

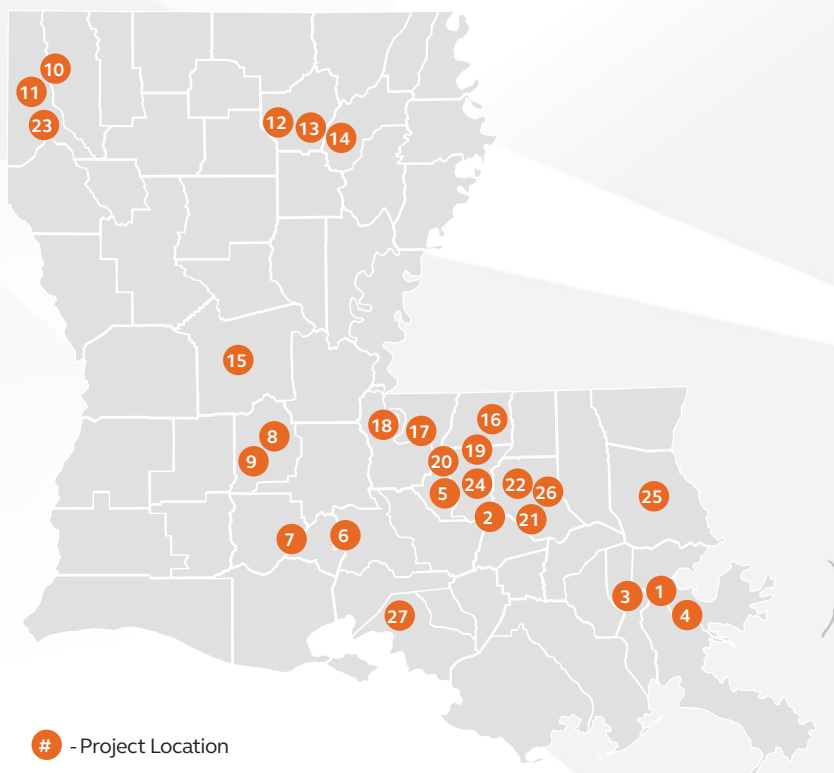
Contract Nos. 4400034605, 4400034606, and 4400034607
**IDIQ Contracts for Design of Safety Projects
Statewide with Majority of Work in Districts 02, 61, and 62**

March 19, 2026

SECTIONS

1-11

The Arcadis Team has completed over 25 safety projects throughout Louisiana.



1. New Orleans Pedestrian Safety Improvements
2. Baton Rouge Ped / Bike Road Safety Assessments
3. LA 3235 Corridor Stage 0 Safety Improvements
4. I-10 Hard Shoulder Running (HSR) Feasibility Study
5. US 61 Safety Improvements
6. Evangeline Thwy / Johnston St Intersection Improvements
7. Johnston St / Ambassador Caffery Intersection Improvements
8. I-49 Interchange Safety Improvements
9. US 167 Feasibility Study, Elsie Street to Gilbert Dr
10. LA 3105 Corridor Safety Improvements
11. LA157 Corridor Safety Improvements
12. LA 594 Millhaven Stage 0 Safety Feasibility Study
13. US 165 Corridor Safety Improvements
14. I-20 Frontage Development Study
15. US 71 Corridor Safety Improvements (Phases 1-3)
16. I-12 Hard Shoulder Running (HSR) Feasibility Study
17. Burbank Access Management Improvements
18. Highland-Burbank Connector Traffic Study
19. US 61 Access Management & Safety Improvements
20. I-10 Ascension Parish Interchange Improvements
21. Joe Sevario / Roddy Rd Roundabouts Safety Improvements
22. LA 44 Roundabouts Stage 0 Safety Feasibility Study
23. District 04 Pedestrian Safety Improvements
24. Lee Drive Traffic & Safety Improvements
25. US 190B at Jefferson Avenue Roundabout
26. LA 1024 Rumble Strips Safety Improvements
27. US 90 Ramps at LA 88 Roundabouts

Arcadis Past Performance Review:
Safety Studies IDIQ - New Orleans Pedestrian Safety Feasibility Study

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

- Adrienne McRae, LADOTD Highway Safety Section

DOTD FORM: 24-102

(Revised August 11, 2025)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract Name as shown in the advertisement	IDIQ CONTRACTS FOR DESIGN OF SAFETY PROJECTS STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 02, 61, AND 62
2. Contract Number(s) as shown in the advertisement	CONTRACT NO. 4400034605, 4400034606, AND 4400034607
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	Jose L. Rodriguez, PE <i>Project Manager</i> 504 648 3600 jose.l.rodriguez@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 <i>Senior Vice President</i> 225 368 6563 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.

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



Signature above shall be the same person listed in Section 9:

Date: March 19, 2026

Firm(s):

N/A

SECTIONS
12-14

Bicycle improvements in New Orleans implemented through Arcadis' safety project.



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	CD&C	Each Discipline must total to 100%
Road	60%	100%	0	100%
Traffic	10%	100%	0	100%
Planning	5%	100%	0	100%
Environmental	5%	100%	0	100%
Survey	10%	0	100%	100%
Right-of-Way	5%	0	100%	100%
CE&I/OV	5%	100%	0	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	100%	85%	15%	100%

13 TEAM SIZE:

Firm Name	DOTD Job Classification	Number of personnel <u>committed to this</u> contract*	Total number of personnel available in this DOTD Job Classification (if needed)
	Principal	4	4
	Supervisor - Eng	8	8
	Engineer	3	5
	Engineer Intern	1	3
	Planner	1	1
	Environmental Manager	1	1
	Environmental Pro	3	3
	Professional	1	1
	Surveyor	1	2
	Party Chief	3	5
	Instrument Man	2	3
	Rodman	2	2
	CADD Operator	1	1
	Senior Technician	3	6
	Supervisor – Other	1	1



Akhil Chauhan PE, PTOE, PTP, PMP¹
Principal-in-Charge



Jose L. Rodriguez, PE¹
Project Manager

Legend:

1. Arcadis
2. CD&C

- MPR
● TEPR
● Workzone

QA/QC & Technical Advisor


Eric Kalivoda, PE¹



Buddy Porta, PE¹


**Stage 0
Feasibility Studies**
Feasibility Reports

Jason Morrell, PWS¹
Catherine Bruns¹
Julie Price, AICP¹
Jan Hughes¹

Traffic Studies

Ari Deitch, PE, PTOE, PTP, RSP¹ ● ● ●
Kester Hollier, PE, PTOE¹ ● ● ●
Max Aguirre, PhD, PE, PTOE, RSP¹ ● ● ●
Clara Foshee, PE, PTOE¹ ●

Complete Streets

Julie Price, AICP¹
Lacey Fish, EI¹


**Stage 1
Planning / Environmental**
Permit Plans / Permit Applications

Jason Morrell, PWS¹
Catherine Bruns¹
Hunter Guidry¹
Jan Hughes¹


**Stage 3
Design**
Survey & R/W Maps

Karla Weston, PE²
Chris Ballard, PLS² ● ● ●
Madison Mills, PLS² ● ● ●
Chancey Cothren, LSI² ●
Bryan Bergeron²

Preliminary and Final Plans
Roadway Design

Jose L. Rodriguez, PE¹ ● ● ●
David Fulks, PE¹ ● ● ●
Gabriel Arias, PE¹ ● ● ●
Romana Sarker Lopa¹

Bridge Design

Victor Sanchez, PE¹
Osama Shahawy, PE¹

Traffic Design

Kester Hollier, PE, PTOE¹
Ari Deitch, PE, PTOE, PTP, RSP¹ ● ● ●
Max Aguirre, PhD, PE, PTOE, RSP¹ ● ● ●
Sridhar Basetty PE, PTOE¹ ●

**Value Added Services / Additional
As-Needed**
Geotechnical

Kirk Lowery, PE, BC.GE¹


**Stage 5
Construction**
Construction Support

Jose L. Rodriguez, PE¹ ● ● ●
Victor Sanchez, PE¹
Kester Hollier, PE, PTOE¹ ● ● ●

**Constructibility / Maintainability
Review**

Tom Landry, PE¹

SECTIONS
15-16

Arcadis has provided context sensitive solutions to many local agencies throughout the US and enabled safe, connected, and vibrant communities.



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 (<i>>23 years' experience</i>)	 ARCADIS	PE. 33703 – Civil	LA	09/2026
2	Eric Kalivoda, PE (<i>>40 years' experience</i>)	 ARCADIS	PE. 24603 – Civil & Environmental	LA	09/2026
3	Jose L. Rodriguez, PE (<i>>26 years' experience</i>)	 ARCADIS	PE. 30492 – Civil	LA	03/2027
	David Fulks, PE (<i>>30 years' experience</i>)	 ARCADIS	PE. 30151 – Civil	LA	09/2026
	Gabriel Arias, PE (<i>>8 years' experience</i>)	 ARCADIS	PE. 42599 – Civil	LA	09/2027
4	Chris Ballard, PLS (<i>>29 years' experience</i>)	 C&C INCORPORATED	PLS.5033	LA	09/2026
	Madison Mills, PLS (<i>>8 years' experience</i>)	 C&C INCORPORATED	PLS.5293	LA	03/2027
5	Ari Deitch, PE, PTOE, PTP, RSP (<i>>12 years' experience</i>)	 ARCADIS	PE. 41842 – Civil PTOE: 4346	LA US	03/2028 11/2027
	Kester Hollier, PE, PTOE (<i>>20 years' experience</i>)	 ARCADIS	PE. 34304 – Civil PTOE: 3928	LA US	03/2027 11/2027
	Sridhar Basetty, PE, PTOE (<i>>20 years' experience</i>)	 ARCADIS	PE. 38950 – Civil PTOE: 3682	LA US	09/2026 08/2026
	Max Aguirre, PhD, PE, PTOE, RSP21 (<i>>7 years' experience</i>)	 ARCADIS	PE. 47579 – Civil PTOE: 5291	LA US	09/2027

Contract Leadership

16 STAFF EXPERIENCE.

Firm employed by.  ARCADIS			Meets MPR No. 1
Name	Akhil Chauhan, PE, PTOE, PTP, PMP	Years of relevant experience with this employer	18
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	
		Mr. Chauhan is a principal traffic engineer with 23 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.	
Experience dates		Experience and qualifications relevant to the proposed contract	
12/13 – 06/15		Safety Studies IDIQ - LA 3235 Corridor Study, 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.	
02/23 – 05/24		Safety Studies IDIQ - 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 District, and District 04. Stakeholders also participated in virtual and on-site field reviews. Study data, methods, and results were documented 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.	
04/16 – 09/18		Safety Studies IDIQ - New Orleans Pedestrian Improvements, LADOTD, Orleans Parish, LA. Principal Engineer. Preparation of Stage 0 pedestrian safety feasibility study (in accordance with LADOTD Stage 0: Manual of Standard Practice) of 20 intersections with high occurrence of pedestrian safety issues - especially between motorized and non-motorized travel	

	modes. Scope of services include data collection analysis of existing traffic conditions, historic crash data evaluation, investigation of safety deficiencies at each intersection, recommendation of safety improvements such as traffic signal improvements, intersection striping improvements, signing improvements, lighting improvements, sidewalk/crosswalk improvements, curb extensions, traffic calming, ADA compliance including curb ramps, and parking modifications, analysis of alternatives and conceptual layout development, cost estimates, and Stage 0 checklists.
12/13 – 05/15	Safety Studies IDIQ - Joe Sevario / Roddy Road Feasibility Study, LADOTD, Ascension Parish, LA. 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.
02/18 – 06/21	Safety Studies IDIQ - Baton Rouge Pedestrian and Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA. Principal Engineer. Responsible for contract management and technical advisory for the project, which involved the development of a Pedestrian and Bicycle Safety Action Plan (PBSAP). Arcadis developed screening criteria based on crash data and socioeconomic data to identify high priority locations with a history of pedestrian and/or bicycle crashes, and performed Road Safety Assessments (RSAs) at 10 priority locations to identify safety deficiencies and develop safety countermeasures to improve safety for pedestrians and bicyclists.
04/16 – 10/19	Safety Studies IDIQ - I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, 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.
02/17 – 02/18	Safety Studies IDIQ - I-49 Interchange Safety Feasibility Study, 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.
02/15 – 08/17	US 71 Corridor Phase II Traffic and Safety Feasibility Study, 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.

