography and available Lidar data.

Impact Assessment - The Arcadis design team will provide their expert opinion regarding structural, geometric, hydraulic, and safety issues. They will refer to the

environmental checklist and, when necessary, conduct site surveys to adequately address the requirements of the site being studied. They will ensure the project's feasibility and provide technical data to make informed decisions about the project cost and right-of-way requirements. ***The Arcadis Team's primary goal is to offer alternatives that meet the project purpose and need while providing cost-effective and buildable context sensitive solutions.*** The Arcadis Team will ensure that the proposed roadway and bridge concepts avoid and/or minimize impacts to environmental resources to the maximum extent practicable and offer solutions that consider the communities they serve and affect.

Environmental

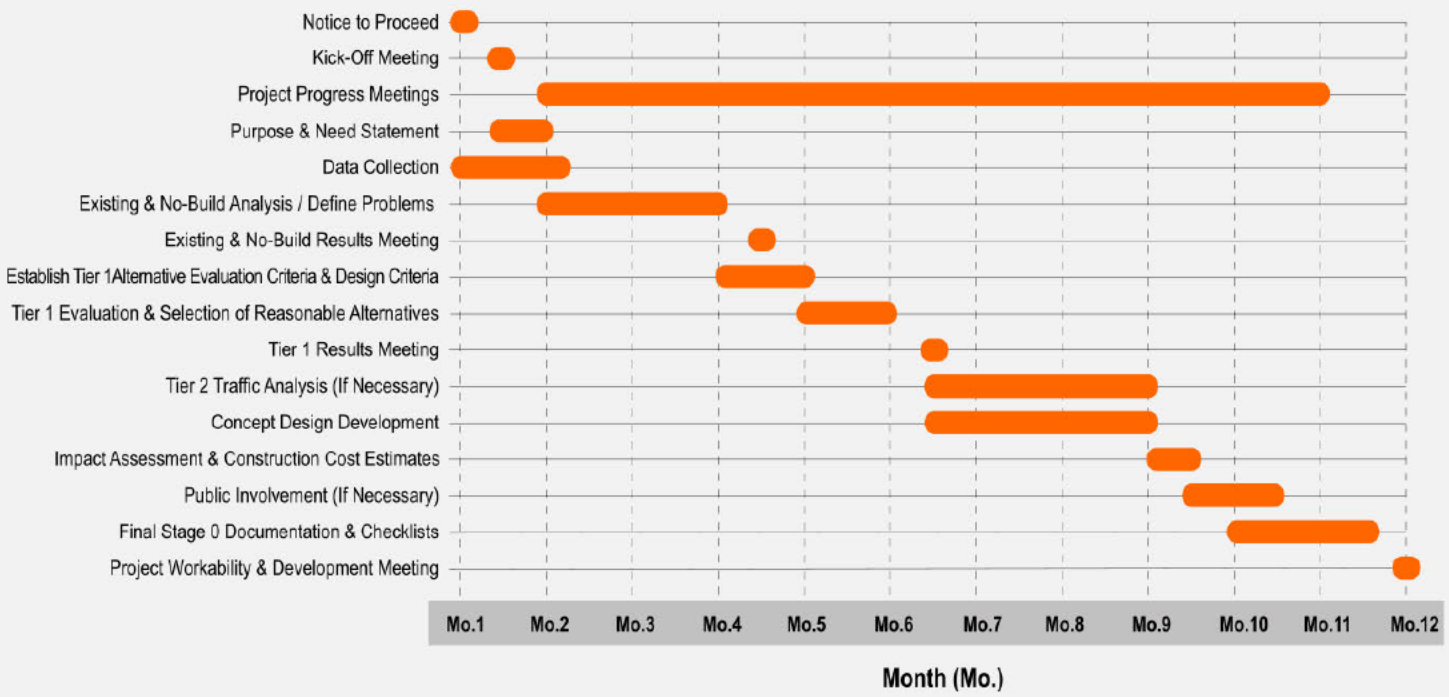
Using available desktop data and field assessment findings, our environmental experts conduct an environmental inventory to identify any existing conditions and resources as part of the environmental clearance process. Resources may include migratory birds, cultural resources, wetlands and other waters, flood zones, underground storage tanks and hazardous materials sites, community elements, Section 4(f) issues, threatened and endangered species, critical habitat, and coastal resources. These resources, along with cost estimates and findings from traffic and geometric design, will be used to compare the impact of various alternatives against the no-build option, including estimated permitting and mitigation costs. ***Environmental findings will be used in alternatives analysis to screen for and evaluate the impacts of reasonable alternatives.***

Stage 0 Documentation

The project purpose and need statement, study methodology, list of alternatives considered, and results from the alternatives analysis and TEPR compliant study will be documented in a ***Stage 0 Feasibility Report.*** The report will provide the basis and background for the responses recorded on the preliminary scope and budget checklist and environmental checklist, compliant with DOTD's Stage 0 Manual. The report will provide a sound record of the alternatives analysis so the concepts developed can move through later stages of the LADOTD project delivery process.

The Arcadis Team recognizes LADOTD's need to reduce unnecessary and cumbersome documentation, which slows down review times and delays the schedule. Each task order will be treated independently. In some cases, a full-size Stage 0 Feasibility Report may be unnecessary to satisfy the goals of the study. A sample task order schedule for Stage 0 Feasibility Studies is provided below.

Stage 0: Feasibility Study - Sample Task Order Schedule



Discretionary Grant Programs

Throughout the contract period, the ***Arcadis National Funding Team, led by Sarah Lynch, will continuously monitor for grant opportunities available to LADOTD***. Arcadis will identify key stakeholders and gather information on LADOTD's project pipeline including scope, schedule and budget, funding sources, and LADOTD's priority for each project. Arcadis will also identify potential risks including project readiness, environmental risks, or lack of local support. This will aid LADOTD in mitigating such risks and position for successful outcomes in grant applications. For discretionary grant opportunities that are identified and selected to be pursued, Arcadis is prepared to support LADOTD in all aspects of discretionary grant applications as described below.

Task 1 - Project Administration – The Arcadis Team will provide project management services for grant application task orders. A kick-off meeting will be held to review the Notice of Funding Opportunity (NOFO), establish grant strategy, identify stakeholders, and develop a work plan and schedule based on grant requirements. Arcadis will gather any data that is required and assign the technical staff necessary to complete the application by the deadline. The team will develop templates for letters of support and marketing material which convey data in an easily digestible way. If the application is a resubmission, feedback from USDOT will be discussed to ensure all comments are addressed. Arcadis will coordinate with all stakeholders and legislators, as needed, to facilitate collaboration and support, and will have ***regular touchpoints with LADOTD throughout the application development*** to provide status updates and solicit feedback on content.

The schedule for grant applications will vary based on the grant type, available data, stakeholder engagement, and submittal deadline. The Arcadis Team has prepared applications in as little as three weeks. However, we anticipate that typical grant application task orders will range from 3-5 months (see sample schedule).

Task 2 - Data Collection – All data and supporting documentation necessary to complete the application will be identified, ideally during project scoping. Arcadis will ***identify data gaps to meet the grant criteria*** and format and ***ensure that data gaps are addressed as part of the project scope***. The Arcadis Team is prepared to provide any and all services necessary to address data gaps.

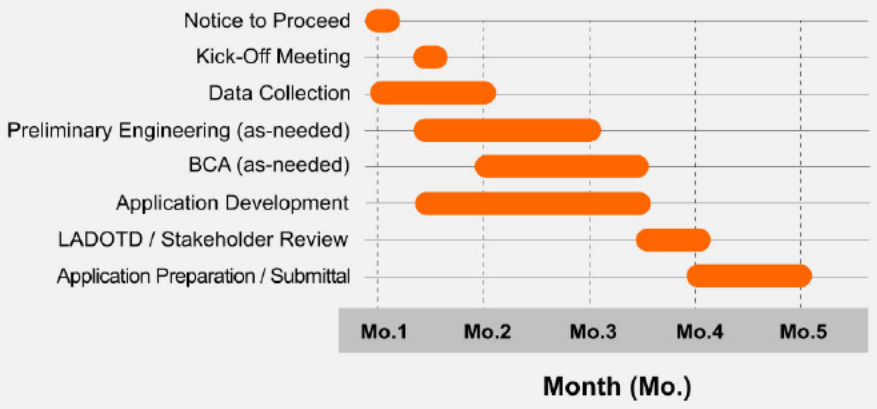
Preliminary engineering services that may be needed for grant applications will be proviced by the Arcadis Team, including traffic and safety analysis, cost estimation, benefit-cost analysis (BCA), conceptual design, growth factors, geospatial analysis, travel demand modeling, environmental reviews, etc.

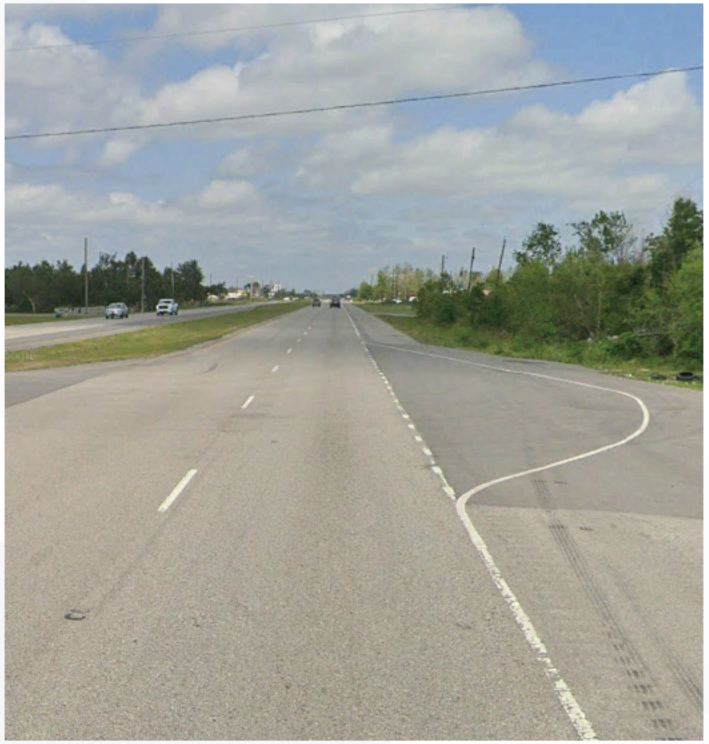
Task 3 – Develop Benefit-Cost Analysis – Arcadis is well versed on the USDOT BCA guidelines and will utilize the most current version to develop a BCA for this contract. ***Our BCA experts will prepare clear and coherent BCA narratives*** which include a high-level summary of the key components and describes assumptions, data sources, methodology, and detailed results. The BCA narrative will also include a detailed description of the baseline conditions and how the proposed project will solve the transportation problem.

Task 4 - Discretionary Grant Program Application Narrative and Preparation – The narrative will meet all USDOT guidelines, page layout requirements, be within the page limit, and tell a ***clear and compelling story that resonates with USDOT*** and aligns with their mission. Once LADOTD concurs with the narrative outline, a draft narrative will be developed. The narrative will ***demonstrate significant benefits and substantively respond to the criterion described in the NOFO***. Arcadis will create project area maps, disadvantaged populations maps, tables, detail renderings, and any other graphics needed.

Once approved by LADOTD, Arcadis will deliver all required documents at least one week ahead of the grant submission deadline —in the proper format and order. Arcadis will deliver the submission documents in PDF format and provide an editable Word document for your records. The typical required documents include the narrative, budget and budget narrative, BCA and BCA narrative, appendices with supporting documentation, letters of support, and project forms.

Discretionary Grant Application Sample Task Order Schedule





Implemented Safety Improvements on LA 3235 that were Identified in Arcadis' Stage 0 Feasibility Study

Sections 19-23

Arcadis Past Performance Evaluation:
Stage 0 Feasibility Study - LA 3235 Corridor Improvements

"It is my great pleasure to provide this reference letter for an outstanding performance by Arcadis' staff on this project. From scope development,to project planning, to budget and schedule control, to technical quality and delivery, its execution was flawless. Arcadis went above and beyond to successfully deliver this project and significantly exceeded our expectations, especially through communication and outreach. The success of this project has been showcased in many professional conferences and meetings. I would very strongly recommend Arcadis' safety services, and we look forward to working with them again."

- April Renard, PE, PTOE, Project Manager, LADOTD

19 WORKLOAD:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
ARCADIS	Traffic	4400029193 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12 *(50% of remaining work is complete and invoiced but awaitng payment)*	$1,490,002
		4400019379 / H.013797	LA 30: EBR PL – I-10	$232,048
		4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	$43,467
		4400021325 / H.012837.5	I-10 New Orleans Master Plan	$93,173
		4400023690 / H.015590.5	LA 494: LA 6 To Blanchard Rd	$194,387
		4400025625 / H.014622.2	St. Nazaire Road Ext: LA 96 – Corne Road	$190,399
		4400024084 / H.009300.5	CMAR Contract for Hooper Road Widening (LA 3034 – LA 37)	$12,348
		H.003931	I-10 Calcasieu River Bridge P3 Project *(Majority of remaining work to be completed within 1 year)*	$1,800,000
	Road	4400007175 / H.011328.2	I-49 South (Ricohoc to Berwick)	$269,615
		4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	$27,459
		4400019010 / H.010116.5	LA 1088: Soult and Trinity Roundabouts	$33,307
		4400025022 / Multiple State Project Nos	IJJA Off System Bridge Program – Road Task Orders	$26,082
		H.003931	I-10 Calcasieu River Bridge P3 Project *(Majority of remaining work to be completed within 1 year)*	$2,400,000
	ITS	4400025921 / H.015938.1	Transportation Systems Management and Operations (TSMO) Program	$142,500
		4400029193 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12 *(50% of remaining work is complete and invoiced but awaitng payment)*	$335,981
		4400026457 / H.013868.5	ITS MGMT, OPERATIONS, & MAINT	$504,999
		4400026457 / H.013868.6 (A)	ITS MGMT, OPERATIONS, & MAINT	$127,748
		4400026457 / H.013868.6 (B)	ITS MGMT, OPERATIONS, & MAINT	$65,079
		H.003931	I-10 Calcasieu River Bridge P3 Project *(Majority of remaining work to be completed within 1 year)*	$420,000

ARCADIS	Environmental	4400009703 / H.000688.2	US 11 Norfolk Southern Railroad	$3,008
		4400007175 / H.011328.2	I-49 South (Ricohoc to Berwick)	$926,274
		4400019338 / Multiple State Project Nos	Rural Bridge Replacement Initiative Phase II	$52,764
		4400009281 / H.009932	US 80 Widening: Vancil Road to Well Road EA	$5,343
		4400025022 / H.015498.5 Recall 102225	Park Road Over Lagoon	$35,000
		4400025022 / Multiple State Project Nos	IJJA Off System Bridge Program – Env. Task Orders	$183,549
		4400025625 / H.014622.2	St. Nazaire Road Ext: LA 96 – Corne Road	$65,529
		H.003931	I-10 Calcasieu River Bridge P3 Project *(Majority of remaining work to be completed within 1 year)*	$480,000
	Bridge	4400029193 /H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12 *(50% of remaining work is complete and invoiced but awaitng payment)*	$730,393
		4400025022 / Multiple State Project Nos	IJJA Off System Bridge Program – Bridge Task Orders	$20,498
		4400021325 / H.015193.1	LA 22: Tchefuncte Bridge Feasibility	$4,889
		H.003931	I-10 Calcasieu River Bridge P3 Project *(Majority of remaining work to be completed within 1 year)*	$900,000
	CE&I/OV	4400029193 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12	$365,196
		4400027361 / H.011220.6, H.012901.6, H.010634.6	US 90 Engineering Support	$261,305
		4400016923 / H.012901.6, H.010634.6	US 90Z (Bodenger Blvd. – Stumpf Blvd.)	$193,131
		4400025046 / H.013710.6	I-10: US 61 to LaPlace ITS Deployment (CE&I)	$35,297
		4400025665 / H.013482.6	I-10 WBR Queue Warning System *(Waiting on a supplement)*	N/A
	Data Colle-ction	4400021325 / H.012837.5	I-10 New Orleans Master Plan	$5,947
		4400023812 / H.015377.5	Weigh Station Assessment	$454,079

Firm(s)	Discipline(s)	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
digital engineering DIGITAL ENGINEERING & IMAGING, INC.	Other (Safety Program-SRTPP)	Contract No. 4400019870	IDIQ for Design of Safety Projects (Districts 03, 07, 08)	
		H.013722	Morgan City Sidewalks and Shared Use Path	$33,690
		H.015487	NOLA Pedestrian Safety Improvements (Phase II)	$295,029
		H.013716	US 167: Mt. Vernon St.-Churchill Dr (LAF)	$190,973
		H.013753	LA 428 General DeGaulle – Old Behrman	$34,165
		H.013719	US61 @ I-10 EB Off Ramp Ped Impr (NO)	$7,771
		Contract No. 4400015487	IDIQ for Design of Safety Projects (Districts 02, 61, 62)	
		H.015011	Local Road Signing & Striping (Ascension)	$23,596
		H.015210	Judge Tanner Blvd Sidewalk (St. Tammany)	$54,509
		H.012504	Town Center Pkwy Sidepath (Slidell)	$132,701
		H.013094	Broad St. - Read Blvd. Ped Improvements	$14,331
		H.016088	US 90b (Tulane Av) & Galvez St Ped Imp (No)	$6,500
		H.016076	Signal Improvements (Hammond)	$14,000
		H.016096	Acadia Rd Sidewalk Impr. (Thibodaux)	$6,500
		H.016098	LA 1, 308 & 70 Ped Cross Imp (Assumption)	$6,500
		H.016097	Bunche Elem & John Ehret HS Ped Imp. (Jeff)	$14,000
	CE&I/OV	Contract No. 4400027922 H.014736.6	St. John W. Bank Miss. R. Trail, Phase 2 (CE&I)	$73,749
		Contract No. 4400028509 H.012012.6	Ridgewood/Stroelitz (Airline to Loumor) (CE&I)	$443,789

Firm(s)	Discipline(s)	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
BUCHART HORN ENGINEERS • ARCHITECTS • PLANNERS	Environmental	H.005257, FAP 9902(518), 700-99-0302	Houma-Thibodaux to I-10 Corridor EIS	$3,284
		H.009153.2, FAP H009153	US 84 Improvements	$31,141
	Bridge	4400026073, H.010616.5	New I-20 Overpass over LA 544 Lighting	$70,707
		4400026073, H.010319.5	I-110 Lighting from North Street to Plank Road	$148,314

20 CERTIFICATIONS/LICENCES

STAFF CERTIFICATION CHART SUMMARY		
Names	**Firm**	**Relevant Certification**
Akhil Chauhan, PE, PTOE, PTP, PMP *Meets MPR No. 1, 2, & 4*	ARCADIS	Traffic Engineering Analysis Process & Report Module 1, 2, & 3 Professional Traffic Operations Engineer – #2544 / Exp. 11/2026 Professional Transportation Planner – #246 / Exp. 12/2027 Project Management Professional - #1444676 / Exp. 12/2025 NHI Course No. 142005 – NEPA and Transportation Decision Making NHI Course No. 380075 – New Approaches to Highway Safety Analysis FHWA–NHI Course No. 380071–Interactive Highway Safety Design Model (IHSDM) FHWA – NHI Course No. 133078 – Access Management, Location and Design Highway Capacity Analysis Training (2020) Roundabout Design Workshop (Completed 2013) Roundabout Analysis Workshop – SIDRA Intersection 6 (Completed 2013)
David Fulks, PE *Meets MPR No. 3*	ARCADIS	Highway Safety Manual Training (Completed 2011) Roundabout Design Workshop (Completed 2013)
Jose L. Rodriguez, PE *Meets MPR No. 3*	ARCADIS	ATSSA Traffic Control Supervisor
Ari Deitch, PE, PTOE, PTP, RSP *Meets MPR No. 4, & 5*	ARCADIS	Professional Traffic Operations Engineer – # 4346 / Exp. 11/2026 Professional Transportation Planner – #690 / Exp. 07/2025 Road Safety Professional - #37 / Exp: 12/2027 Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 ATSSA Traffic Control Supervisor Highway Safety Manual Workshop FHWA – NHI – 133121 Traffic Signal Design and Operation
Kester Hollier, PE, PTOE *Meets MPR No. 6*	ARCADIS	Professional Traffic Operations Engineer – #3928 / Exp. 11/2027 Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 ATSSA Traffic Control Supervisor
Max Aguirre, PhD, PE, PTOE, RSP2I *Meets MPR No. 5*	ARCADIS	Professional Traffic Operations Engineer – #5291 / Exp. 7/2025 Road Safety Professional 2I - #182/ Exp: 7/2027 ATSSA Traffic Control Supervisor Traffic Engineering Analysis Process & Report Modules 1, 2, & 3