Firm employed by. 				Meets MPR No. 3
Name	Jose L. Rodriguez, PE		Years of relevant experience with this employer	4
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			Project Manager, Roadway Design, Construction Support	
		Mr. Rodriguez has more than 28 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.		
Experience dates		Experience and qualifications relevant to the proposed contract		
04/21 – Ongoing		Lee Drive (Highland Road to Perkins) Final Design Study Report, MOVEBR Baton Rouge, LA. Project Manager. Responsible for coordinating and developing concept drawings to evaluate the geometric feasibility of different roadway alternatives, proposed improvements, and anticipated right-of-way needs . Provided technical guidance to identify green infrastructure solutions and enhance roadway safety throughout the project. Also assisted in the implementation of Complete Street regulations for the corridor. During the alternative’s selection process, conducts cost estimates to evaluate and select the preferred alternative.		
12/24 – Ongoing		LA 1024 Safety Improvements (Rumble Strips & Overlay), LADOTD, Livingston Parish, LA. Project Manager. Responsible for the development of preliminary and final roadway plans for the installation of sinusoidal inlay rumble strips and milling and asphalt overlay along a 4.16-mile corridor of LA 1024. Plans included annotated survey data, repair zones, and rumble strip layout. Work also included transition details at major commercial driveways and intersecting streets, including saw-cut pavement edges, tapered overlay thickness, and adjusted milling depths to maintain proper drainage flow lines. The project was selected as a pilot initiative to implement sinusoidal inlay grooves aimed at reducing roadway departure crashes.		
01/23 – 04/24		District 04 Pedestrian Safety Improvements, LADOTD, LA. Project Manager for the Stage 0 feasibility study for pedestrian safety improvements along seven corridors on US 71 in LADOTD District 04, supporting the evaluation of existing traffic facilities and development of schematic roadway designs . Assisted with corridor assessments, ADA-compliant curb ramp layouts, sidewalk, right-of-way evaluations, and preparation of quantity and cost estimates to support project planning and implementation.		
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.
10/17 – 03/18	Traffic Turn Lanes on Highway LA 3127, Yuhuang Chemical Inc., St. James, LA. <i>Quality Control (QC).</i> Responsible for the design of two turn lanes into the Yuhuang Chemical Methanol plant in St. James, Louisiana. The project involved the addition of a dedicated left turn lane along LA 3127 to provide safe and efficient access to the facility . The left turn lane was designed to mitigate conflict points between traffic and vehicles decelerating to enter the plant, reducing the risk of rear-end and angle collisions at the access point. The design incorporated appropriate taper lengths, deceleration lanes, and storage capacity based on projected vehicle queuing demands, in accordance with AASHTO and LADOTD design standards.
02/07 – 10/09	John James Audubon Bridge Approach (Design-Build [DB]), LADOTD, New Roads, LA. <i>Roadway Designer.</i> 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. Also in charge of the quality control for all bridge approaches and the design of all precast concrete girders for the project.
02/22 – 03/26	I-10 Calcasieu River Bridge P3 (Calcasieu Parish, LA). <i>Senior Roadway Engineer</i> for the I-10 Calcasieu Bridge Replacement P3 project to replace the existing I-10 bridge over the Calcasie River with a new bridge north of I-10. The project also includes the construction of several new bridge structures within the project limits, both inside and outside widening of I-10, improvements and modifications to existing interchanges, and improvements to other associated roadways .
04/23 – 01/25	LA 22 Tchefuncte River Bridge, LADOTD, St. Tammany Parish, LA. <i>Lead Roadway Engineer.</i> 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 with Preliminary Scope and Budget Checklist and Environmental Checklist.
01/08 – 05/08	I-12 to Bush Corridor Study Phase III, LADOTD, St. Tammany Parish (STP), LA. <i>Roadway Designer.</i> 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. <i>Roadway Designer.</i> Responsible for the geometric design and roadway plan preparation for the Earhart Boulevard-Causeway Interchange. 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.
02/10 – 06/11	I-10 from Veterans to Clearview, LADOTD, Metairie, LA. <i>Roadway Designer.</i> 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.

QA/QC and Technical Advisory Team

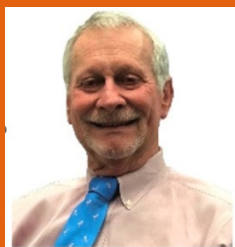
Firm employed by. 			Meets MPR No. 2	
Name	Eric Kalivoda, PhD, PE		Years of relevant experience with this employer	2
Title	Principal Transportation Engineer		Years of relevant experience with other employer(s)	38
Degree(s) / Years / Specialization		PhD / 1995 / Doctor of Philosophy, North Carolina State University MS / 1983 / Civil Engineering, University of Arizona BS / 1980 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date		PE.024603 / LA / Exp. 09/30/2026; Also a licensed Civil Engineer in AZ and NC		
Year registered	1992	Discipline	Civil Engineer, Environmental Engineer	
Contract role(s) / brief description of responsibilities		QA/QC and Technical Advisor		
		As a Technical Advisor, Dr. Kalivoda brings 40 years of experience in the transportation industry through his work in state transportation departments including detailed technical work, policy setting, program development, guidance and oversight, and administration . He has worked with a numerous stakeholders including citizens, community groups, business owners, associations, realtors and real estate developers, regulatory agencies, and local, state, and federal elected officials. His technical work was focused on traffic engineering, highway safety , highway geometric design, and metropolitan and statewide transportation planning . He has been instrumental in providing guidance and direction necessary to advance numerous major projects through the project development process including, more recently, the I-10 reconstruction and expansion in Baton Rouge, the I-10 Calcasieu River Bridge, the I-10 at Loyola Avenue Interchange in Kenner, the I-49 North Inner City Connector in Shreveport, and a new Mississippi River Bridge south of the Baton Rouge Metropolitan Area. Dr. Kalivoda meets Minimum Personnel Requirement Number 2.		
Experience dates		Experience and qualifications relevant to the proposed contract		
03/23 – 01/24		Louisiana Department of Transportation and Development (LADOTD), LA. Secretary. Served on the Governor's cabinet, advising on public policy and collaborating with federal, state, and local officials to resolve issues and pursue opportunities. Worked with the legislature and industry partners to enact transportation and infrastructure legislation. Provided executive leadership for over 4,200 employees across six offices and 58 sections, overseeing areas such as Management and Finance, Engineering, Operations, Planning, Multimodal Commerce , Legal, and Innovative Procurement. Direct reports included senior leaders such as the Deputy Secretary, Chief Engineer, and others. Assessment Managed operating and capital budgets and led during emergencies as a member of the Unified Command Group. Focused on key challenges: (1) implementing the Infrastructure Investment and Jobs Act; (2) administering one-time funding for large-scale projects; (3) addressing construction inflation impacts; (4) navigating generational leadership transitions; and (5) preparing for a smooth administrative transition.		
02/10 – 03/23		Office of the Secretary, LADOTD, LA. Deputy Secretary. As the second highest official of the Department, provided strategic leadership for over 4,200 employees across six offices and 58 sections, covering areas like Management and Finance, Planning, Engineering, Operations, and Multimodal Commerce . Directly oversaw Compliance Programs (DBE, SBE, Title IV and VII, etc.), Local Public Agency Programs, the internal investigator, and a process re-engineering section for six years. Managed operating and capital budgets and represented the Department on state and national committees. Chaired the Appeals Board to address customer disputes and the Curriculum Council to develop training programs. Key accomplishments include: (1) leading "Operation 57," a comprehensive organizational review; (2) guiding the establishment of the Diversity and		

	Inclusion Initiative; (3) revamping training programs by eliminating outdated courses and addressing internal and external issues; (4) creating the Road Transfer Program to shift non-essential highways to local governments; (5) overseeing the 2015 update of the Louisiana Statewide Transportation Plan; (6) forming an Autonomous and Connected Vehicle Technology Team to shape policy and application; (7) advancing major projects through development processes; and (8) designing a new state-funded program for rehabilitating locally-owned roads, pending legislative approval.
02/05 – 02/10	Office of Planning and Programming, LADOTD, LA. Assistant Secretary. Oversaw three sections responsible for statewide and metropolitan transportation planning, highway project programming, mapping, safety policy and program development, bridge and pavement management, traffic monitoring, corridor studies, and project conceptualization. Represented the Department on the Louisiana Economic Development Council, AASHTO's Standing Committee on Planning, and the National I-10 Freight Corridor Coalition. Key accomplishments include: (1) leading post-Hurricane Katrina and Rita recovery efforts through funding requests and education on transportation needs; (2) chairing the Transportation Task Force for Louisiana's Recovery Authority; (3) updating the Louisiana Statewide Transportation Plan; (4) establishing the multi-state-funded Institute for Trade and Transportation Studies (ITTS); (5) directing the Freight Transportation Strategic Plan; and (6) advancing efficiency improvements within DOTD.
07/99 – 08/05	Office of Planning and Programming, LADOTD, LA. Deputy Assistant Secretary. Under the direction of the Assistant Secretary, oversaw the work of four sections engaged in statewide and metropolitan transportation planning, highway project programming, mapping, environmental impact evaluation, highway safety policy and program development, bridge and pavement management system development, highway inventory and traffic monitoring programs, corridor studies, and development of conceptual designs, scopes, and budgets for selected projects. Served as the Department's representative on the Louisiana Economic Development Council and as Vice Chair of the Infrastructure and Transportation Industries Task Force. Also served as Louisiana's technical representative in the precedent-setting National I-10 Freight Corridor Study. Significant accomplishments include: (1) directing the update of the Louisiana Statewide Transportation Plan – completed in 2003; (2) active participation in updating Louisiana: Vision 2020, the State's economic development master plan; (3) elevating the status, funding, staffing, and visibility of the Highway Safety Program; and (4) serving in a major role in formalizing and improving the efficiency and effectiveness of the highway project delivery process.
05/94 – 07/99	Louisiana Department of Transportation and Development, LA. Engineer Manager. Directed staff engaged in statewide transportation planning, multistate planning efforts, and the development of bridge and pavement management systems. Served in a leadership role on the Infrastructure [and Transportation Industries] Task Force of the Louisiana Economic Development Council. Also served as Louisiana's technical representative in the precedent-setting Latin American Trade and Transportation Study. Significant accomplishments include: (1) organizing and leading a 60-member task force to formalize and improve the DOTD Highway Project Selection Process including the capital budget allocation process (referred to as the "Budget Partition"); (2) extensive participation in developing the Louisiana Statewide Intermodal Transportation Plan, Louisiana's first multimodal statewide transportation plan; (3) active participation in developing Louisiana: Vision 2020, particularly in the development of infrastructure benchmarks; and (4) serving as Louisiana's representative on a special transportation task force of the Southern Governors' Association.

Firm employed by.



Name	Lloyd "Buddy" Porta, Jr., PE	Years of relevant experience with this employer	15
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. 09/2027		
Year registered	1977	Discipline	Civil Engineering, Environmental Engineering
Contract role(s) / brief description of responsibilities	QAQC and Technical Advisor		



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**.

Experience dates	Experience and qualifications relevant to the proposed contract
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.
12/13 – 06/15	Safety Studies IDIQ - LA 3235 Corridor Safety Improvements, 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.
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 <i>QAQC of roadway plans, line and grade, and LADOTD design guideline compliance</i> . 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 leaves, 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, <i>preliminary and final plan preparation</i> 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 <i>QAQC of roadway plans, line and grade, and LADOTD design guideline compliance</i> . 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 <i>LADOTD design guideline compliance</i> . 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, <i>coordinating with the LADOTD Planning Section, developing the scope of services and fee</i> for the projects, <i>reviewing the construction plans</i> 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 <i>multilane over 500 miles of state highways as well as construct three new bridges</i> ; 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 <i>roadway design</i> 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 <i>development of design criteria for Offset Left Turn Lanes and design guidelines for the replacement of bridges on state routes</i> .

Roadway Engineers

Firm employed by. 			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	
	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.		
Experience dates	Experience and qualifications relevant to the proposed contract		
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. <i>Lead Roadway / Bridge Geometrics and Cost Engineer.</i> 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. <i>Lead Roadway Engineer.</i> 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. <i>Lead Roadway/Bridge Geometrics and Cost Engineer.</i> 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. <i>Roadway Design Engineer.</i> 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. <i>Roadway Engineer.</i> 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. <i>Deputy Project Manager and Lead Roadway / Drainage Engineer.</i> 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: 			Meets MPR No. 3
Name	Gabriel Arias, PE	Years of relevant experience with this employer	4
Title	Transportation Engineer	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		BS / 2013 / Civil Engineering, Auburn University	
Active registration number / state / expiration date		PE. 0042599 / LA / Exp. 09/30/2027	
Year registered	2018	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Roadway Design	
		Mr. Arias has more than 10 years' experience performing complex geometric design on roadway including horizontal and vertical (H&V) alignment, hydraulic design cross drain pipes (CDP's) and open ditches, turn lane design, striping/signage, structural design analysis and QC, traffic management plans, and roadway plan production. As a roadway design engineer, Gabriel has direct experience utilizing DOTD's Roadway Design Procedures and Details Manual. <u>Mr. Arias meets Minimum Personnel Requirement Number 3.</u>	
Experience dates		Experience and qualifications relevant to the proposed contract	
01/21 – Ongoing		MoveBR Lee Drive (Highland Road to Perkins Road), City of Baton Rouge, East Baton Rouge Parish, LA. Project Engineer. The purpose of the project is to provide capacity improvements and ped/bike accommodations along Lee Drive. Responsible for assisting with developing a traffic design study to evaluate and identify the preferred alternative, and developing signal design at the intersections of Highland Road, Boone Drive, and Hyacinth Avenue. The study assessed crash patterns, traffic volumes, and intersection deficiencies to identify safety improvements for pedestrians, cyclists, and motorists.	
06/16 – 02/17		LA 435 to LA 40/LA 41, LADOTD, St. Tammany Parish, LA. Project Engineer. The project calls for the construction of a new four-lane highway connecting I-12 to Bush, Louisiana, in St. Tammany Parish. The new roadway is approximately 19.8 miles in length and begins at LA 434, north of the existing LA 434 interchange with I-12, and traverses in a northeasterly direction until encountering an abandoned rail corridor. It then follows the rail corridor terminating at the LA 21/LA 41 intersections near Bush, Louisiana. Assisted with roadway geometric design including H&V alignment, hydraulic design for storm drains, CDP's and open ditches, structural design analysis and QC, Traffic management plans and roadway plan production for the new 5.5 mile 4-lane RA-3 roadway from LA 435 to Bush, LA.	
07/13 – 06/16		Bayou Mercier Road/Berard Canal Bayou, LADOTD, St. Martin Parish, LA. Project Engineer. Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridge timber structure with a quad-beam concrete structure.	
07/13 – 02/17		Derrick Road Bridge, LADOTD, Iberville Parish, LA. Project Engineer. Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridge timber structure with a slab span, concrete structure.	