20 CERTIFICATIONS/LICENCES

STAFF CERTIFICATION CHART SUMMARY		
Names	**Firm**	**Relevant Certification**
Justin Maderia, PE, PTOE, PTP *Meets MPR No. 6*	ARCADIS	Professional Traffic Operations Engineer – # 3455 / Exp. 7/2027 Professional Transportation Planner – #604 / Exp. 07/2026 Traffic Engineering Analysis Process & Report Modules 1, 2, & 3
Kristen Kasmire, PE, SE *Meets MPR No. 7*	ARCADIS	Structural Engineer - #SE.00429 / GA / Exp: 12/2025, 081.006836 / IL / 11/2026
Jason Morrell, PWS *Meets MPR No. 8*	ARCADIS	Professional Wetland Scientist - #2319 / Exp. 04/2028 FHWA-NHI-142005 NEPA and the Transportation Decision Making Process FHWA-NHI-142047 Water Quality Management of Highway Runoff
Jan Hughes *Meets MPR No. 8*	ARCADIS	FHWA-NHI-142005 NEPA and the Transportation Decision Making Process
Kimberly Arcement *Meets MPR No. 8*	ARCADIS	FHWA-NHI-142005 NEPA and the Transportation Decision Making Process
Jonathan Reid, PE, PTOE, RSP	ARCADIS	Professional Traffic Operations Engineer – # 1588 / Exp. 3/2026 Road Safety Professional - #104 / Exp: 12/2027 Traffic Engineering Analysis Process & Report Modules 1, 2, & 3
Tait Karlson, PE, PTOE	ARCADIS	Professional Traffic Operations Engineer – # 3091 / Exp. 7/2026 Traffic Engineering Analysis Process & Report Modules 1, 2, & 3
Clara Foshee, PE, PTOE	ARCADIS	Professional Traffic Operations Engineer – # 5800 / Exp. 11/2027 Traffic Engineering Analysis Process & Report Modules 1, 2, & 3
Czarina Patolilic, EI	ARCADIS	Traffic Engineering Analysis Process & Report Modules 1, 2, & 3
Laura Hartley, PE, PTOE	ARCADIS	Professional Traffic Operations Engineer – # 4322 / Exp. 11/2026
Meredith Guidry, PE, RSP	ARCADIS	Road Safety Professional - #861 / Exp: 7/2025 Traffic Engineering Analysis Process & Report Modules 1, 2, & 3
Julie Price, AICP	ARCADIS	AICP #176869 / USA / Exp. 06/2025
Cal Joy, PE	BUCHART HORN ENGINEERS • ARCHITECTS • PLANNERS	ATSSA Traffic Control Supervisor Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 LADOTD – Flagger Certificate – Exp. 4/1/2025 LTAP – RS#9 Road to Better Signing

20 CERTIFICATIONS/LICENCES

STAFF CERTIFICATION CHART SUMMARY		
Names	**Firm**	**Relevant Certification**
Daniel Magri, PE *Meets MPR No. 5*	BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS	FHWA-NHI – AASHTO Roadside Design Guide FHWA-NHI – Traffic Conflict Techniques for Safety Operations FHWA-NHI – Safety Management System FHWA-NHI – Improving Safety and Horizontal Curves FHWA-NHI-151042 – Transportation Safety Planning FHWA-NHI-310110 – Federal-Aid Highways 101 FHWA-NHI-133078 – Access Management Location and Design FHWA-NHI-380071 – Interactive Highway Safety Design Model LTRC – Designing Pedestrian Facilities for Accessibility NU-CPS – Accident Reconstruction for Traffic Engineers NUTI – Traffic Control Devices Workshop NCRPH – Highway Safety Manual Workshop
John Metille, Jr. *Meets MPR No. 8*	BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS	FHWA-NHI-142005 NEPA and the Transportation Decision Making Process NHI – Social and Economic Considerations in Highway Planning and Design NHI – Preparation of Environmental Impact and Section 4(f) Statements NHI – Environmental Leadership Seminar NHI – Environmental Training Center (intensive NEPA training course) NHI – Environmental Justice AROWA – Environmental Considerations USDOT/FHWA – Fundamentals of the National Environmental Policy Act of 1969 and Environmental Documentation Kentucky FHWA & KYTC – Continuous Process Improvements FHWA – Improving Transportation Project Development and Environmental Reviews Through Collaborative Problem Solving Canter/Turner – Review of NEPA Documents INDOT University- National Environmental Policy Act (Online Training) INDOT University National Environmental Policy Act (Initial Training)
Joseph Mingo, PE	BUCHART HORN ENGINEERS · ARCHITECTS · PLANNERS	Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 ATSSA Traffic Control Supervisor LTAP – RS#9 Road to Better Signing LTAP – LPA Qualification Core Training ATSSA Flagger

20 CERTIFICATIONS/LICENCES

STAFF CERTIFICATION CHART SUMMARY		
Names	**Firm**	**Relevant Certification**
David LeBreton, PE, PTOE, PTP, RSP *Meets MPR No. 6*	digital engineering DIGITAL ENGINEERING & IMAGING, INC.	Professional Traffic Operations Engineer – # 3333 / Exp. 11/2027 Professional Transportation Planner – #661 / Exp. 03/2028 Road Safety Professional - #314 / Exp: 7/2025
Taylor Marino, PE, PTOE, RSP1 *Meet MPR No. 6*	digital engineering DIGITAL ENGINEERING & IMAGING, INC.	Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 ATSSA Traffic Control Supervisor Refresher
Stephanie Turner, PE	digital engineering DIGITAL ENGINEERING & IMAGING, INC.	Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 ATSSA Traffic Control Supervisor
Michael Flynn, PE	digital engineering DIGITAL ENGINEERING & IMAGING, INC.	Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 ATSSA Traffic Control Supervisor
BUCHART HORN ENGINEERS • ARCHITECTS • PLANNERS		Louisiana's Secretary of State (SOS) Registration
digital engineering DIGITAL ENGINEERING & IMAGING, INC.		Louisiana's Secretary of State (SOS) Registration

Transportation Professional Certification Board Inc.

certifies that

Akhilendra Singh Chauhan

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 this certificate number 2544 issued in Washington, D.C. is subject to the provisions for renewal

November 24, 2008

Steven D. Hofener
Chair

PTOE
PROFESSIONAL
TRAFFIC
OPERATIONS
ENGINEER

Executive Director

Project Management Institute

THIS IS TO CERTIFY THAT

Akhilendra S Chauhan

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND SKILLS TO LEAD AND DIRECT PROJECT TEAMS AND IS HEREBY BESTOWED THE GLOBAL CREDENTIAL

Project Management Professional

IN TESTIMONY WHEREOF, WE HAVE SUBSCRIBED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE.

Beth Pariteton · Chair, Board of Directors

Mark A. Langley · President and Chief Exe cer

PROJECT MANAGEMENT INSTITUTE CORPORATE SEAL 1969 PENNSYLVANIA

PMP® Number **1444676**

PMP® Original Grant Date **16 August 2011**

PMP® Expiration Date **15 August 2014**

PMI Project Management Institute

Transportation Professional Certification Board Inc.

certifies that

Akhilendra Singh Chauhan

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

PROFESSIONAL TRANSPORTATION PLANNER

Unless withdrawn by the Certification Board, this certificate number 246 issued in Washington, D.C. is subject to the provisions for renewal

December 1, 2009

Steven D. Hofener
Chair

PTP
PROFESSIONAL TRANSPORTATION PLANNER
TRANSPORTATION PROFESSIONAL CERTIFICATION BOARD, INC.

Executive Director

U.S. Department
Of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Akhil Chauhan

has participated in

NHI Course No. 142005 -
NEPA and Transportation Decision Making

hosted by

LA DOTD/LTRC

Date: **May 28-30, 2014**

Location: **Baton Rouge, LA**

Hours of Instruction: **18**

Instructor

Instructor

Allison H. Landry
Local Coordinator

Richard Barnaby, Director
National Highway Institute

U.S. Department Of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

Akhil Chauhan

has participated in

FHWA - NHI Course No. 380071 -
Interactive Highway Safety Design Model (IHSDM)

hosted by

Louisiana Department of Transportation and Development

Date: May 9-10, 2012 ***Hours of Instruction:*** 12

Location: Baton Rouge, LA

Instructor

Instructor

Local Coordinator

Richard Barnaby, Director
National Highway Institute

U.S. Department Of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

Akhilendra Chauhan

has participated in

NHI Course No. 380075 –
New Approaches to Highway Safety Analysis

hosted by

LA DOTD/LTRC

Date: October 9-11, 2012 ***Hours of Instruction:*** 18

Location: Baton Rouge, LA

Instructor

Instructor

Local Coordinator

Richard Barnaby, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

Akhil Chauhan

has participated in

FHWA - NHI Course No. 133078
Access Management, Location and Design (3 day)

hosted by

LA DOTD/LTRC

Date: January 6-8, 2015 ***Hours of Instruction:*** 18

Location: Baton Rouge, LA

Instructor

Instructor

Local Coordinator

Valerie Briggs, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

Akhil Chauhan

has participated in

NHI Course No. FHWA-NHI-380106

Highway Safety Manual Online Overview

hosted by

National Highway Institute

Location: *Web-Based Course* ***Hours of Instruction:*** *12 hours*

Date: *7/18/2012*

Richard J. Barnaby, Director
National Highway Institute

Certificate of Training

PRESENTED BY

Louisiana Local Technical
Assistance Program

TO CERTIFY THAT

Akhil Chauhan

HAS SATISFACTORILY COMPLETED 7 PROFESSIONAL DEVELOPMENT HOURS IN:

Louisiana's Complete Streets Peer Exchange

Director of Louisiana LTAP Center

January 19-20, 2016
Date

Baton Rouge, Louisiana
Location

Certificate of Attendance

USING STATISTICS IN HIGHWAY SAFETY

PRESENTED BY

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TO CERTIFY THAT

Akhil Chauhan

HAS SATISFACTORILY COMPLETED 6 HOURS OF TRAINING

Dr. Helmut Schneider
Director
Highway Safety Research Group

CERTIFICATE OF PARTICIPATION

IS GIVEN TO

Akhil Chauhan

for having participated in Louisiana's Local Road Safety Peer Exchange

on September 10-11, 2015 in Baton Rouge, Louisiana

DORTHA F. CUMMINS
Director, Louisiana Center for Transportation Safety

Certificate of Completion

presented to

Akhil Chauhan

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

Akhil Chauhan

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

Akhil Chauhan

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

NE ROUNDABOUTS

CERTIFICATE OF COURSE COMPLETION

This certifies that ***David Fulks*** has completed

ROUNDABOUT DESIGN WORKSHOP

Hours of Instruction: 13

Location: Baton Rouge, Louisiana
Date: September 10th & 11th, 2013

Howard McCulloch

Howard McCulloch, P.E., NE ROUNDABOUTS

ATSSA

Safer Roads Save Lives

Jose Rodriguez

has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 29-MAR-2024

CEU (If Applicable): 0.75

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

Transportation Professional Certification Board, Inc.