07/13 – 02/17	Jude & Placide Road Bridges, LADOTD, Vermilion Parish, LA. <i>Project Engineer.</i> Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridges timber structures with slab span, concrete structures.
07/13 – 10/16	City of Thibodaux Overlay Projects, LADOTD, Lafourche Parish, LA. <i>Project Engineer.</i> Project required chip sealing, joint & crack sealing, resurfacing and complete pavement replacement for four separate locations in the city of Thibodaux, LA. The goal was to prolong the life of the existing pavements by preventing future deterioration and/or rehabilitating the existing pavements. Assisted with roadway geometric design including horizontal alignments , selection of treatment type for pavements, hydraulic design for storm drains, CDP's and open ditches and roadway plan production.
09/13 – 02/17	Pecan Island Road Bridge Over The Chenal, LADOTD, Pointe Coupee Parish, LA. <i>Project Engineer.</i> Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridge timber structure with a customized slab span, concrete structure.
07/13 – 02/17	Gracie Lane Bridge, LADOTD, Iberville Parish, LA. <i>Project Engineer.</i> Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridge timber structure with a slab span, concrete structure.
04/14 – 02/17	Lajaunie Rd/Lateral 1 Bayou St. LADOTD, Clair, Lafayette Parish, LA. <i>Project Engineer.</i> Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridge timber structure with a slab span, concrete structure.
11/15 – 02/17	Babin Rd./Bayou Narcisse, LADOTD, Ascension Parish, LA. <i>Project Engineer.</i> Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridge timber structure with a slab span, concrete structure.
09/13 – 02/17	West 15th Avenue/Mile Branch, City of Covington, St. Tammany Parish, LA. <i>Project Engineer.</i> Performed topographic field surveying and assisted with bridge design, hydraulic analysis, and roadway design for the replacement of the existing bridge timber structure with a customized slab span, concrete structure. Included an integral pedestrian/bicycle path and custom barrier to separate pedestrians and vehicles.
02/18 – 04/18	US 377 Cresson Relief Route, TXDOT, TX. <i>Project Engineer.</i> TXDOT will construct a three-mile relief route west of the city of Cresson. The relief route will be a new four-lane divided highway on US 377 beginning one mile south of the intersection of US 377 and SH 171 and ending one mile north of the same intersection. Assisted with plan creation including H&V alignment review , TTC plans, construction quantity estimation and roadway plan production for the realigned roadway.
06/17 – 10/17	Hwy 270 Widening Connecting Arkansas Program (CAP), CA0607, Garland County, AR. <i>Project Engineer.</i> Contracted by AHTD, as part of their Connecting Arkansas Program (CAP), to assist with the design of widening approximately three miles of Hwy 270 in Garland County. The proposed roadway is 4 lanes with a painted median from Hwy 270 to Black Snake Road, then 5 lanes curb & gutter from Black Snake Road to Hwy 227. Responsibilities include the drainage design and plan production , wetland delineation and maintenance of traffic plans. Tasks include preliminary site visits, developing hydraulic and hydrologic models for the pipes, submittal of Hydraulic Report, drainage ditch design, maintenance of traffic plan submittals and wetlands report.

Firm employed by 

Name	Romana Sarker Lopa		Years of relevant experience with this employer	2
Title	Roadway Design Professional		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization	MS / 2021 / Structural Engineering, Clarkson University MS / 2018 / Transportation Engineering, Universiti Teknologi Malaysia BS / 2015 / Civil Engineering, Rajshahi University of Engineering & Technology			
Active registration number / state / expiration date	N/A			
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities	Roadway Design			
	Ms. Lopa has more than four years of experience in areas of roadway design, pavement systems and asset management for various clients in the states of Louisiana, Ohio, Illinois, Texas, Tennessee and Nebraska. Experienced in a wide range of multidisciplinary transportation infrastructure projects including Stage 0 feasibility and safety studies, geometric design, and technical evaluations. Proficient in Power InRoads, OpenRoads, MicroStation, LCMS, PAVER, FAARFIELD, and advanced data analytics tools to support engineering analysis and project delivery in accordance with AASHTO and DOT standards.			
Experience dates	Experience and qualifications relevant to the proposed contract			
01/23 – 04/24	District 04 Pedestrian Safety Improvements, LADOTD, LA. Roadway Designer for the Stage 0 feasibility study for pedestrian safety improvements along seven corridors on US 71 in LADOTD District 04, supporting the evaluation of existing traffic facilities and development of schematic roadway designs. Assisted with corridor assessments, ADA-compliant curb ramp layouts, sidewalk, right-of-way evaluations, and preparation of quantity and cost estimates to support project.			
12/25 – Ongoing	LA 1024 S-Wave Ground Inlay Grooves, LADOTD, Livingston Parish, LA. Roadway Designer. The project involves the preparation of construction plans for the installation of sinusoidal ground-in rumble strips, pavement rehabilitation, cold milling, and overlay along LA 1024 between LA 16 and LA 447. Supported field survey efforts to document existing conditions and assisted in the preparation of preliminary plans and cost estimates.			
07/24 – Ongoing	I-10 Calcasieu River Bridge P3 (Calcasieu Parish, LA). Roadway Designer for the I-10 Calcasieu River Bridge Replacement P3 project to replace the existing I-10 bridge over the Calcasieu River with a new bridge north of I-10. Contributed to the preparation of construction documents, design calculations, and QA/QC reviews to support the delivery of roadway design packages in accordance with project requirements and applicable standards.			
05/24 – 08/24	Ohio Roundabouts Design Project, MCTID, OH. Roadway Designer. Responsible for the planning and preliminary design activities for the Montgomery County Transportation Improvement District (MCTID) Peters & Lightner Roundabout and the Frederick Pike & Martindale Roundabout.			
10/23 – 12/23	LA 22 Tchefuncte River Bridge, LADOTD, St. Tammany Parish, LA. Roadway Designer. Responsible for digital Marine traffic database development and initial data analysis to set specifications for a Stage 0 Feasibility Study for the replacement of the LA 22 Tchefuncte River Bridge in Madisonville, LA.			
09/24	S Flannery Rd Reconstruction Project Proposal, MOVEBR Baton Rouge, LA. Roadway Designer. Site surveys to explore existing roadway conditions, drainage facilities, business areas, and documentation. This work aims to provide valuable insights to inform evidence-based decision-making and strategic planning for future infrastructure development initiatives.			

Traffic and Safety Engineers

Firm employed by. 			Meets MPR No. 5	
Name	Ari Deitch, PE, PTOE, PTP, RSP		Years of relevant experience with this employer	12
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. 03/2028; PTOE #4346 / USA / Exp. 11/2026 PTP #690 / USA / Exp. 07/2028; RSP #37 / USA / Exp. 12/2027	
Year registered	2018	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Traffic and Safety Studies, Traffic Design	
			Mr. Deitch is a Senior Transportation Engineer specializing in transportation safety, traffic engineering and design , 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 warrants , and signing/markings design. He has experience and proficiency in IHSDM, SYNCHRO, VISTRO, VISSIM, SIDRA, GuidSIGN, HCS and MicroStation software. Mr. Deitch meets Minimum Personnel Requirement Number 5.	
Experience dates			Experience and qualifications relevant to the proposed contract	
01/19 – 05/20			Safety Design IDIQ - US 90 Ramps at LA 88 Roundabouts, Iberia Parish, Louisiana. <i>Transportation Engineer.</i> Assisted with permanent signing and striping components of roadway safety design plans for proposed roundabouts.	
04/16 – 09/18			Safety Studies IDIQ - New Orleans Pedestrian Safety Feasibility Study, LADOTD, Orleans Parish, LA. <i>Project Manager.</i> 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.	
02/23 – 05/24			Safety Studies IDIQ - District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA. <i>Project Manager.</i> 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 District, and District 04. Stakeholders also participated in virtual and on-site field reviews. Study data, methods, and results were documented 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.	
04/19 – 12/19			East Baton Rouge Signal Upgrades and Design, LADOTD, East Baton Rouge Parish, LA. <i>Traffic Engineer.</i> Technical lead of project tasks involving traffic signal inventory and development of updated signal design plans and quantities . Project includes 39 intersections in East Baton Rouge Parish to be upgraded from video detection to magnetometer detection.	

12/19 – Ongoing	MoveBR Bluebonnet Blvd (Perkins Road to Picardy Avenue), City of Baton Rouge, East Baton Rouge Parish, LA. Senior Traffic Engineer. The purpose of the project is to widen Bluebonnet Blvd from 4 lanes to 6 lanes between Perkins Road and Picardy Avenue. Responsible for the development of a traffic design study to develop proposed improvements and project design to maximize operational and safety benefits. Responsible for development of <i>signal design plans and timings</i> , including <i>fiber interconnect plans for signal communications</i> .
01/24 – Ongoing	Scenic Highway Corridor Improvements (Harding to Swan), City of Baton Rouge, East Baton Rouge Parish, LA. Senior Traffic Engineer. The purpose of the project is to provide <i>corridor enhancements including ped/bike accommodations</i> along Scenic Highway. Responsible for the development of <i>signal design plans and timings</i> for the 3 locations, including a <i>HAWK signal</i> .
04/16 – 10/19	Safety Studies IDIQ - I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, LADOTD, East Baton Rouge and Livingston Parishes, LA. Traffic Engineer. Conducted <i>traffic analysis</i> using a calibrated microsimulation model to evaluate the operational performance of HSR and HOV lane alternatives. Developed <i>conceptual drawings</i> and <i>construction cost estimates</i> to evaluate the <i>feasibility</i> of proposed alternatives.
02/17 – 02/18	Safety Studies IDIQ - I-49 Interchange Safety Feasibility Study, LADOTD, Lafayette Parish, LA. Traffic Engineer. Responsible for <i>data collection and analysis</i> , <i>traffic analysis</i> , and <i>conceptual design drawings</i> . Purpose was to identify <i>feasible improvement alternatives</i> 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.
08/14 – 06/15	Safety Studies IDIQ - LA 3235 Safety Feasibility Study, LADOTD, Lafourche Parish, LA. Traffic Engineer. Responsible for review of existing <i>crash data</i> and <i>traffic operations analysis</i> , development of <i>safety countermeasures</i> , conceptual drawings, and <i>Stage 0 documentation</i> . Purpose of the project was to develop <i>access management strategies</i> 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 <i>Highways Safety Manual predictive methods</i> .
03/18 – 06/21	Safety Studies IDIQ - 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 <i>screening criteria</i> to identify high priority locations with a history of pedestrian and/or bicycle crashes. Participated in <i>Road Safety Audits (RSAs)</i> at 10 priority locations to identify and evaluate safety deficiencies and <i>develop safety countermeasures</i> to <i>improve safety for pedestrians and bicyclists</i> .
10/18 – 03/21	Safety Studies IDIQ - 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 <i>evaluate reasonable alternatives to address any deficiencies discovered</i> . Arcadis performed traffic analysis using Highway Capacity Software in accordance with LADOTD TEPR Requirement.
02/15 – 08/17	US 71 Corridor Phase II Traffic and Safety Study, LADOTD; Rapides Parish, LA. Traffic Engineer. Responsible for providing <i>traffic data collection</i> , warrant studies, <i>traffic analysis</i> , <i>safety data analysis</i> , and development of <i>conceptual layouts</i> . Played a key role in the development of <i>feasible alternatives</i> to replace the existing traffic circle. Responsible for the development of <i>conceptual design drawings</i> and <i>construction cost estimates</i> for proposed alternatives. Assisted with the completion of <i>Stage 0 documentation</i> including <i>Preliminary Scope and Budget and Environmental Checklists</i> .

Firm employed by. 			Meets MPR No. 5	
Name	Kester Hollier, PE, PTOE		Years of relevant experience with this employer	5
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 and Safety Studies, Traffic Design, Construction Support		
		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. <u>Mr. Hollier meets Minimum Personnel Requirement Number 5.</u>		
Experience dates		Experience and qualifications relevant to the proposed contract		
07/21 – 07/22		Safety Studies IDIQ – US 61: Cardinal Drive to Bert Street Safety Improvements, LADOTD, St. John the Baptist Parish, LA. <i>Traffic Engineer.</i> 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. Analysis 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.		
11/20 – Ongoing		I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. <i>Project Manager.</i> Responsible for traffic engineering tasks including development of permanent signing plans, traffic signal 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. 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.		
11/17 – 07/20		Stage 0 Feasibility Study - LA 466 (5th Street) Improvements Traffic Study, City of Gretna, Jefferson Parish, LA. <i>Project Manager / Traffic Engineer.</i> 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. <i>Traffic Engineer.</i> 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. <i>Traffic Engineer.</i> 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. <i>Project Manager / Traffic Engineer.</i> 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.
05/14 – 08/20	Causeway Blvd. at Earhart Expwy. Interchange, LADOTD, Jefferson Parish, LA. <i>Traffic/Civil Engineer.</i> 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. <i>Traffic Engineer.</i> 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. <i>Traffic Engineer.</i> 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. <i>Traffic/Civil Engineer.</i> 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. 			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 09/2027; PTOE #5291 / USA / Exp. 7/2028; RSP2I #182 / USA / Exp. 7/2027		
Year registered	2023	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Traffic and Safety Studies, Traffic Design		
	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. <u>Dr. Aguirre Meets Minimum Personnel Requirement Number 5.</u>		
Experience dates	Experience and qualifications relevant to the proposed contract		
02/23 – 05/24	Safety Studies IDIQ - 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 District, and District 04. Stakeholders also participated in virtual and on-site field reviews. Study data, methods, and results were documented 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.		
10/18 – 03/21	Safety Studies IDIQ - 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	Safety Studies IDIQ - 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 .
09/19 – 12/19	East Baton Rouge Signal Upgrades and Design, LADOTD, East Baton Rouge Parish, LA. Traffic Engineer. Traffic engineer involved in the development of traffic signal inventory and development of updated signal design plans and quantities . Project includes 39 intersections in East Baton Rouge Parish to be upgraded from video detection to magnetometer detection.
12/19 – Ongoing	MoveBR Bluebonnet Blvd (Perkins Road to Picardy Avenue), City of Baton Rouge, East Baton Rouge Parish, LA. Traffic Engineer. The purpose of the project is to widen Bluebonnet Blvd from 4 lanes to 6 lanes between Perkins Road and Picardy Avenue. Responsible for the development of a traffic design study to develop proposed improvements and project design to maximize operational and safety benefits. Responsible for development of signal design plans and timings , including fiber interconnect plans for signal communications .
01/24 – Ongoing	Scenic Highway Corridor Improvements (Harding to Swan), City of Baton Rouge, East Baton Rouge Parish, LA. Traffic Engineer. The purpose of the project is to provide corridor enhancements including ped/bike accommodations along Scenic Highway. Responsible for the development of signal design plans and timings for the 3 locations, including a HAWK signal .
01/25 – Ongoing	North Ardenwood Drive Connector, City of Baton Rouge, East Baton Rouge Parish, LA. Traffic Engineer. The purpose of the project is to conduct a traffic analysis for a new proposed signalized intersection to confirm lane geometry, provide signal timing parameters, evaluate capacity performance, and evaluate the sight distance. Responsible for the development of signal design plans and timings , including fiber interconnect plans for signal communications .
01/21 – Ongoing	MoveBR Lee Drive (Highland Road to Perkins Road), City of Baton Rouge, East Baton Rouge Parish, LA. Traffic Engineer. The purpose of the project is to provide capacity improvements and ped/bike accommodations along Lee Drive. Responsible for assisting with developing a traffic design study to evaluate and identify the preferred alternative , and developing signal design at the intersections of Highland Road, Boone Drive, and Hyacinth Avenue.
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.
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.

Firm employed by.



Name	Clara Foshee, PE, PTOE	Years of relevant experience with this employer	2
Title	Transportation Engineer	Years of relevant experience with other employer(s)	9
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 and Safety Studies		



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.**

Experience dates	Experience and qualifications relevant to the proposed contract
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.
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, 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.
08/24 - Ongoing	I-10 Calcasieu River Bridge P3 TMP, LADOTD; Calcasieu Parish, LA. Task Manager and Traffic Engineer. Responsible for overseeing and managing project tasks including data collection, safety analysis, detour route determination, predictive traffic routing for detours, traffic operational analysis , and developing appropriate mitigation efforts for the various intersections and interstate segments along the designated detour routes.
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 managing project tasks including traffic data collection, warrant studies, traffic operational analysis, safety analysis, alternative/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, 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, warrant studies, safety analysis, traffic operational analysis , and alternative development and analysis.

Firm employed by. 			Meets MPR No. 5
Name	Sridhar Basetty, PE, PTOE	Years of relevant experience with this employer	20
Title	Principal Transportation Engineer	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		MS / 2004 / Civil Engineering, University of Dayton BS / 2002 / Civil Engineering, Osmania University	
Active registration number / state / expiration date		PE. 38950 / LA / 09/30/2026; PTOE 3682 / USA / Exp. 08/2026	
Year registered	2010	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Traffic Design	
		Mr. Basetty is a Senior Traffic Engineer with over 20 years of experience in a wide range of traffic engineering applications including traffic modeling and analysis, intersection and corridor studies, signal warrant analysis, signal design, and signing design. His project experience includes stage 0 feasibility studies, freeway and arterial corridor studies, IMR and IJR studies, transportation management plans, environmental assessments and traffic impact studies. He is highly proficient with traffic modeling and analysis tools, including Highway Capacity Software, Synchro/SimTraffic, TRANSYT 7F, CORSIM, Vissim, Sidra, Visum, CUBE, and TransCAD. Mr. Basetty meets Minimum Personnel Requirement Number 5.	
Experience dates		Experience and qualifications relevant to the proposed contract	
01/14 – 01/21		Pete's Highway Traffic Study and EA, LADOTD, Livingston Parish, LA. Senior Traffic Engineer. Traffic study preparation to analyze three Stage 0 build alternatives to relieve traffic congestion and improve traffic operations on LA 3002 (S. Range Avenue) and its intersections in the vicinity of the I-12 interchange. Responsibilities include conducting a traffic study in accordance with LADOTD microsimulation guidelines and the FHWA Traffic Analysis Toolbox, Volume III. Main tasks include traffic data collection, Vissim model calibration and simulation , alternative traffic analysis, technical documentation, signal timing, signal warrant analysis , conceptual layouts development, preliminary cost estimates, and public outreach.	
10/15 – 06/19		US90 Business Signing Upgrades, LADOTD, Orleans and Jefferson Parish, LA. Engineer of Record. Responsible for the development of transportation management plans and permanent signing plans for segments of US 90 Business and I-10 through New Orleans ' Central Business District and surrounding areas. The project replaced all standard and overhead signing within the project limits. Project scope included an inventory of existing signs, development of proposed sign layouts and structural details, and production of 4 construction plan sets for distinct segments of the project limits.	
01/14 – 09/18		Traffic Engineering IDIQ - US 71 Corridor Traffic Study - Phases 1-3, LADOTD, Rapides Parish, LA. Senior Traffic Engineer. Preparation of a traffic study for the purpose of enhancing mobility and safety. Main tasks include traffic data collection, signal warrant studies, traffic analysis , safety data analysis, and development of conceptual layouts. Data collection efforts include automated one-week counts, manual turning-movement counts, intersection approach counts, travel-time runs, and spot speed studies. Responsibilities include conducting signal timing optimization and signal warrant analyses at all major intersections, and developing preliminary cost estimates and conceptual layout drawings for alternatives, including U-turns, J-turns, restricted turns, one-way frontage roads, slip ramps, and service road islands (right-out only). Responsibilities also include developing Vissim model animations of the proposed alternatives for high- and low-volume scenarios.	
02/15 – 01/18		Traffic Engineering IDIQ - LA 3105 (Green Acres to LA 72) Corridor Traffic Study, LADOTD, Bossier Parish, LA. Senior Traffic Engineer. Responsible for overseeing the development/evaluation of existing and future year conditions using a calibrated	

	Vissim model. Designed alternatives for phased implementation based on identified needs and input from local stakeholders, including medians, restricted intersections, roundabouts, roadway widening, and signal timing enhancements . Responsible for development and quality control of all project deliverables, including traffic modeling , public involvement, and traffic study documentation .
02/15 – 11/17	Traffic Engineering IDIQ - Intersection Feasibility Study, Evangeline Thwy, Johnston St, & Louisiana Ave, LADOTD, Lafayette Parish, LA. Senior Traffic Engineer. Responsible for overseeing all scope elements, including data collection , development of calibrated Vissim model , development of operational and safety improvements, signal warrant analysis , and study documentation. Proposed improvements included a continuous-flow intersection alternative and restricted-intersection alternatives. A Vissim animation was created to demonstrate the operational characteristics of the proposed alternatives.
07/15– 08/16	Traffic Design Study and Signal Design - Burbank Drive (LA 42) to Highland Road Connector City of Baton Rouge / Parish of East Baton Rouge, LA. Senior Traffic Engineer. Performed traffic and signal timing analyses for the traffic Design Study. Responsibilities include reviewing existing traffic studies and data; data collection and field observation; analysis of existing and design-year (no-build and build) conditions; signal timing analyses ; and traffic design report development. Also collected data on road geometry (lengths, lanes, curvature, and shoulders) and traffic controls (signal timings, signs), as well as historic average daily traffic (ADT). Performed signal timing, including cycle lengths, green times, and clearance calculations , in accordance with the latest version of the Traffic Signal Design Manual, LADOTD . The next phase will include signal design and the preparation of the construction plan.
08/14 – 06/15	Safety Studies IDIQ - LA 3235 Stage 0 Safety Feasibility Study, 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 . The purpose of the project was to develop access management strategies and roadway improvements to maintain and enhance mobility, improve safety, and support existing and future development along the corridor. The safety performance of alternatives was estimated using the Highways Safety Manual's predictive methods.
11/14 – 10/15	Safety Studies IDIQ - LA 44 and Loosemore Road Roundabout Safety Study, LADOTD, Ascension Parish, LA. Senior Traffic Engineer. Responsible for traffic data collection and analysis . The project intersection was an unsignalized intersection located south of Gonzales, Louisiana. The purpose of the study was to investigate the feasibility of converting this intersection into a roundabout, given right-of-way limitations. The intersection is situated between several utility pipelines, which could pose construction challenges for a roundabout design. Three roundabout alternatives were evaluated: a roundabout at the current location, a roundabout south of the intersection, and dual roundabouts.

Bridge Engineers

Firm employed by.



Name	Victor Sanchez, PE		Years of relevant experience with this employer	2.5
Title	Principal Bridge Engineer		Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization			MS / 2017 / Civil Engineering-Structures BS / 1991 / 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 Engineer	
Contract role(s) / brief description of responsibilities			Bridge Design, Construction Support	
			Mr. Sanchez is the Lead Bridge and Structural Engineer for 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, 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.	
Experience dates			Experience and qualifications relevant to the proposed contract	
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 movable 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 an Environmental Checklist.	
02/22 – Ongoing			I-10 Calcasieu River Bridge P3 (Calcasieu Parish, LA). Bridge Lead Engineer. I-10 Calcasieu Bridge is one of the first Public-Private-Partnership projects in Louisiana and entails the replacement of several bridges, including the main structure crossing over the Calcasieu River. The project is divided into three segments. Arcadis is leading the design of segment 1. Segment 1 includes the replacement of an access ramp; the WB I-210 Ramp over the I-10. The bridge is a six-span bridge that consists of two units, each unit is a three-span continuous curved steel plate girder bridge, and the substructure consists of concrete hammer-head piers on concrete spread footing on precast concrete piles. Role as Bridge Lead Engineer and EOR is to guide a team of engineers and drafters to prepare plans, calculations, and quantity takeoff for the replacement of the WB I-210 Ramp over the I-10, and work along with other partners in coordination meetings with the owner and the contractor for this project.	
10/22 – Ongoing			Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Replacement (OSBR) Program, District 02, LADOTD, LA. Bridge Lead Engineer. Prepared preliminary and final plans of six proposed bridges , which included plan and profile sheets, typical roadway sections and quantities, a general bridge plan, traffic detour and road closure details, and relevant signing plans, as well as channel cross-sections.	