certifies that

Ariel Jacob Deitch

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

Professional Transportation Planner

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 690 issued in Washington, DC, USA

07/17/2019

Diane W. Morabito
Chair

PTP PROFESSIONAL TRANSPORTATION PLANNER

Jeffrey F. Paniati
Executive Director

Transportation Professional Certification Board, Inc.

certifies that

Ari Jacob Deitch

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

Road Safety Professional

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 87 issued in Washington, DC, USA

12/21/2018

Diane W. Morabito
Chair

RSP ROAD SAFETY PROFESSIONAL

Jeffrey F. Paniati
Executive Director

Transportation Professional Certification Board, Inc.

certifies that

Ariel Jacob Deitch

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 4846 issued in Washington, DC, USA

11/20/17

Michael K. Park
Chair

PTOE PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Jeffrey F. Paniati
Executive Director

ATSSA

Safer Roads Save Lives

Ari Deitch

has attended
Louisiana Traffic Control Supervisor

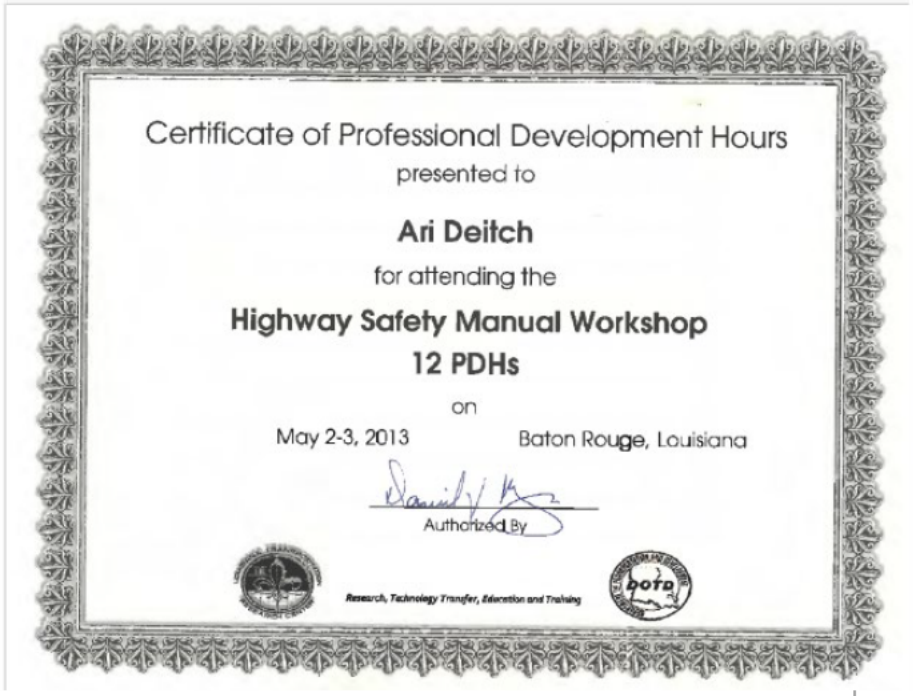
Completed: 22-FEB-2024

CEU (If Applicable): 1.5

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

ATSSA CERTIFIED

American Traffic Safety Services Association
ATSSA.com



Certificate of Professional Development Hours

presented to

Ari Deitch

for attending the

Highway Safety Manual Workshop

12 PDHs

on

May 2-3, 2013 Baton Rouge, Louisiana

Authorized By

Research, Technology Transfer, Education and Training

bota

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

NHI NATIONAL HIGHWAY INSTITUTE

Certificate of Training

ARI DEITCH

has participated in

FHWA-NHI-133121 Traffic Signal Design and Operation

hosted by

LA DOTD/LTRC

Date: *August 16-17, 2017*

Location: *Baton Rouge, LA*

Hours of Instruction: 11

Instructor

Instructor

Allison H. Landry
Local Coordinator

Valerie Briggs
Valerie Briggs, Director
National Highway Institute

Certificate of Completion

presented to

Ari Deitch

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

Ari Deitch

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

Ari Deitch

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

Transportation Professional Certification Board Inc.

certifies that

Kester Berk Hollier

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 3928 issued in Washington, D.C., U.S.A.
November 18, 2015

Kenneth W Ackert
Chair

PTOE
PROFESSIONAL
TRAFFIC
OPERATIONS
ENGINEER
TRANSPORTATION PROFESSIONAL CERTIFICATION BOARD INC.

Executive Director

Certificate of Completion

presented to

Kester Hollier

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

Kester Hollier

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

Kester Hollier

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

Transportation Professional Certification Board, Inc.

certifies that

Max Aguirre

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 5291 issued in Washington, DC, USA

7/13/2022

Deborah L Snyder

Deborah Snyder
Chair

PTOE PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Jeffrey F. Paniati
Executive Director

Transportation Professional Certification Board, Inc.

certifies that

Max Aguirre

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

Road Safety Professional

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 636 issued in Washington, DC, USA

8/3/2021

Deborah L Snyder
Deborah Snyder
Chair

RSP1 ROAD SAFETY PROFESSIONAL

Jeffrey F. Paniati
Jeffrey F. Paniati
Executive Director

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Max Aguirre
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

The Transportation Professional Certification Board

Certifies that

Max Aguirre, Ph.D.,PE,PTOE,RSP2I

successfully renewed the Road Safety Professional Infrastructure® (Level 2) 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: 182

Certificate of Completion

presented to

Max Aguirre

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: January 29, 2020
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

Max Aguirre

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: January 29, 2020
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

Max Aguirre

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: January 30, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Transportation Professional Certification Board, Inc.

certifies that

Justin M. Maderia

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

Professional Transportation Planner

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 604 issued in Washington, DC, USA

7/19/17

Michael W. Park
Chair

PTP
PROFESSIONAL
TRANSPORTATION
PLANNER

Jeffrey F. Paniati
Executive Director

Transportation Professional Certification Board Inc.

certifies that

Justin M. Maderia

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 3455 issued in Washington, D.C. U.S.A.

July 22, 2013

Timothy P. Harpst
Chair

PTOE
PROFESSIONAL
TRAFFIC
OPERATIONS
ENGINEER

Executive Director

Certificate of Completion

presented to

Justin Maderia

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: January 29, 2020
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

Justin Maderia

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: January 29, 2020
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

Justin Maderia

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: January 30, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

STATE OF GEORGIA
Darren Mickler, Director
Taylor Wright, Board Chair
Georgia Professional Engineering & Land Surveyors Board
Engineers / Land Surveyors
Structural Engineer

LICENSE NO. SE000429

Kristen Ann Kasmire
2508 Blaydon Pointe NW
Kennesaw, GA 30152

EXP DATE - December 31, 2025
ISSUE DATE - February 03, 2021
Active

Printed on December 31, 2024 1:59 PM

LICENSE NO.
081.006836

Department of Financial and Professional Regulation
Division of Professional Regulation

LICENSED STRUCTURAL ENGINEER

KRISTEN ANN KASMIRE

EXPIRES:
11/30/2026

MARIO TRETO, JR.
SECRETARY

CAMILE LINDSAY
ACTING DIRECTOR

The official status of this license can be verified at IDFPR.illinois.gov

Society of Wetland Scientists
Professional Certification Program, Inc

renews the designation

Professional Wetland Scientist

For

Jason E. Morrell

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Renewal Program, and verified by the Society's Certification Renewal Review Panel.
Professional Wetland Scientist Number 2319 issued on 4/1/2013 and recertified on 5/2/2023.
Due to recertify again by 4/1/2028.

Rob McInnes, PWS
President

Pat Frost, PWS
Certification Renewal Chair

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

JASON MORRELL

has participated in

FHWA-NHI-142005 NEPA and the Transportation Decisionmaking Process

hosted by

LA DOTD/LTRC

Date: *December 3-5, 2018*
Location: *Baton Rouge, LA*

Hours of Instruction: 18

Instructor

Instructor

Local Coordinator

Valerie Briggs, Director
National Highway Institute

U.S. Department Of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

Jason Morrell

has participated in

FHWA-NHI-142047 Water Quality Management of Highway Runoff

hosted by

Georgia Department of Transportation

Date: *October 25-26, 2011*
Location: *Atlanta, GA*

Hours of Instruction: *12 hours*

Instructor

Instructor

Local Coordinator

Richard Barnaby, Director
National Highway Institute

U.S. Department of Transportation

Federal Highway Administration

National Highway Institute

national highway institute

Certificate of Training

JAN HUGHES

has participated in

FHWA-NHI-142005 NEPA and the Transportation Decisionmaking Process

hosted by

LA DOTD/LTRC

Date: *January 9-11, 2024*

Location: *Baton Rouge, LA*

Hours of Instruction: 18

Instructor

Kathy Baumgaertner

Instructor

Allison H. Landry

Local Coordinator

Stacey J. Caston

Stacey J. Caston, Director
National Highway Institute

U.S. Department
Of Transportation
Federal Highway
Administration

National Highway Institute

Certificate of Training

Kimberly Arcement

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

has participated in

NHI Course No. 142005 -
NEPA and Transportation Decision Making

hosted by

LA DOTD/LTRC

Date: **April 10-12, 2012**

Location: **Baton Rouge, LA**

Hours of Instruction: **18**

Instructor

Instructor

Local Coordinator

Richard Barnaby, Director
National Highway Institute

Transportation Professional Certification Board, Inc.

certifies that

Jonathan David Reid

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

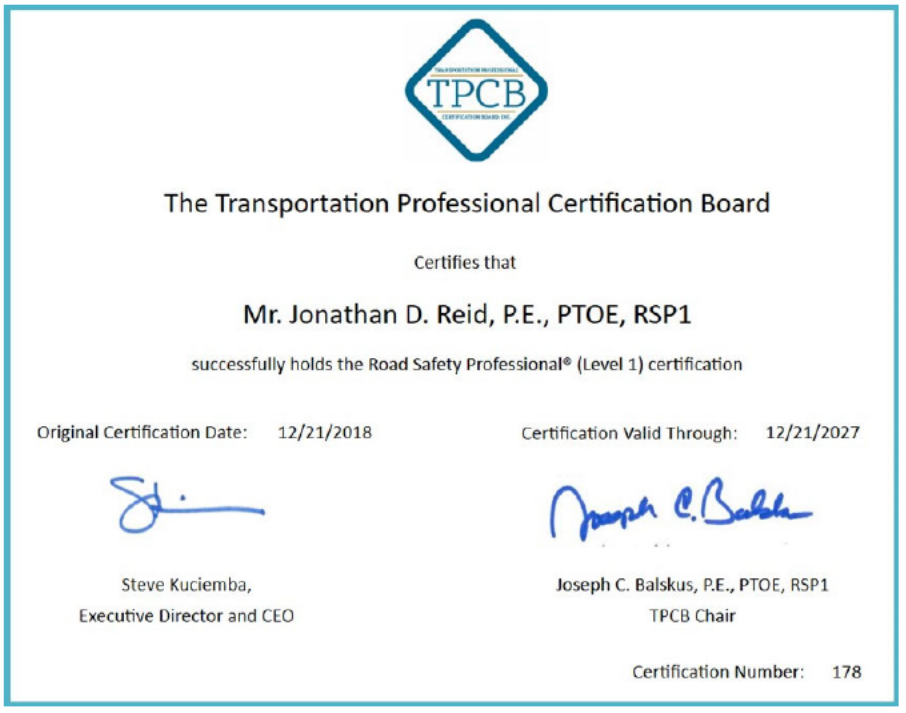
PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Unless withdrawn by the Certification Board, this certificate number 1588 issued in Washington, D.C. will remain valid for three years from March 22, 2005

Chair

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Executive Director



TPCB

The Transportation Professional Certification Board

Certifies that

Mr. Jonathan D. Reid, P.E., PTOE, RSP1

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

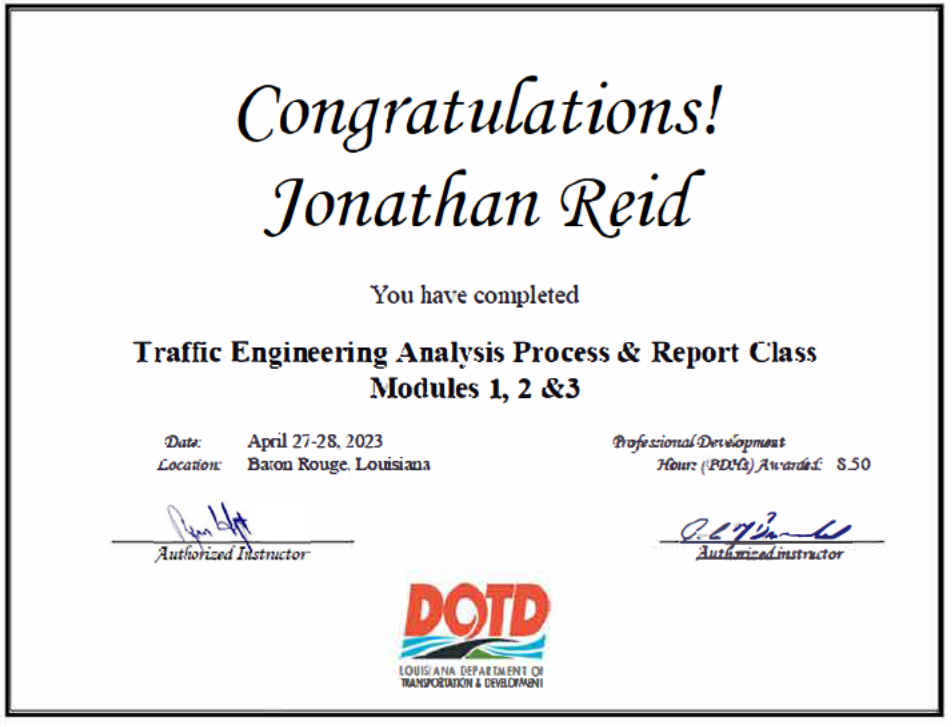
Original Certification Date: 12/21/2018

Certification Valid Through: 12/21/2027

Steve Kuciemba,
Executive Director and CEO

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

Certification Number: 178



Congratulations!
Jonathan Reid

You have completed

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

Date: April 27-28, 2023
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 8.50

Authorized Instructor

Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Transportation Professional Certification Board Inc.

certifies that

Tait K. Karlson

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 3091 issued in Washington, D.C., U.S.A.

July 20, 2011

Steven D. Hofener
Chair

PTOE
PROFESSIONAL
TRAFFIC
OPERATIONS
ENGINEER
TRANSPORTATION PROFESSIONAL CERTIFICATION BOARD INC.

Executive Director

Certificate of Completion

presented to

Tait Karlson

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July1, 2019
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

Tait Karlson

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: July1, 2019
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

Tait Karlson

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
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Transportation Professional Certification Board, Inc.

certifies that

Clara Foshee

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 5800 issued in Washington, DC, USA

11/13/24

Joseph C. Balskus
Chair

PTOE PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Steve Kuciemba
Executive Director

(http://www.ltrc.lsu.edu/index.html) REGISTRATION

(http://www.ltrc.lsu.edu/index.html)

Courses (/admin/courses)

Students (/students)

Admin Panel (/admin)

maryleahcoco

VIEW PROFILE

(/users/profile)

LOGOUT

(/logout)

Back to Main Site (http://www.ltrc.lsu.edu/index.html)

Courses (/courses) / **Students (/students)** / Foshee, Clara

Email	clara.foshee@la.gov
First Name	Clara
Last Name	Foshee
Title	Engineer Intern 2
Address Line 1	685 N Morrison Blvd
Address Line 2	
City	Hammond
State	Louisiana
Zipcode	70401
Group	Louisiana DOTD
Company	DOTD - D62
Phone Number	985-375-0120
Created By	Manually Registered Online (884)

Show 10 entries

Search:

Course	Date/Time	Enrollment Status	Teacher
Traffic Engineering Process & Report Class Series (/courses/view?id=21)	2018-09-05 8:00 am	dropped	Jody Colvin, John Broemmelsiek, and Ryan Hoyt
Traffic Engineering Process & Report Class Series (/courses/view?id=21)	2018-10-01 8:00 am	completed	Jody Colvin, John Broemmelsiek, and Ryan Hoyt

Showing 11 to 12 of 12 entries

Previous 1 2 Next

(https://www.facebook.com/LTRCUpdates/)

(https://twitter.com/LTRC_Updates)

(https://www.youtube.com/channel/UCnrd7_1ZU-BmsQTqsf8933Q)

(225) 767-9131
Email Webmaster (mailto:ltrcpublications@gmail.com)

Certificate of Completion

presented to

Clara Foshee

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: October 1, 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

Clara Foshee

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: October 10, 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

Clara Foshee

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 18, 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

Rina Patolilic

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: March 29, 2022
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

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

Certificate of Completion

presented to

Rina Patolilic

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: March 29, 2022
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

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

Certificate of Completion

presented to

Rina Patolilic

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*

Transportation Professional Certification Board, Inc.

certifies that

Laura E. Hartley

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 4322 issued in Washington, DC, USA

11/20/17

Joseph C. Balskus
Chair

PTOE PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Jeffrey F. Paniati
Executive Director

Transportation Professional Certification Board, Inc.

certifies that

Meredith Guidry

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

Road Safety Professional

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 861 issued in Washington, DC, USA

7/13/2022

Deborah Snyder
Chair

ROAD SAFETY PROFESSIONAL

Jeffrey F. Paniati
Executive Director

Certificate of Completion

presented to

Meredith Guidry

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
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Meredith Guidry

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
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Meredith Guidry

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

The American Institute of Certified Planners

The Professional Institute of the American Planning Association

hereby qualifies

Julie Anne McQueen

as a member
with all the benefits
of a Certified Planner and
responsibility to the
AICP Code of Ethics
and Professional Conduct.

Certified Planner Number: **021863**

August 13, 2007

PRESIDENT

EXECUTIVE DIRECTOR

U.S. Department of Transportation
Federal Highway Administration

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

National Highway Institute

Certificate of Training

John Mettille

has satisfactorily completed training in

NEPA and Transportation Decision Making

conducted by

Federal Highway Administration

Location: *Frankfort, Kentucky*

Date: *September 30 – October 2, 2003*

Hours of instruction: *21.0*

Continuing Education Units: *1.8*

Instructor

Director, National Highway Institute
Federal Highway Administration

Coordinator

Director, Office of Professional Development
Federal Highway Administration

The U.S. Department of Transportation
Federal Highway Administration

National Highway Institute
Certifies that:

JOHN METTILLE, JR.

has satisfactorily completed 26 hours of training in:

SOCIAL AND ECONOMIC CONSIDERATIONS
IN HIGHWAY PLANNING AND DESIGN

Conducted by

ALAN M. VOORHEES AND ASSOCIATES, INC.

October 18-21, 1977
Date

William M. Cox
Federal Highway Administrator

Roy W. Pidwell
Director, National Highway Institute

Frankfort, KY
Place

Carl A. Fallen

Douglas W. Dunting
Course Director

The U.S. Department of Transportation
Federal Highway Administration

National Highway Institute
Certifies that:

JOHN L. METTILLE, JR.

has satisfactorily completed 20 hours
of training in:

PREPARATION OF ENVIRONMENTAL IMPACT
AND SECTION 4(F) STATEMENTS

Conducted by

FHWA, OFFICE OF ENVIRONMENTAL POLICY

December 6-8, 1977
Date

William M. Cox
Federal Highway Administrator

Roy W. Pidwell
Director, National Highway Institute

Frankfort, KY
Place

Course Director

American Right of Way Association

Awards this certificate to

John L. Mettille

in recognition of satisfactory completion of

Environmental Considerations

Awarded

March 16, 1978

Richard P. Ricketts
International Education Chairman

Ralph C Brown
Director of Education

Commonwealth of Kentucky

Transportation Cabinet

certifies that:

has satisfactorily completed 1.25 hours of training in:

Environmental Justice

conducted by:

Gene Cleckly

August 31, 1998
Date

Lexington, Kentucky
Location

James P. Codell III
President, SASHTO '98

David E. Smith
Chairman, SASHTO '98

U.S. Department of Transportation
Federal Highway Administration

Certificate of Completion

This Certifies that

John L. Mettille, Jr.

has earned 18 Professional Development Hours
by attending the
Fundamentals of the National Environmental Policy Act of 1969
and
Environmental Documentation
Training Course
September 9 -11, 1998