06/14 – 07/15	I-10 Over Julia Street, Girder Rehabilitation Project, LADOTD, New Orleans, LA. <i>Bridge Design Engineer / Engineer of Record.</i> Led bridge design to address partial failure of connecting plates attaching girders to straddle bents on an I-10 exit ramp. Scope included replacing a steel cap beam at straddle bent 25w, all connecting plate elements at cap 26w, and analysis/rehabilitation of the affected three-span continuous structure (74'-132'-132'). Coordinated contract documents, plans, calculations, estimates, and provided QC/QA. Supported construction by reviewing and approving contractor shop drawings and calculations.
05/16 – 05/17	UP Railroad Overpass Near Tioga, LADOTD, Rapides Parish, LA. <i>Lead Bridge Design Engineer / Engineer of Record.</i> 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 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 and caps supported on columns, which are supported on drilled shafts and spread footings on drilled shafts. Conducted 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. <i>Lead Engineer and Engineer of Record.</i> The total bridge length is 675' and consists of three 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 and 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 of project delivery per Louisiana Department of Transportation policies.
04/15 – 03/16	UP Railroad Bridge at Sicard, LADOTD, Ouachita Parish, LA. <i>Lead Engineer.</i> 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 8ft 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, 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, NC. Lead 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 132ft, 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 maintain budget control and timely delivery to NCDOT.

Firm employed by.



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. 09/30/2026	
Year registered	2001	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Bridge Design	
			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 guarantees constructible technical solutions and more complete construction documents. Leveraging his decades of experience, he will check accuracy, verify compliance to review comments, and will confirm that agency and stakeholder comments and concerns are addressed.	
Experience dates			Experience and qualifications relevant to the proposed contract	
08/20 – 07/21			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 I-10 in Orleans and St. Tammany Parishes. The project is to determine the improvements of implementing shoulder lanes on Interstate 10 in the New Orleans East area. Responsibilities include preliminary bridge design to determine construction costs for structure widening of EB & WB I-10, based on 4 scenarios utilizing existing shoulders on I-10 , with one of the scenarios. Developed Stage 0 Documentation, including Preliminary Scope and Budget and Environmental Checklists.	
10/20 – Ongoing			I-10: LA 415 to Essen Lane on I-10 and I-12, LADOTD West and East Baton Rouge Parish, LA. Project Bridge Engineer. A Construction Management at Risk (CMAR) project to improve I-10 through widening and reconstruction. This project involved bridge replacement and rehabilitation , interchange and ramp modification, shoulder widening, and auxiliary lane(s). Responsibilities include the design and details of the substructures for the Terrace-Washington mainline bridges and the I-110 ramp connecting to the EB mainlines. Design conversion of an existing ingress ramp to a bridge by extending the existing columns to provide sufficient widening to the existing WB mainlane. Design and size the drilled shaft foundation and develop the layout to incorporate the Greenway shared path beneath the mainline bridges. All designs are performed using AASHTO LRFD Bridge Design Specifications and BDEM criteria for live loads, dead loads, wind, seismic , and other applicable loads. Coordinated with a team of engineers on design tasks and planned production.	
07/11 – 05/13			MacArthur Drive Bridge Interchange, LADOTD, Rapides Parish, LA. Bridge Design Engineer, Engineer of Record. Led Phase 1 redesign and widening of the interchange, focusing on design changes for Ramps 7 and 8. Designed deck slabs for 18 spans with Trapezoidal and Bulb-T girders, bearing pads, Inverted-T caps, and special pier columns. Oversaw geometric and span layout modifications and reviewed all plans for compliance with LADOTD standards and quality requirements.	

10/22 – Ongoing	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Replacement (OSBR) Program, District 02, LADOTD, LA. Project Manager: Arcadis was selected by LADOTD to provide design support, topographic surveying, hydraulics, and geotechnical engineering for the development of the preliminary and final designs. The engineering responsibilities include the development of General Plans, foundation layouts , and super-elevation diagrams, as well as structural design, detailing, and load ratings for various bridge components such as slab spans, bent caps, approach slabs, etc., responsible for leading a group of engineers and subconsulting firms to prepare preliminary and final plans of seven bridge replacement projects. Review the design criteria and bridge design criteria, and address the DOTD comments. Prepared and maintained project schedule . Reviewing and directing the plan development.
02/23 - Ongoing	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.
02/22 – 04/25	I-10 Calcasieu River Bridge P3 (Calcasieu Parish, LA). Bridge Project Manager for the I-10 Calcasieu Bridge Replacement P3 project to replace the existing I-10 bridge over the Calcasie River with a new bridge north of I-10. The project also includes the construction of several new bridge structures within the project limits, both inside and outside widening of I-10, improvements and modifications to existing interchanges, and improvements to other associated roadways.
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-span steel plate girder structure with uneven settlement and rotation at the abutments, requiring rehabilitation to stabilize movement and raise the bridge back to its original as-built elevation. Responsibilities included directing the team and overseeing tasks involving the preparation of geometric layout plans; bridge design and final plans, specifications, and estimates for the LA 1 Bridge over I-49, in accordance with LADOTD BDEM. Performed QA/QC , prepared construction cost estimate, reviewed/revised plans based on LADOTD comments.
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 project 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.

Environmental Scientists / Planners / Complete Streets

Firm employed by.



Name	Jason Morrell, PWS		Years of relevant experience with this employer	12
Title	Principal Planner		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	
Year registered	2013	Discipline	Environmental	
Contract role(s) / brief description of responsibilities			Feasibility Reports, Permit Plans / Permit Applications	
			Mr. Morrell has more than 25 years of experience in environmental planning , including over 21 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 federally funded 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 Standing Technical Committee on Environmental Compliance in Transportation Planning (AEP17).	
Experience dates			Experience and qualifications relevant to the proposed contract	
02/23 – 05/24			Safety Studies IDIQ - District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA. <i>Environmental Lead</i> . Responsible for coordinating desktop and field environmental reviews to identify and document environmentally sensitive areas. The purpose of the study was to develop and evaluate safety countermeasures to address pedestrian safety needs on seven (7) corridors within Caddo and Bossier Parish. Study data, methods, and results were documented in a Stage 0 Feasibility Reports with a Preliminary Scope and Budget Checklist and Environmental Checklist .	
04/23 – 01/25			LA 22 Tchefuncte River Bridge Stage 0 Feasibility Study, LADOTD, St. Tammany Parish, LA. <i>Environmental Lead</i> . Responsible for coordinating desktop and field environmental reviews to identify and document environmentally sensitive areas. The Purpose of the project was 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 natural and built environmental. All study methods and results were documented in a Stage 0 Feasibility Report with a Preliminary Scope and Budget Checklist and Environmental Checklist .	
04/25 - Ongoing			LA 1/LA 415 Connector CMAR, LADOTD, West Baton Rouge Parish, LA <i>Project Manager</i> for a new 2.7-mile new alignment connector, consisting of a four (4) lane roadway (LA 415 Connector), interchange modification at I-10 and LA 415, and new LA 415 interchanges at Sun Plus Parkway and LA 1. The Arcadis scope of services includes traffic engineering and analysis for the entire project, including design development and alternative concepts , phased project implementation, safety analysis, signal inventory and design, and transportation management plan. Arcadis is also responsible for all stages of CMAR plan design for three (3) roadway segments.	
02/24 - Ongoing			I-10 Calcasieu River Bridge Public Private Partnership (P3) Project, LADOTD, Calcasieu Parish, LA <i>Environmental Lead</i> for preparation of required environmental permit applications for replacement of the I-10 Calcasieu River Bridge and 5.25 miles of interstate improvement along I-10. Led coordination with responsible federal, state, and local agencies throughout the	

	permitting process on behalf of the P3 project team. Environmental permit applications prepared include a USACE Section 10/404 Clean Water Act Standard Permit, Louisiana Department of Environmental Quality (LDEQ) Water Quality Certification Request, USCG Section 9 Rivers and Harbors Act Bridge Permit, and USCG Navigation Lighting Plan. All permits were completed and approved by regulatory agencies ahead of schedule.
02/17 – 09/25	I-49 South (Ricohoc to Berwick) SEIS, LADOTD, St. Mary Parish, LA. <i>Project Manager</i> for a Supplemental NEPA Environmental Impact Statement (EIS) for the conversion of a 10-mile segment of US 90 to I-49 from Ricohoc to Berwick in St. Mary Parish. Responsible for managing a multi-disciplinary team for all project phases including the traffic, line and grade, and environmental studies.
10/22 - Ongoing	IJA Off System Bridge Replacements Program – District 02, LADOTD, Multiple Parishes <i>Environmental Lead</i> for replacement of six (6) off-system bridges in LADOTD District 02. Responsibilities include management of environmental services for this bridge bundle including preparation of Solicitation of Views (SOVs) letters, wetland studies, Section 106 National Historic Places Act compliance documentation, NEPA Programmatic Categorical Exclusions, and USACE Section 404 Clean Water Act permitting, as needed.
04/21 – Ongoing	Rural Bridge Replacement Initiative Phase II – Districts 02, 03, 07, 61, and 62, LADOTD, Multiple Parishes, LA. <i>Environmental Lead</i> for 16 state projects involving replacement of 29 state highway bridges. The environmental scope of services for the projects consists of Solicitation of Views, Wetland Studies, Programmatic Categorical Exclusion Checklists, and permitting including USACE Nationwide Permits (NWP), Louisiana Department of Natural Resources Coastal Use permits, and local levee board permits
10/15 – 04/18	North Bayou Black Drive/Hanson Canal Bridge (OSBP) – LADOTD, Terrebonne Parish, LA. <i>Ecologist.</i> 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. <i>Ecologist.</i> 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.
12/15 – 11/18	Bridge Replacements for Confidential Railroad Client, Natchitoches Parish, Louisiana and Caddo Parish, LA/Harrison County, TX. <i>Lead Ecologist.</i> Responsible for wetland delineation and protected species habitat assessments for replacement of two structurally deficient railroad bridges. 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 drawings, submitted to the USACE Fort Worth District for the Caddo Parish, LA/Harrison County, TX bridge.

Firm employed by.



Name	Julie Price, AICP	Years of relevant experience with this employer	12
Title	Principal 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. 06/2027		
Year registered	2007	Discipline	Planner
Contract role(s) / brief description of responsibilities	Feasibility Reports, Complete Streets		



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.

Experience dates	Experience and qualifications relevant to the proposed contract
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 guarantee 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. <i>Public Involvement Team Member.</i> 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. <i>Transportation Planning Lead/ Stakeholder Engagement Lead.</i> 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. <i>Project Team Leader.</i> 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. <i>Project Team Lead.</i> 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. <i>Project Team Leader.</i> 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. <i>Project Team Leader.</i> 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. <i>Engagement Lead.</i> 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.



Name	Catherine Bruns		Years of relevant experience with this employer	2
Title	Ecologist		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			BS / 2021 / Coastal Environmental Science, 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			Feasibility Report, Permit Plans / Permit Applications	
 Ms. Bruns is an Ecologist in the Arcadis Baton Rouge, Louisiana office. She supports transportation projects by performing wetland studies and preparing permit packages for submittal to United States Army Corps of Engineers (USACE) and Louisiana Department of Natural Resources (LDENR) Office of Coastal Management. Prior to joining Arcadis, she worked in the LDENR Office of Coastal Management performing technical and environmental reviews of projects submitted for Coastal Use Permits. She has experience with environmental permitting, biological assessment, and wetland studies.				
Experience dates				
Experience and qualifications relevant to the proposed contract				
05/23 – Ongoing		Rural Bridge Replacement Initiative Phase II, Louisiana Department of Transportation & Development (LADOTD), Multiple Cities, LA. <i>Ecologist</i> for 16 state projects involving replacement of 29 state highway bridges. The environmental scope of services for the projects consists of Solicitation of Views, Wetland Studies, Programmatic Categorical Exclusion Checklists, and permitting including USACE Nationwide Permits (NWP) and LDENR Coastal Use Permits (CUP).		
07/23 – Ongoing		I-20 Widening/Overlay (Vancil Rd – LA 34), LADOTD, West Monroe, LA. <i>Ecologist.</i> Performed a wetland delineation along I-20 near West Monroe, LA for the proposed interstate widening project. Provided a Wetland Findings Report , including required exhibits, to be used for a USACE Jurisdictional Determination.		
02/24 – Ongoing		I-10 Calcasieu P3 Design Phase, LADOTD, Lake Charles, LA. <i>Ecologist.</i> Prepared environmental documentation and permitting materials for the Calcasieu River Bridge replacement in Lake Charles, LA. The environmental scope of services includes jurisdictional wetland verification, NEPA Re-Evaluation of environmental commitments , and permitting to include USACE Sections 10, 404, and 408, USCG Section 9, and LDEQ Section 401.		
05/24 – Ongoing		Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program, LADOTD, Lake Charles, LA. <i>Ecologist</i> for state projects involving replacement of off-system bridges. The environmental scope of services for the project consists of Solicitation of Views, Wetland Studies, Environmental Determination Checklists, and permitting including USACE Nationwide Permits (NWP) and Louisiana Department of Energy and Natural Resources Coastal Use Permits (CUP).		

Firm employed by.