September 11, 1998
Date

Jesse A. Story
Division Administrator

BCC10-GO

U.S. Department
of Transportation

Federal Highway Administration

National Highway Institute

Certificate of Training

John Mettille

has satisfactorily completed training in

Environmental Leadership Seminar

conducted by

Federal Highway Administration

Location: *Lexington, Kentucky*

Date: *December 10-11, 1998*

Hours of instruction: *16.0*

Continuing Education Units: *1.2*

Instructor

Director
National Highway Institute

Coordinator

Federal Highway Administrator

Certificate of Completion

John Mettille

Has Successfully Completed

Review of NEPA Documents

Presented to
The Kentucky Transportation Cabinet
Frankfort, Kentucky
May 25-27, 2004

L. Canter, Instructor

D. Turner, Instructor

This Certificate is Awarded to

John Mettille

For participating in the FHWA Facilitated Workshop
"Improving Transportation Project Development and
Environmental Reviews Through Collaborative Problem Solving"
March 2—4, 2004

U.S. Department
of Transportation
Federal Highway Administration

Fred Skaer, Director
FHWA Office of Project Development & Environmental Review

3/4/04
Date

U.S. Institute for **Environmental Conflict Resolution**
Morris K. Udall Foundation

Dale Keyes, Senior Program Manager
U.S. Institute for Environmental Conflict Resolution

3/4/04
Date

Certificate of Training

John L. Metille

has successfully completed
National Environmental Policy Act:
Conducting Quality Cumulative Impact Analyses
FHWA Kentucky, KY Transportation Cabinet

Frankfort, KY February 26-28, 2002

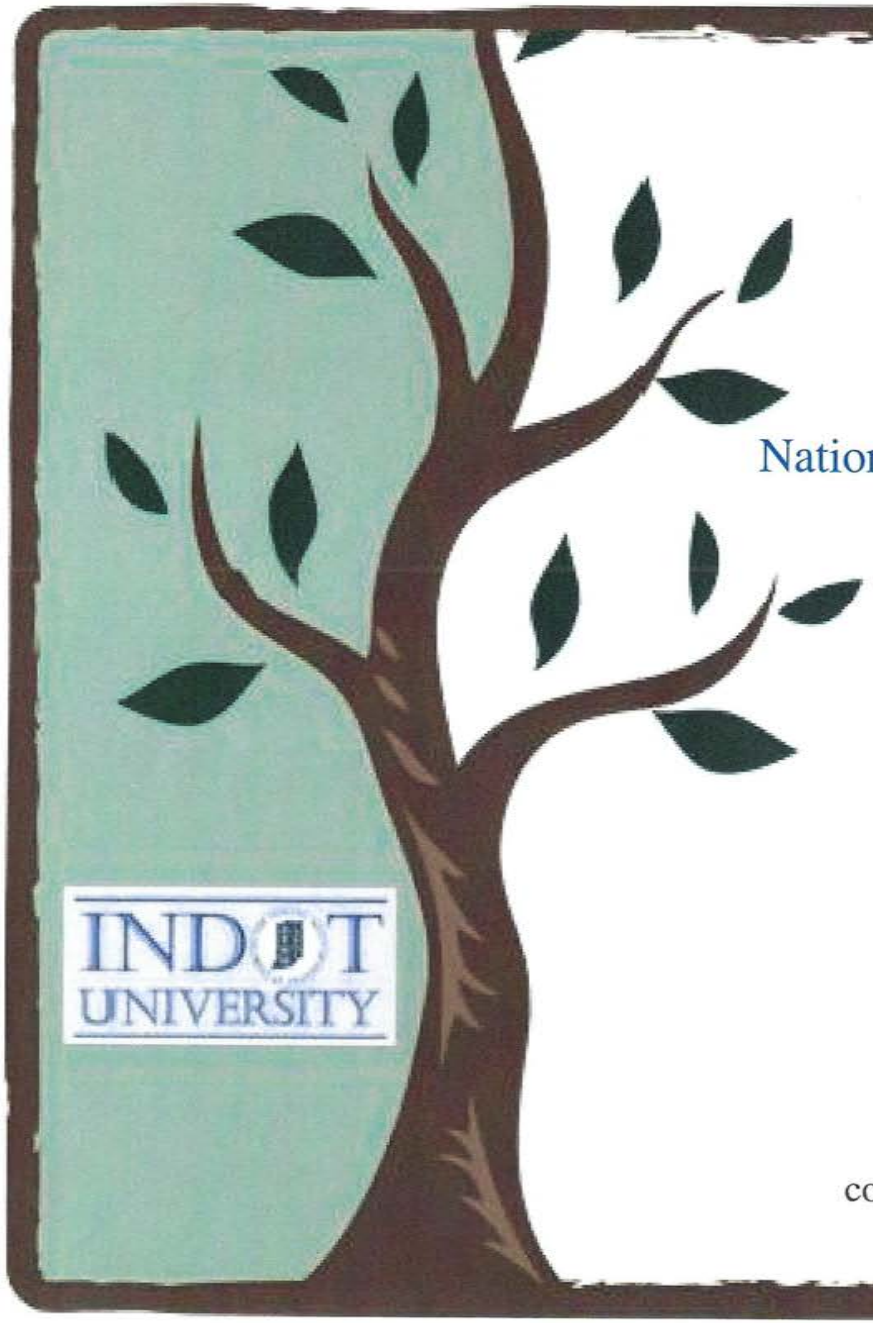
Judith Lee

Judith Lee, President

2/28/02

Date

ENVIRONMENTAL
PLANNING STRATEGIES, INC.



INDOT UNIVERSITY

John Mettille

completed

National Environmental Policy Act (Online Training)

on October 12, 2016 and is eligible to attend

the in-person training session to complete the

National Environmental Policy Act program.

If you have questions,

contact Ron Bales at rbales@indot.in.gov or (317) 234-4916.

INDOT UNIVERSITY

Certificate of Completion

This certificate is awarded to

John Mettille

Course Title:	National Environmental Policy Act (Initial Training)
Date:	November 1, 2016
Location:	eLearning
Instructor:	INDOT University
Continuing Education Value:	26.5 PDH
Provider:	INDOT

(This certificate expires two year from the date issued)

Brandye Hendrickson, Commissioner

Britni Saunders, Director of Talent Management

U.S Department
of Transportation
Federal Highway Administration

Certificate of Training

NATIONAL HIGHWAY INSTITUTE

Certifies that **John L. Mettille, Jr.**

has satisfactorily completed 120 hours of training in

The Environmental Training Center

conducted by

The Office of Environmental Policy

April 24 - May 12, 1989
Date

Annapolis, Maryland
Location

Robert E. Farris
Federal Highway Administrator

Office of Environmental Policy
Instructor

George M. Shrimes
Director
National Highway Institute

John England / Fred Brok
Coordinator

U.S. Department of Transportation
Federal Highway Administration

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

National Highway Institute
Certificate of Training

Dan Magri

has satisfactorily completed training in

AASHTO Roadside Design Guide

conducted by

National Highway Institute

Location: Baton Rouge, LA

Date: April 29-30, 2003

Hours of instruction: 12

Continuing Education Units: 1.2

Frank Julian
Instructor

Moges Ayele
Director, National Highway Institute
Federal Highway Administration

Coordinator

Director, Office of Professional Development
Federal Highway Administration

NORTHWESTERN UNIVERSITY

CENTER FOR PUBLIC SAFETY

This is to certify that

Daniel J. Magri

has attended the

ACCIDENT RECONSTRUCTION FOR TRAFFIC ENGINEERS WORKSHOP

3.4 C.E.U.'s Awarded

New Orleans, Louisiana

January 22-26, 2001

COURSE SUPERVISOR

DIRECTOR CENTER FOR PUBLIC SAFETY

Certificate of Completion

Association of Pedestrian and Bicycle Professionals

Designing Pedestrian Facilities for Accessibility
October 8-9, 2008

An educational program developed by the Association of Pedestrian and Bicycle Professionals in conjunction with the Federal Highway Administration and the United States Access Board to provide an overview of the Americans with Disabilities Act guidelines and policies for the public rights-of-way.

Dan Magri

has completed the course
hosted by Louisiana Transportation Research Center

Michael Moule, PE, PTOE

Sandra Romero

Sandra Romero, LTRC
Hours of Instruction: 9

U.S. Department
Of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Dan Magri

has participated in

FHWA - NHI Course No. 380071 - Interactive Highway Safety Design Model (IHSDM)

hosted by

Louisiana Department of Transportation and Development

Date: **May 9-10, 2012**

Hours of Instruction: **12**

Location: **Baton Rouge, LA**

Michael Dimaiuta
Instructor

Instructor

Local Coordinator

Richard Barnaby, Director
National Highway Institute

Certificate of Training

PRESENTED BY

The National Cooperative Research Program

TO CERTIFY THAT

Dan Magri

HAS SATISFACTORILY COMPLETED 20 HOURS OF TRAINING IN:

Highway Safety Manual Workshop
NCHRP 17-38

December 1-3, 2010
Date

Baton Rouge, Louisiana
Location

Karen K. Dixon, PhD, P.E.
Ida van Schalkwyk, PhD
Larry F. Sutherland, P. E.
Instructors

U.S. Department of Transportation
Federal Highway Administration

Federal Highway Administration
RESOURCE CENTER

This Certificate of Training is presented to

Daniel Magri

In recognition of successfully completing

Highway Safety Manual Workshop

Baton Rouge, Louisiana

16.0 PDH

Gene Amparano, PE

Fred Ranck, PE, PTOE

Instructor

October 19-21, 2010

Date

U.S. Department
Of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Dan Magri

has participated in

Improving Safety of Horizontal Curves

hosted by

LA DOTD/LTRC

Hours of Instruction: **6**

Date: **April 20, 2010**

Location: **Baton Rouge, LA**

William J Fitzgerald
Instructor

Allison Landry
Local Coordinator

Instructor

Richard Barnaby, Director
National Highway Institute

U.S. Department
of Transportation
Federal Highway Administration

Office of Professional and Corporate Development
Main Office: 4600 N. Fairfax Dr., Suite 800
Arlington, VA 22203

HQ Office: 400 Seventh St., S.W., Suite 4208
Washington, DC 20590

September 26, 2005

Mr. Dan Magri
5806 Getysburg Drive
Baton Rouge, LA 70817

Dear Mr. Magri,

We are pleased to inform you that you have successfully completed NHI Course No. 133078A: Access Management from March 29, 2005 – March 31, 2005 in Baton Rouge, LA. You have fulfilled the requirements necessary to obtain 1.8 Continuing Education Units for this course.

We thank you for selecting NHI for your training development and look forward to your participation in NHI courses in the future. Should you have any questions or concerns regarding this letter, or other NHI activities, please don't hesitate to call us at (703) 235.0500.

Sincerely,

Richard Barnaby
Chief, Training Programs Manager
National Highway Institute

U.S. Department
Of Transportation
Federal Highway Administration

National Highway Institute

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Certificate of Training

Dan Magri

has participated in

NHI Course No. 310110 – Federal-Aid Highways 101 (State Version)

hosted by

LA DOTD/LTRC

Date: **November 1-2, 2011**

Hours of Instruction: **12**

Location: **Baton Rouge, LA**

David L. Kennedy
Instructor

Allison Landry
Local Coordinator

Instructor

Richard Barnaby, Director
National Highway Institute

U.S. Department
Of Transportation
Federal Highway Administration

National Highway Institute

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Certificate of Training

Dan Magri

has participated in

NHI Course No. 151042 – Transportation Safety Planning

hosted by

LA DOTD/LTRC

Date: **August 30-31, 2011**

Location: **Baton Rouge, LA**

Hours of Instruction: **12**

Instructor

Instructor

Local Coordinator

Richard Barnaby, Director
National Highway Institute

U.S. Department of Transportation

Federal Highway Administration

National Highway Institute

Certificate of Training

Daniel J. Magri

has satisfactorily completed training in

Safety Management System

conducted by

FEDERAL HIGHWAY ADMINISTRATION

Location: **Baton Rouge, Louisiana**

Date: **December 12 and 13, 1995**

Hours of instruction: **16**

Continuing Education Units: **1.2**

Instructor

Director, Special Strategic
National Highway Institute Initiatives

Coordinator

Federal Highway Administrator

U.S. Department
of Transportation
Federal Highway Administration

Certificate of Training

NATIONAL HIGHWAY INSTITUTE

Certifies that **Dan Magri**

has satisfactorily completed 16 hours of training in

TRAFFIC CONFLICT TECHNIQUES FOR SAFETY OPERATIONS

conducted by **FEDERAL HIGHWAY ADMINISTRATION**

March 19-21, 1991
Date

Thomas D. Larson
Federal Highway Administrator

George M. Shrieves
Director
National Highway Institute

Baton Rouge, Louisiana
Location

Mark R. Bush
Instructor

Coordinator

NORTHWESTERN UNIVERSITY TRAFFIC INSTITUTE

This is to certify that

DAN MAGRI

has attended the

TRAFFIC CONTROL DEVICES WORKSHOP

1.5 C.E.U.'s Awarded

Baton Rouge, Louisiana

May 19 - 20, 1997

COURSE SUPERVISOR

DIRECTOR OF THE TRAFFIC INSTITUTE

Congratulations!

Joey Mingo

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
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Joseph Mingo

has attended

Traffic Control Supervisor-LA State Specific

Training Course

4/7/2021 to 4/8/2025
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

Louisiana Roads Scholar Program
A Key To Success

LOCAL TECHNICAL ASSISTANCE PROGRAM
LTAP
LOUISIANA TRANSPORTATION RESEARCH CENTER

Certificate of Training

PRESENTED BY

Louisiana Local Technical
Assistance Program

TO CERTIFY THAT

Joey Mingo

HAS SATISFACTORILY COMPLETED 6 PROFESSIONAL DEVELOPMENT HOURS IN:

Roads Scholar #9: The Road to Better Signing

Steven C. Strength
Director, LTAP

October 26, 2023
Date

New Orleans, LA
Location

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Attendance

Local Public Agency Qualification Program
LPA Qualification Core Training

PRESENTED BY

Louisiana Department of Transportation and Development
Louisiana Local Technical Assistance Program
&
The Federal Highway Administration

TO CERTIFY THAT

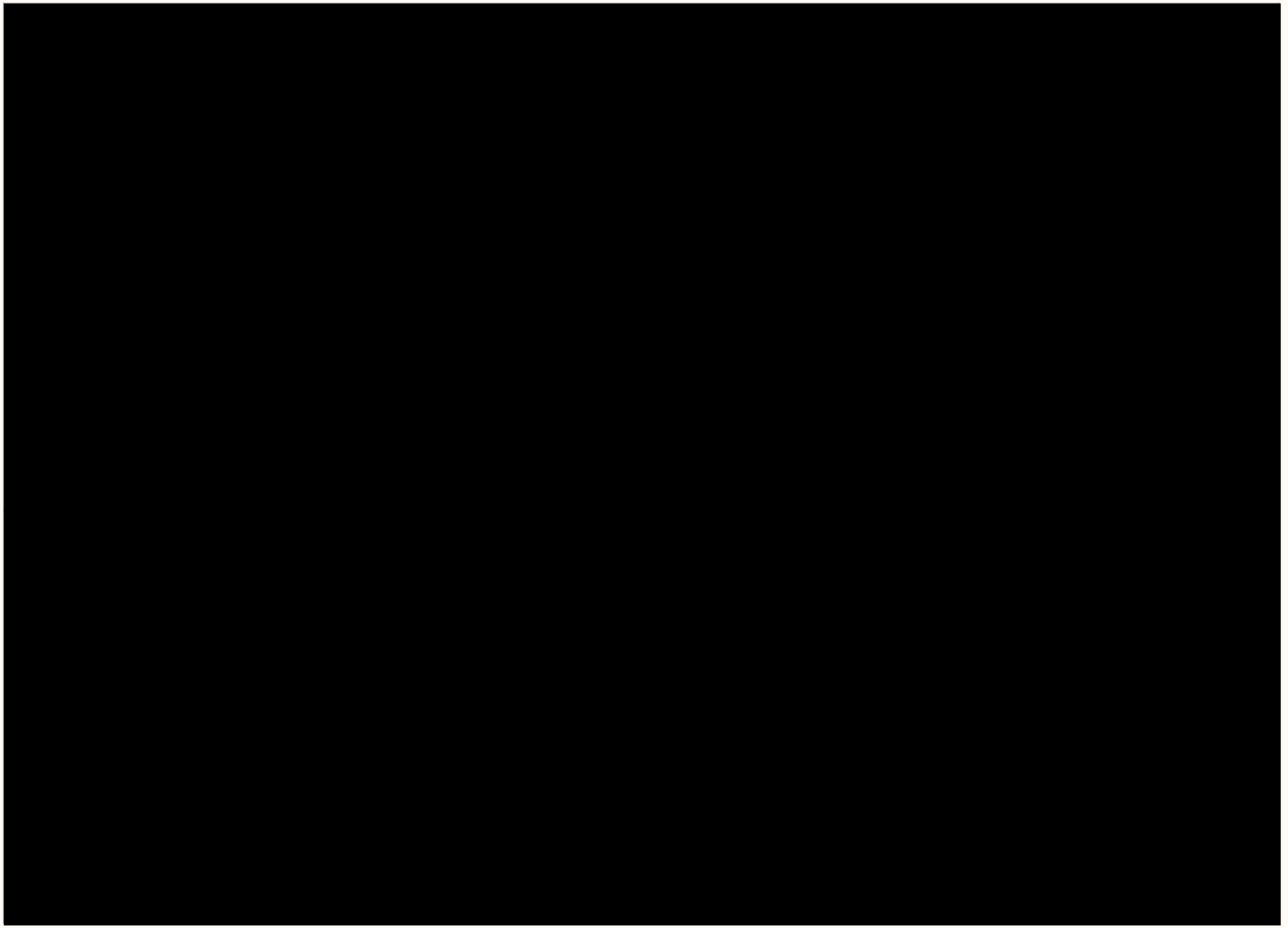
Joey Mingo

HAS SATISFACTORILY COMPLETED 6 PROFESSIONAL DEVELOPMENT HOURS

Steven C. Strength
Director, LTAP

June 14, 2022
Date

Baton Rouge, Louisiana
Location



Louisiana Roads Scholar Program
A Key To Success

LOCAL TECHNICAL ASSISTANCE PROGRAM
LTAP
Celebrating 25 Years

Certificate of Training

PRESENTED BY

Louisiana Local Technical
Assistance Program

TO CERTIFY THAT

Cal Joy

HAS SATISFACTORILY COMPLETED 6 PROFESSIONAL DEVELOPMENT HOURS IN:

RS #9 – The Road to Better Signing

Steven C. Strength

Director-LTAP

November, 7, 2023
Date

Baton Rouge, Louisiana
Location

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Cal Joy

has attended

Traffic Control Supervisor-LA State Specific

Training Course

4/7/2021 to 4/8/2025
Training Valid Through

Baton Rouge, LA
Location

Director of Training

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

Congratulations!