Name	Jan Hughes	Years of relevant experience with this employer	3
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	Feasibility Report, Permit Plans / Permit Applications		
	Jan brings 28 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. JI-10 an 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.		
Experience dates	Experience and qualifications relevant to the proposed contract		
02/23 – 05/24	Safety Studies IDIQ - District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parish, LA. Environmental Planner. Responsible for QC of Stage 0 Environmental Checklists. 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 documented in a Stage 0 Feasibility Reports were completed with Preliminary Scope and Budget Checklist and Environmental Checklist .		
02/24 – Ongoing	I-10 Calcasieu River Bridge Replacement, Calcasieu Parish, LADOTD and P3 Project Team. Environmental Planner. Involvement in Re-evaluation and other environmental documentation for the P3 portion of the project.		
03/24 – Ongoing	IIJA Bridge Replacements, District 02 Parishes, LADOTD. Environmental Planner. Reviewed and provided comments on draft Programmatic Categorical Exclusion documents for multiple projects.		
10/22 – Ongoing	Rural Bridges Replacements Initiative II, Districts 02, 03, 07, 61, and 62, LADOTD. Environmental Planner. Reviewed and provided comments on draft Programmatic Categorical Exclusion documents for multiple projects.		
07/23 – 09/24	I-20 Widening Monroe, LADOTD, Ouachita Parish, LA. Environmental Planner and Public Meeting Coordinator. Assisted with the coordination and execution of a public meeting to obtain public and stakeholder input.		
11/22 – 12/24	US 11 Norfolk Southern Railroad, Route US 11, Environmental Assessment/FONSI, LADOTD, St. Tammany Parish, LA. Environmental Planner. Coordinated with LADOTD regarding the reevaluation of the FONSI.		
04/23 – 08/23	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. Environmental Planner. 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. <i>Environmental Planner.</i> Coordinated with LADOTD to revise the draft Environmental Assessment to incorporate the rewritten construction phasing section of the document.
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. <i>LADOTD NEPA Lead.</i> 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. <i>LADOTD NEPA Lead.</i> 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. <i>LADOTD NEPA Lead.</i> 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. Flourney Lucas Rd (LA 523) to Future I-69 Corridor, Environmental Assessment, LADOTD and City of Shreveport, Caddo Parish, LA. <i>LADOTD NEPA Lead.</i> 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. <i>LADOTD NEPA Lead.</i> 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. <i>LADOTD NEPA Lead.</i> 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. <i>LADOTD NEPA Lead.</i> 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.

Firm employed by



Name	Hunter Guidry	Years of relevant experience with this employer	2
Title	Principal Ecologist	Years of relevant experience with other employer(s)	29
Degree(s) / Years / Specialization	BS / 1996 / Environmental Management Systems, 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	Feasibility Report, Permit Plans / Permit Applications		



Mr. Guidry is currently a Principal Ecologist with over 29-years with a proven expertise in **environmental permitting**, project management, water resources, wetland delineation and assessment with local, state, and federal Clean Water Act 404 permitting, coastal restoration experience, NEPA compliance, stormwater management and design, remediation support, field data collection, Section 7 Endangered Species Act (ESA) consultation, ecological surveys, vegetative monitoring, biota sample procurement, and construction site management.

Experience dates	Experience and qualifications relevant to the proposed contract
05/23 – 08/23	I-10 to US 61 (West Airline Highway) Connector, LADOTD, St. John the Baptist Parish, LA. Wetland Delineator. Performed a wetland determination along a designated corridor chosen alternate alignment. Performed field work and recorded data. Compiled data and authored a wetland delineation report and provided it to client.
02/10 – 4/11	LA Highway 42/LA Highway 117 Expansion, LADOTD, Leeville, LA. Project Manager overseeing environmental assessments along the LA 42 and LA 117-expansion corridor. Coordinated with parish leaders, design engineers and state and federal agencies.
08/08 – 12/08	Coushatta Bridge Realignment, LADOTD, Allen Parish, LA. Biologist responsible for wetland determinations as well as red cockaded woodpecker and america chaffseed plant survey and habitat analysis along proposed expansion and replacement of the Coushatta Bridge in Allen Parish, Louisiana. Coordinated with state and federal agencies and project engineers.
08/07 – 12/07	McHugh Road (Wimbush Drive to Lower Zachary Road), LADOTD East Baton Rouge Parish, LA. Wetland Delineator. Responsible for a Wetlands Study and preparation of a Wetlands Assessment Report and permitting for this project, which was prepared in accordance with NEPA standards.
05/25 – Ongoing	Vanguard Renewables-Iberville and Assumption Parishes, LA. Project Manager and Permitting Specialist. Currently working on two new renewable natural gas facilities in Iberville and Assumption Parishes, Louisiana. Following a technical risk analysis by engineers and development of proposed renewable energy facility designs, Arcadis evaluates the ecological integrity and resources associated with the facility layout to identify applicable federal, state, and local permits . Arcadis closely coordinates with the US Fish and Wildlife Service, LA Division of Environmental Quality (LDEQ), Natural Resources Conservation Service, LADOTD, and the LA Department of Wildlife and Fisheries as well as the local Parish agencies for state stormwater, solid waste, operations, and new facility design as well as terrestrial and aquatic resource impacts.
06/25 – Ongoing	I-10 Calcasieu River Bridge P3 Project, LADOTD, Calcasieu Parish, LA. Permitting Specialist. The I-10 Calcasieu River Bridge Improvements Project will improve Interstate 10 (I-10) between the I-10/I-210 west and I-10/I-210 east interchanges in Calcasieu Parish, LA. Mr. Guidry was brought in to help expedite the Section 401 Water Quality Certification process with the

	LDEQ to complete the US Army Corps of Engineers (USACE) Section 404 permitting process . Additional services will include support and coordination with the state and federal agencies during the Clean Water Act (CWA) and stormwater permitting process to complete the necessary permits to begin construction of the new bridge. Completed a significant tree verification as project biologist along interchange corridor.
02/25 – Ongoing	City of Baton Rouge/Ward Creek Realignment- East Baton Rouge Parish, LA. Permitting Specialist. Arcadis was contracted by the City of Baton Rouge through a FEMA grant to evaluate stormwater impacts to the Ward Creek drainage basin. Arcadis was tasked with the assessment and design of several possible stormwater retention projects within the drainage basin to reduce and control stormwater flows during large rain events. Mr. Guidry completed a desktop assessment of environmental resources and prepared a project impact evaluation and permitting matrix for project planning and stormwater design. He completed wetland determinations on proposed project sites to determine the impacts from the project layout. Mr. Guidry ran multiple Louisiana Rapid Assessment Method wetland assessments to determine the mitigation requirements for each of the project sites for funding requirements. Currently working on CWA and conveyance zone permitting as well as assisting with NEPA Environmental Assessment (EA) approval through FEMA.
11/23 – 01/25	Caad Kuujaamnix/Bayou Sale Living Shoreline Project, Wayti Services, LLC (Chitimacha Tribal Enterprise), St. Mary Parish, LA. Project Manager / Permitting Specialist. Worked with team on budget and scope of project as well as initiation meetings. Coordinated with archaeological team for airboat investigation of shallow inshore waters and shoreline in the project area. Performed ecological terrestrial and aquatic assessment and environmental site investigation via airboat to look at erosion issues, ecological features, endangered species, native and invasive vegetation, and review of project area in support of a NEPA Environmental Assessment.
07/23 – 12/24	Cypress Bayou Green Infrastructure Project at Greenwood Park, Recreation and Park Commission for the Parish of East Baton Rouge (BREC), East Baton Rouge Parish, LA. Project Management / NEPA Specialist. Project management of environmental aspects of HUD funded stormwater project at the BREC Greenwood Park. Provided environmental consulting services and NEPA compliance primarily related to wetlands permitting , endangered species, stormwater, and environmental conditions of the site. Coordinated with various firms on wetland and endangered species reviews and agency coordination. Performed a HUD checklist review for federal grant funding of stormwater relief project. Worked with prime on all regulatory compliance issues for the NEPA compliance. Secured a Section 404 CWA permit from the USACE for project construction.
01/18 – 08/18	I-10/Loyola Interchange, LADOTD, Jefferson Parish, LA. Project Management. Worked with state agencies on the I-10/Loyola interchange Phase I Environmental Site Assessment for NEPA compliance. Performed multiple site inspections of various impact locations for several different alignments. Looked at potential environmental concerns and impacts with each individual alignment. Attended public meetings and interacted with state and local agencies as well as answered questions about environmental impacts to the public for project.
08/18 – 01/21	Fourchon LNG Facility, Lafourche Parish, LA. Project Manager / Field Biologist. Assisted client in preparation, submittal and tracking of resource reports for a FERC application for proposed energy supply facility along the Louisiana coast. Worked on NEPA compliance for facility. Performed nesting bird survey and endangered species site assessment on project site before geotechnical survey began. Coordination with local, state, and federal agencies for project planning, development, and regulatory compliance.

Firm employed by **ARCADIS**

Name	Lacey Fish, EI	Years of relevant experience with this employer	< 1
Title	Traffic Engineer Intern	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization	BS / 2023 / Electrical Engineering, Arizona State University		
Active registration number / state / expiration date	EI.0035893 / LA / Exp. 3/31/2027		
Year registered	2024	Discipline	Engineering Intern
Contract role(s) / brief description of responsibilities	Complete Streets		



Ms. Fish is a Transportation Engineer Intern specializing in traffic engineering, traffic safety, **pedestrian and bicycle geometrics and design**, and traffic engineering and design. Ms. Fish has experience working on a range of transportation projects for LADOTD and various local municipalities pertaining to pedestrian and bicycle improvements, signal upgrades, speed study analysis, and corridor data analysis/collection. She is proficient in PetraPro, MicroStation, Replica, StreetLight, RITIS, ArcGIS Pro, and has experience with CARTS. Ms. Fish has completed the LADOTD Traffic Engineering Process and Report Training.

Experience dates	Experience and qualifications relevant to the proposed contract
01/25 – 06/25	LADOTD HQ, LADOTD, Baton Rouge, LA. Traffic Engineering Intern. Compiled and reviewed Complete Streets related documents, manuals, go-bys, and policies to compile a comprehensive Louisiana Complete Streets Manual . These documents included FHWA Sidewalk Guides, PROWAG, ADA, AASHTO Guide for the Planning, Design, and Operation of Pedestrian Facilities, AASHTO Guide for the Development of Bicycle Facilities, MUTCD 2023, Applicable LA Revised Statutes, Applicable NCHRP, HCM, University Research Projects, SmartGrowth America Data, and findings from other states.
06/22 – 07/25	Various Complete Streets Projects, LADOTD, All Districts, LA. Traffic Engineering Technician/Traffic Engineering Intern. Reviewed engineering plans at various stages for pedestrian/bicycle compliance, design, and safety in relation to the following: ADA, PROWAG, AASHTO Pedestrian & Bicycle Manuals, MUTCD, LA Traffic Engineering Manual & EDSMs, and various DOJ, NCHRP, FHWA, and LTRC publications giving best practice guidance. Gave comments regarding compliance issues and suggested alternative design features.
11/25 – Ongoing	Fremaux, St Tammany Parish, LA. Traffic Engineering Intern. Intersection analysis using HCS, technical writing.
06/25 – Ongoing	Calcasieu I-10 Bridge, LADOTD; Calcasieu Parish, LA. Traffic Engineering Intern. Compiling and implementing volume data analysis for Traffic Management Plan and creating visual maps using MicroStation. Researching effects on detour routes including noting potential impacts on pedestrian/bicycle traffic.
01/23, 01/24, 01/25	Various Projects, LADOTD, LA. Traffic Engineering/Traffic Engineering Intern. Aided with collecting, organizing, and reporting Complete Streets Performance Metrics for 2022, 2023, and 2024 to the Complete Streets Advisory Council. CSAC Attendee.
2023, 2025	Louisiana Transportation Conference, LADOTD, Baton Rouge, LA. Traffic Engineering Technician/Traffic Engineering Intern. Developed/researched content and presented in 2023 LTC “DOTD Complete Streets Course” and at 2025 LTC “Complete Streets Common Review Comments”
06/22 – 07/25	LADOTD District Project Support, LADOTD, All Districts, LA. Traffic Engineering Technician/Traffic Engineering Intern. Reviewed all speed studies at LADOTD for compliance with Traffic Engineering Manual and MUTCD requirements while focusing on safety. Updated ArcGIS maps for tracking speed studies as they were approved

Survey and R/W Engineers

Firm employed by. 

Name	Karla E. Weston, PE		Years of relevant experience with this employer	20
Title	Principal Engineer		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization			BS / 1999 / Civil Engineering	
Active registration number / state / expiration date			PE.31010 / LA / Exp. 03/2028	
Year registered	2004	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Survey & R/W Maps	



Ms. Weston's 25 years of experience with LADOTD and other municipal entities on transportation projects provides her the knowledge and ability to oversee the firm's role as a sub-consultant and guarantee the work is completed to LADOTD standards.

Experience dates	Experience and qualifications relevant to the proposed contract
02/16 – 09/19	Pecue Lane/I-10 Interchange, LADOTD, Baton Rouge, LA. <i>Principal-in-Charge</i> for the firm's role as a sub-consult for the engineering design services including survey of the West Bound on Ramp to I-10, the West Bound Off Ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. Worked to oversee the firms design, coordinate with the prime consultant and government agencies.
12/13 – 10/19	Gramercy Bridge, LADOTD, St. James Parish, LA. <i>Principal-in-Charge</i> for the firm's role as a subconsultant for the engineering design elements of the plans including survey, Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project.
02/14 – 02/15	I-49 Design Build, LADOTD, Lafayette, LA. Provided QA/QC review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Corridor.
05/13 – 05/14	LA 1 Railroad Bridge at DOW, LADOTD WBR Parish, LA. <i>Principal-in-Charge</i> for the firm's role as a sub-consult for the engineering design elements of the plans including survey, Hydraulic Analysis and Design, Typical Sections , and Graphical Grades for the project. Has worked to oversee the firms design and coordination with prime consultant team.
01/06 – 12/12	City/Parish Project No. 06-CS-HC-0018, Fairchild-Badley Roadway, East Baton Rouge Parish, LA. <i>Principal in Charge</i> for this project that was approx. 1.25 miles in length along Fairchild-Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the upgrade to the existing narrow roadway to a typical section of 2-11' lands with a 2' barrier curb and gutter, and a 6' adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of the project as well.
03/12 – 07/12	Sunshine Bridge Phase 2, LADOTD, LA. <i>Project Manager and Engineer</i> for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.

05/11 – 04/12	Red River – Jackson Street Bridge, Alexandria, LA. <i>Project Manager and Engineer</i> for CD&C's portion of this Bridge Rehab Retainer Contract project. CD&C provided the Traffic Control design plans including detour maps of local road network for the replacement of the Jackson Street Bridge over the Red River.
06/12 – 10/12	Paths 2 Progress. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 33. <i>Principal-in-Charge/Project Manager</i> for this roadway rehabilitation project of roads in Jefferson Parish. This included field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
12/11 – 4/12	Consulting Services for the Permanent Repair to Federal Aid Eligible Roads as a Result of Damage due to Hurricane Katrina in 2005. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 29. <i>Principal-in-charge/Project Manager</i> for this project which included survey, field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.

Firm employed by. 			Meets MPR No. 4
Name	Chris Ballard, PLS	Years of relevant experience with this employer	9
Title	Survey Manager	Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization	BS / 2004 / Civil Engineering / Biological Science, Southern Louisiana State University		
Active registration number / state / expiration date	PLS. 5033 / LA / Exp. 09/2026		
Year registered	2010	Discipline	Land Surveyor
Contract role(s) / brief description of responsibilities	Survey & R/W Maps		
	Mr. Ballard serves as the Survey Manager for this project. He will work to oversee the project stays on schedule, aid in both crew coordination and office production, and provide final QC on the firm's deliverable to the Prime Consultant. Mr. Ballard has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures . He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.		
Experience dates	Experience and qualifications relevant to the proposed contract		
12/23 – 05/23	LA 347 Drainage Improvements, LADOTD, LA. Survey Manager. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	I-20 UPPR, North Louisiana, LADOTD, LA. Survey Manager. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
09/18 – 01/20	I-10 LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LADOTD, LA. Survey Manager. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.		
04/17 – 07/17	LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), LADOTD, Terrebonne Parish, LA. Survey Manager for this project which included a complete topographic survey, utility coordination , channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.		
02/19 – 09/19	Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA. Survey Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of two bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures.		

01/17 – 12/17	East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA. <i>Survey Manager.</i> In 2017, CD&C performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Served as Survey Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.
10/16 – 11/16	LA 443: Tangi River Bridge Replacement, LADOTD, Tangipahoa Parish, LA. <i>Project Manager.</i> Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data , verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks.
09/17 – 09/17	District 62 Bridges, LADOTD, Livingston and Tangipahoa Parishes, LA. <i>Survey Manager</i> for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D Terrestrial Scanning.
10/15 – 12/18	I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA. Served as the <i>Survey Project Manager</i> on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.

Firm employed by. 			Meets MPR No. 4	
Name	Madison Mills, PLS		Years of relevant experience with this employer	4
Title	Survey Project Manager		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		BS / 2016 / Civil Engineering		
Active registration number / state / expiration date		PLS. 5293 / LA / Exp. 03/2027		
Year registered	2022	Discipline	Land Surveyor	
Contract role(s) / brief description of responsibilities		Survey & R/W Maps		
		Mr. Mills has recently been licensed as a Professional Land Surveyor. He serves as a Survey Technician and assistant PM for CD&C working to manage field crews, process field crew data, and finalize deliverables.		
Experience dates		Experience and qualifications relevant to the proposed contract		
12/24 – 04/25		LA 317 - Wax Lake B., LADOTD, LA. Survey Project Manager. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
10/24 – 01/25		US 190 R Cuts @ LA741, LADOTD, LA. Survey Project Manager. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
12/23 – 05/23		LA 347 Drainage Improvements, LADOTD, LA. Survey Project Manager. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23		LA 106, LADOTD, LA. Survey Project Manager. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23		LA 685, LADOTD, LA. Survey Project Manager. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23		LA 14 Business LADOTD, LA. Survey Project Manager. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23		I-20 UPPR, North Louisiana, LADOTD, LA. Survey Project Manager. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		

08/22 – 02/23	Louisiana Watershed Initiative Region 5 – Task Order 3, LA. <i>Survey Project Manager</i> this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.
01/22 – 11/22	Louisiana Watershed Initiative Region 5 – Task Order 2, LA. <i>Survey Project Manager</i> this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.
09/21 – 03/22	Southern University Ravine Protection, East Baton Rouge Parish, LA. <i>Survey Technician</i> for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning..
08/21 – 08/22	St. Mary Street Sidewalks; Scott, LADOTD, LA. <i>Survey Tech</i> for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.
02/21 – Ongoing	Groom Road – LA 19 to LA 67 (MoveBR), , LA. <i>Survey PM</i> on this project including full topography and utility coordination for approximately 2.6 +/- miles of roadway. Duties included helping manage crews, processing field data, creating punch lists, and helping compile all data for final submittal to the client as well as preparing ROW mapping for the corridor. Topography and Phase 1 ROW Maps were completed in 12/22. Phase 2 ROW Maps is pending.
07/23– Ongoing	College Drive (MoveBR), LA. <i>Survey PM</i> on the Move BR project. This project includes full topography and utility coordination for approximately 20 acres. Helped compile the final submittal to the client as well as helping in the preparation of ROW Mapping for Phase 1. Phase 1 ROW Mapping was completed in 5/25, Phase 2 is ongoing.
10/23 – Ongoing	H.011235 I-49 South @ Verot School Rd., LA. <i>Survey PM</i> on this project for ROW Mapping supplement phase of this project. The project scope includes the proposed widening of US 90/I-49 South and realignment of Verot School Road. CD&C was supplemented in 2023 to begin property surveys and to continue thru Final ROW map phases. Has overseen all phases of the ROW maps for this project.
06/25 – Ongoing	H.014041 LA92 ROW, LA. <i>Survey PM</i> on this project for ROW Mapping phase of this project. The topographic survey was performed by another firm, and in 2025 CD&C was tasked to perform all ROW mapping services from property surveys thru Final ROW Maps. Has overseen all phases of the ROW maps for this project.

Firm employed by. 

Name	Chancey Cothren, LSI	Years of relevant experience with this employer	1.5
Title	Land Survey Intern	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization	BS / 2023 / Geomatics		
Active registration number / state / expiration date	LSI.0000776 / LA / Exp. 03/31/2028		
Year registered	2023	Discipline	Land Surveying Intern
Contract role(s) / brief description of responsibilities	Survey & R/W Maps		



Mr. Cothren is a Land Surveying Intern. He will help manage field crews, process field crew data, and finalize deliverables.

Experience dates	Experience and qualifications relevant to the proposed contract
12/24 – 04/25	LA 317 - Wax Lake B., LADOTD, LA. Survey Technician. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	US 190 R Cuts @ LA741, LADOTD, LA. Survey Technician. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
06/23 – 08/23	LA-22, LADOTD, LA. Survey Crew that performed the topographic survey. The survey was just over two miles along I-10 and two miles along LA – 44. Data was collected using lidar and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.
11/23 – 12/23	Gause Blvd / EI-10 Service Road, LADOTD, LA. Survey crew that performed the topographic survey. The survey was just over two miles along EI-10 Service Rd. This project was completed using GPS and Total Station. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – 09/22	Mississippi River Hydrographic Survey, USACE, LA. Survey Crew that performed hydrographic surveys to locate any submerged obstructions in portions of the river. This project was completed using magnetometers and USV's.
08/23 – 09/23	Mississippi River Revetment Restoration, USACE, LA. Survey Crew that performed the surveys needed to locate how much dirt needed to be removed when shaping the levee for the placement of the new revetments. This Project was completed to Louisiana Survey Standards and practices.
06/23 – 08/23	LA-22, LADOTD, LA. Survey Crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.

08/23 – 10/23	I-10 / LA-44, LADOTD, LA. <i>Survey Crew</i> that performed the topographic survey. The survey was just over two miles along I-10 and two miles along LA – 44. Data was collected using lidar and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.
11/23 – 12/23	Gause Blvd / EI-10 Service Road, LADOTD, LA. <i>Survey Crew</i> that performed the topographic survey . The survey was just over two miles along EI-10 Service Rd. This project was completed using GPS and Total Station. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – 09/22	Mississippi River Hydrographic Survey, USACE, MS. <i>Survey Crew</i> that performed hydrographic surveys to locate any submerged obstructions in portions of the river. This project was completed using magnetometers and USV's.

Firm employed by. 

Name	Bryan Bergeron	Years of relevant experience with this employer	2.5
Title	Survey Technician	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization	BS / 2022 / Civil Engineering		
Active registration number / state / expiration date	ATSSA Flagger / ATSAA Traffic Control Supervisor		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Survey & R/W Maps		



Mr. Bergeron serves as a Survey Technician and helps manage field crews, process field crew data and finalize deliverables.

Experience dates	Experience and qualifications relevant to the proposed contract
12/23 – 05/23	LA 347 Drainage Improvements, LADOTD, LA. Survey Technician. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	LA 14 Business, LADOTD, LA. Survey Technician. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Helped manage crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	LA 685, LADOTD, LA. Survey Technician. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Helped manage crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 - 08/23	LA 3073, LADOTD, LA. Survey Technician. Topographic Survey for just over 4,000 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
08/23 – 12/23	Sauvage Avenue and Caddy Drive Bridges, LADOTD, LA. Survey Technician. Topographic Survey for just over 2160 feet of roadway. Traditional means and methods were used to collect topographic data for this bridge improvement projects. Helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.

08/23 – 12/23	Park Road Over Lagoon, LADOTD, LA. <i>Survey Technician.</i> Topographic Survey for just over 1040 feet of roadway. Traditional means and methods were used to collect topographic data for this bridge improvement project. Helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
05/24 – Ongoing	MOVEBR Lobdell Intersection, LA. <i>Survey Technician.</i> Topographic Survey for just over 1030 feet of roadway. Traditional means and methods are used to collect topographic data for this Property boundary survey. Help manage crews, process field data, create punch-lists, and help complete the final deliverables to the client. Project will be completed to MOVEBR City-Parish Standards and practices.
07/24 – Ongoing	MOVEBR Bayou Duplantier Boundary, LA. <i>Survey Technician.</i> Topographic Survey for 200 acres of floodplains. Traditional means and methods are used to collect topographic data for this Property boundary survey.

Construction Engineer

Firm employed by.



Name	Thomas Landry, PE		Years of relevant experience with this employer	1
Title	Senior Traffic / Transportation Engineer		Years of relevant experience with other employer(s)	33
Degree(s) / Years / Specialization			BS / 1985 / Civil Engineering, LSU Baton Rouge	
Active registration number / state / expiration date			PE.0023842 / LA / Exp. 09/30/2026	
Year registered	1990	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Constructibility / Maintainability Review	
Experience dates	Experience and qualifications relevant to the proposed contract			
	Mr. Landry has eight years of experience as a Project Engineer with LADOTD District 61, six years of experience as the District Construction Engineer for LADOTD District 61, and 12 years of experience as an Area Engineer with LADOTD District 62. He has experience with contract administration on asphaltic concrete overlay projects, concrete pavement reconstruction projects, interstate widening projects, and bridge replacement projects. projects. Mr. Landry also has considerable experience in highway maintenance and operations from his tenure as a LADOTD Area Engineer.			
10/15 – 12/18	LA 447 / I-12 Interchange LADOTD, Livingston Parish, LA. Area Engineer. Provide construction management services for LADOTD on interchange improvement project that includes the construction of two roundabouts and ramp modifications. As construction manager, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.			
01/17 – 07/18	LA 10 Beaver Creek Bridge, LADOTD, St. Helena Parish, LA. Area Engineer. Provide construction management services for LADOTD on bridge replacement project. As construction manager, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.			
7/17 – 04/18	LA 447, LA 1029 – Westcoll Road Turn Lanes, LADOTD, Livingston Parish, LA. Area Engineer. Provide construction management services for LADOTD on project to add a left turn lane to LA 447 for Westcoll Road. As construction manager, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.			
7/14 – 12/17	LA 16 @ LA 22, Install Roundabout, LADOTD, Livingston Parish, LA. Area Engineer. Provide construction management services for LADOTD project including drainage improvements and roundabout construction. As construction manager, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.			
06/16 – 07/17	US 190, E. Baton Rouge Parish Line – W. Jct. LA 16, LADOTD, Livingston Parish, LA. Area Engineer. Provide construction management services for LADOTD project including drainage improvements, full depth patching and asphaltic concrete overlay. As construction manager, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.			