Cal Joy

You have completed

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

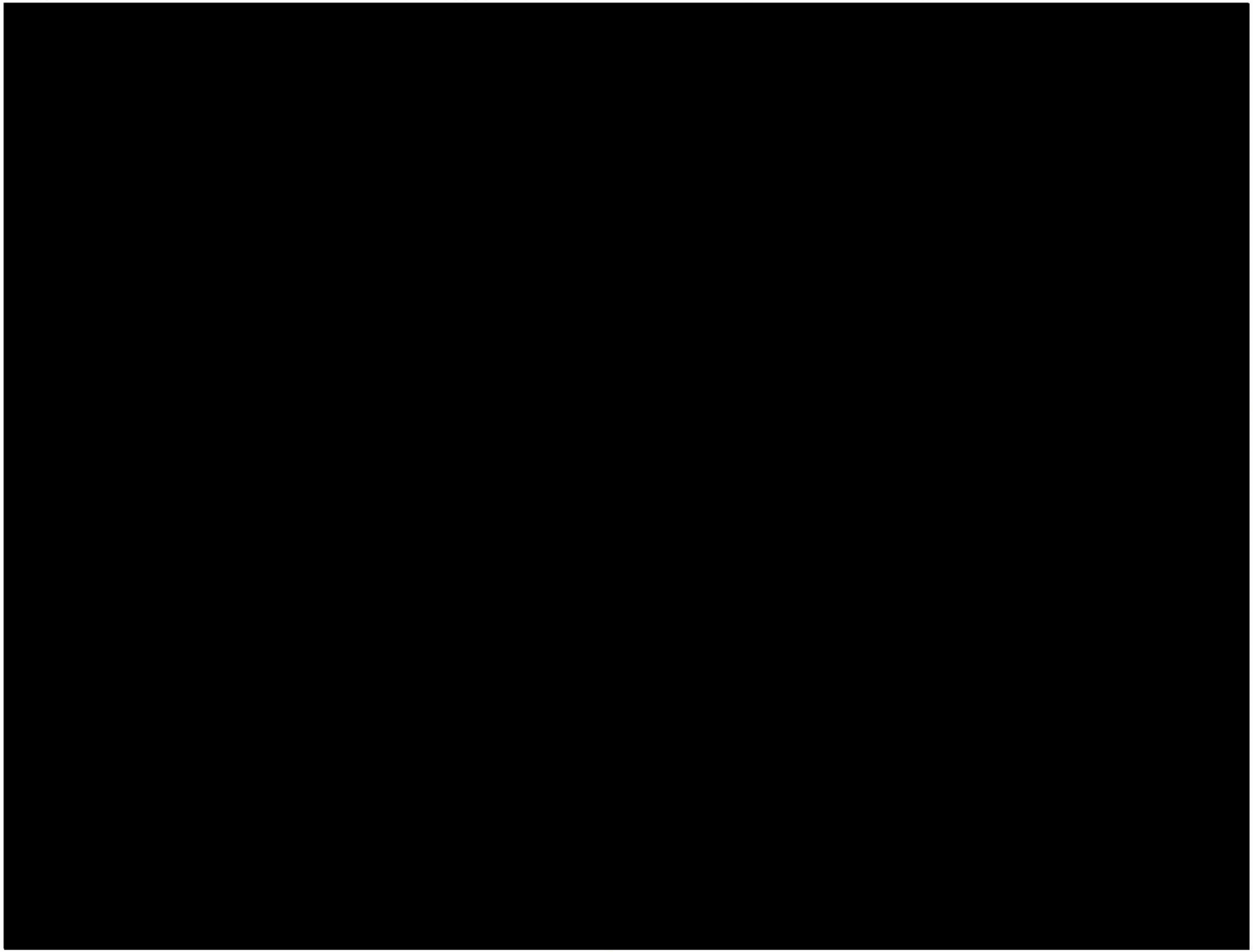
Date: August 17-18, 2022
Location: Baton Rouge, Louisiana

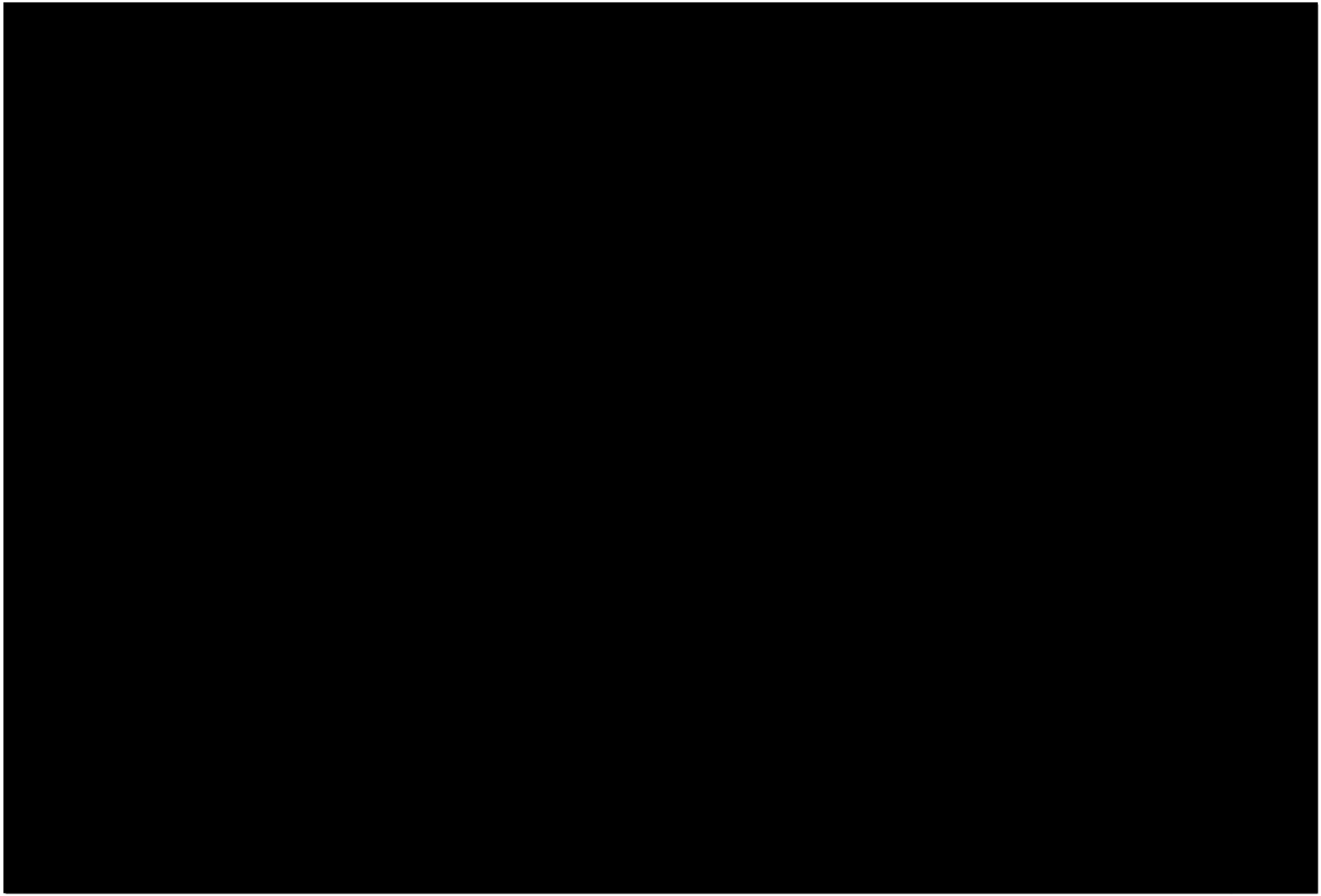
Professional Development Hours (PDHs) Awarded: 8.50

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT





Transportation Professional Certification Board Inc.

certifies that

David Gerard LeBreton, Jr.

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 3333 issued in Washington, D.C., U.S.A.
November 26, 2012

Steven D. Hofener
Chair

PTOE
PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Executive Director

Transportation Professional Certification Board, Inc.

certifies that

David Gerard LeBreton Jr.

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

Professional Transportation Planner

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 667 issued in Washington, DC, USA

03/27/2019

Diane W. Morabito
Chair

PTP
PROFESSIONAL TRANSPORTATION PLANNER

Jeffrey F. Paniati
Executive Director

Transportation Professional Certification Board, Inc.

certifies that

David Gerard LeBreton Jr.

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

Road Safety Professional

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 314 issued in Washington, DC, USA

07/17/2019

Diane W. Morabito
Chair

RSP ROAD SAFETY PROFESSIONAL

Jeffrey F. Paniati
Executive Director

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Taylor Marino

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

5/27/2022 to 5/27/2026
Training Valid Through

New Orleans, LA
Location

Director of Training

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

Certificate of Completion

presented to

Taylor Marino

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: October 7, 2020
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

Taylor Marino

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: October 7, 2020
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

Taylor Marino

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 8, 2020
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

Stephanie Turner

for completing the

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

Date: July 10 – 11, 2024
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 8.50

Authorized Instructor

Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Stephanie Bayne
has attended
Traffic Control Technician-LA State Specific
Training Course

5/24/2022 to 5/24/2026
Training Valid Through

New Orleans, LA
Location

Director of Training

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA

Safer Roads Save Lives

Michael Flynn

has attended
Louisiana Traffic Control Supervisor

Completed: 05-DEC-2024

CEU (If Applicable): 1.5

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

Certificate of Completion

presented to

Michael Flynn

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: January 29, 2020
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

Michael Flynn

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: January 29, 2020
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

Michael Flynn

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: January 30, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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
BUCHART HORN, INC.	Business Corporation (Non-Louisiana)	YORK	Active

Previous Names

BUCHART-HORN, INC. (Changed: 8/18/2023)

Business: BUCHART HORN, INC.
Charter Number: 34387362F
Registration Date: 8/27/1991

Domicile Address

445 W. PHILADELPHIA ST.
YORK, PA 17401

Mailing Address

445 W. PHILADELPHIA ST.
YORK, PA 17401

Principal Business Office

445 W. PHILADELPHIA ST.
YORK, PA 17401

Registered Office in Louisiana

4459B BLUEBONNET BLVD.
BATON ROUGE, LA 70809

Principal Business Establishment in Louisiana

4459B BLUEBONNET BLVD
BATON ROUGE, LA 70809

Status

Status: **Active**
Annual Report Status: **In Good Standing**
Qualified: 8/27/1991
Last Report Filed: 8/5/2024
Type: Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent: COGENCY GLOBAL INC.
Address 1: 4459B BLUEBONNET BLVD.
City, State, Zip: BATON ROUGE, LA 70809
Appointment Date: 5/24/2013

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
DIGITAL ENGINEERING & IMAGING, INC.	Business Corporation	KENNER	Active

Previous Names

DIGITAL IMAGING, INC. (Changed: 9/8/1993)

Business: DIGITAL ENGINEERING & IMAGING, INC.
Charter Number: 34358034D
Registration Date: 6/14/1990

Domicile Address

527 W. ESPLANADE AVENUE
SUITE 200
KENNER, LA 70065

Mailing Address

527 W. ESPLANADE AVE., STE. 200
KENNER, LA 70065

Principal Office Address

527 W. ESPLANADE AVENUE
SUITE 200
KENNER, LA 70065

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 6/14/1990
Last Report Filed: 6/11/2024
Type: Business Corporation

Registered Agent(s)

Agent: JONES WALKER LLP
Address 1: 201 ST. CHARLES AVENUE
City, State, Zip: NEW ORLEANS, LA 701705100
Appointment Date: 1/24/2025

Officer(s)

Additional Officers: No

Officer: DAVID LEBRETON JR
Title: Officer
Address 1: 527 W. ESPLANADE AVENUE, SUITE 200

21 QA/QC PLAN:

N/A

22 SUB-CONSULTANT INFORMATION:

Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	Address	Point of Contact and email address	Phone Number
BUCHART HORN, INC.	18163 East Petroleum Drive, Suite A Baton Rouge, LA 70809-6104	Jay A. Sabo, PE JSabo@bucharthorn.com	412 422 6166
DIGITAL ENGINEERING & IMAGING, INC.	527 West Esplanade Avenue Suite 200 Kenner, LA 70065	Alan Krouse, PE akrouse@deii.net	504 468 6129

23 LOCATION:

N/A

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