07/15 – 06/17	LA 3002, LA 1034 – US 190, LADOTD, Livingston Parish, LA. Area Engineer. <i>Provide construction management services for LADOTD project including drainage improvements, cold planning, asphaltic concrete overlay, and concrete patching. As construction manager, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.</i>
11/15 – 08/16	LA 1027, E. End W. Colyell Bridge – LA 447, LADOTD, Livingston Parish, LA. Area Engineer. <i>Provide construction management services for LADOTD project including drainage improvements, cold planning, and asphaltic concrete overlay. As construction manager, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.</i>
11/13 – 01/16	I-12, Walker to 0.5 West of Satsuma, LADOTD, Livingston Parish, LA. Area Engineer. <i>Provide construction management services for LADOTD project including drainage improvements, ramp modifications, interstate roadway & bridge widening, and median barrier. As construction manager, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.</i>
06/14 – 06/15	LA 444, Gum Swamp Road – LA 22, LADOTD, Livingston Parish, LA. Area Engineer. <i>Provide construction management services for LADOTD project including drainage improvements, base stabilization, and asphaltic concrete overlay. As construction manager, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.</i>
04/13 – 12/14	US 190, W. Jct LA 63 – Tangipahoa Line, LADOTD, Livingston Parish, LA. Area Engineer. <i>Provide construction management services for LADOTD project including drainage improvements, full depth patching, and asphaltic concrete overlay. As construction manager, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.</i>
10/11 – 02/14	I-12, LA 1026 – LA 447, LADOTD, Livingston Parish, LA. Area Engineer. <i>Provide construction management services for LADOTD project including drainage improvements, ramp modifications, interstate roadway & bridge widening, and median barrier. As construction manager, responsibilities include overseeing all aspects of construction and inspection including providing engineering support to the contractor during construction, directing field inspectors, and maintaining project documentation required by LADOTD.</i>

Value Added Services / Additional As-Needed

Firm employed by.



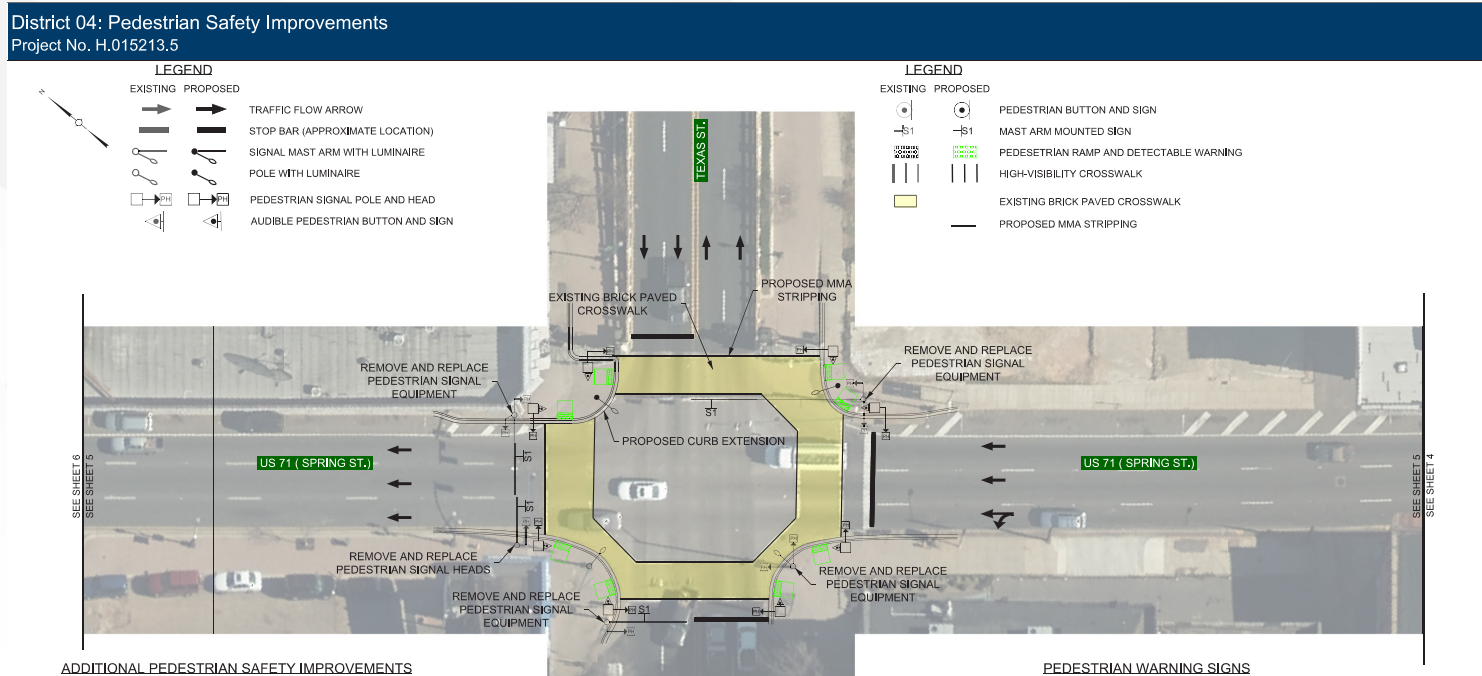
Name	Kirk Lowery, PE, BC.GE		Years of relevant experience with this employer	13
Title	Geotechncal Engineer		Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization			MS / 2000 / Civil Engineering BS / 1987 / Civil Engineering	
Active registration number / state / expiration date			PE. 25665 / LA / Exp. 09/30/2026	
Year registered	1994	Discipline	Civil Engineer, Environmental Engineer	
Contract role(s) / brief description of responsibilities			Geotechnical Engineer	
			Mr. Lowery has 38 years of geotechnical planning, design, and construction experience. He has served as the geotechnical task lead ranging from preliminary design alternatives and assessment of levees, earthen dams, and concrete dams to mitigation recommendations for unstable slopes using remedial measures such as deep soil mixing and compacted stone columns. He has experience performing Flood Risk Management, Aquatic Ecosystem Restoration and Coastal Storm Risk Management projects. Training: Geostudio (SLOPE/W, SEEP/W, SIGMA/W) workshop, ENSOFT (LPile, APile, GROUP, PYWall) workshop, OpenGround USACE workshop.	
Experience dates			Experience and qualifications relevant to the proposed contract	
05/04 – 02/06			Louisiana TIMED Management Program throughout Louisiana, LADOTD, LA. Project Leader for the <i>geotechnical investigation</i> of 14 separate Louisiana Timed Projects along Louisiana Highways 165, 167 and 425. Responsible for preparing all proposals and verifying that all geotechnical work and design were completed in accordance with LADOTD guidelines. These projects included drilling, sampling, <i>geotechnical testing, and geotechnical design</i> for new bridges over waterways and railroad bridges, new roadway embankments, and large excavations. <i>Geotechnical recommendations</i> were provided for post-tension, precast concrete bridge piles, drilled shafts, slope stability for embankments and excavations, settlement analyses of embankments, surcharge loading of embankments, possible wick drains for large embankments, settlement monitoring plans for large embankments, possible dewatering requirements for large excavations, and constructability considerations.	
08/09 – 07/11			Comite Diversion Project – US Highway 61, Baton Rouge, LA. Civil Geotechnical Engineer. Lead Geotechnical Engineer for two new, permanent, highway bridges, including approaches; a temporary highway bypass (on grade); a new, permanent railroad bridge; a temporary shoofly (by-pass on grade); and USACE channel design, including disposal areas, and dewatering as required. <i>Coordinated geotechnical</i> efforts with LADOTD and proposed additional CPTs and borings to accommodate FHWA's LRFD standards. Additionally, design of the railroad bridge and shoofly required the use of American Railway Engineering and Maintenance-of-way Association (AREMA) standards. The team provided quality control for the field and laboratory testing and conducted geotechnical analysis including slope stability, settlement, pile design using FHWA's LRFD and AREMA standards, retaining wall analysis for the railroad crash wall, and slope protection recommendations.	
02/09 – 1/14			Western Tie-In U.S. Highway 90, Jefferson Parish, LA. Civil Geotechnical Engineer. Arcadis supported USACE by completing final engineering design plans and specifications for a floodwall crossing U.S. Highway 90. In addition to designing the floodwall, an approximate 2,540-foot-long bridge was designed in accordance with FHWA's LRFD standards. Kirk was the Geotechnical Task Manager for the final design. The geotechnical team reviewed existing <i>geotechnical borings and CPTs, did preliminary geotechnical analysis</i> and determined an additional boring and CPTs were necessary to meet FHWA's LRFD	

	standards. The team provided quality control for the field and laboratory testing and conducted geotechnical analysis including slope stability, settlement, seepage, levee design, pile design, T-wall design, evaluating downdrag issues on piles due to fill placement and assisted in preparing plans, specifications, cost estimates, and report documentation of design alternatives. Led Arcadis' team to develop pile load test plans and specifications and provide an evaluation with recommendations of the pile load tests.
09/19 – Ongoing	Rio Puerto Nuevo Channel (2D/2E) and Roosevelt Avenue Bridge Replacement (2B) Design, San Juan, PR. <i>Civil Geotechnical Engineer.</i> Provided geotechnical QC review of all design submittals of a 1.1-mile channel wall segment capable of resisting seismic loading on the Rio Puerto Nuevo. Provided geotechnical and structural design as well as extensive construction sequencing drawings for the drilled shaft cantilevered channel tangent walls, a utility 36-in siphon structure and coffer cells, inlet and drop structures, channel excavation, bridge superstructure and abutments, utility penetrations through channel walls, and a utility bridge to carry a 48-in potable watermain pipe over the canal. Currently, the project is in construction.
01/15 – 11/15	Louisiana Coastal Area Beneficial Use of Dredged Material (BUDMAT) Program, Plaquemines Parish, LA. <i>Civil Geotechnical Engineer.</i> Geotechnical task leader of the selected option of this project to construct roughly 80 acres of marsh and ridge via hydraulic dredging, transport over 10 miles, and placement of approximately 1.7 million cubic yards of material from the Mississippi River near Spanish Pass. As part of the evaluation and design, borings were taken to determine an excavation plan for routing the dredge pipe under Tide Water Road in Venice, Louisiana. Assessed the civil layout based on right-of-way, overhead clearance and the existing structures along the roadway, and then he analyzed the required sheeting needed to keep the excavation open.
12/15 – Ongoing	Mecca Impoundment Design, Palm Beach County, FL. <i>Civil Geotechnical Engineer.</i> Geotechnical Lead for the analysis and development of the design for a proposed aboveground water storage reservoir to benefit the Loxahatchee River, a national Wild and Scenic River in northern Palm Beach County. Project responsibilities included overseeing the delivery of the geotechnical data report, geotechnical technical memoranda, and a final geotechnical engineering report that summarized the technical memoranda. The field investigation included 24 initial and four supplementary borings, 44 piezometers/wells, field permeability testing, and geotechnical laboratory testing.
04/18 – 08/25	C-139 Flow Equalization Basin Design, Hendry County, FL. <i>Civil Geotechnical Engineer.</i> Performed geotechnical analysis and design using geotechnical modelling data, geotechnical laboratory testing, installation of piezometers, and slug tests of the piezometers. Analyzed seepage, slope stability, and erosion protection of the internal and external containment berms and designed recirculation channels for seepage and the foundation design of the inlet / outlet structures. Kirk oversaw the geotechnical investigations and prepared boring logs , performed logging in gINT, and coordinated lab testing. The soil borings included field standard penetration testing.
05/19 – Ongoing	Helena Levee / Floodwall Design, Phillips County, AR. <i>Civil Geotechnical Engineer.</i> Led geotechnical evaluation and design of floodwall. Reviewed historical borings and performed seepage, slope stability and settlement analysis to determine depth of sheet pile needed and to mitigate the unstable slope. Design of the replacement of 3,700 linear feet concrete floodwall and 2 gates on the Mississippi River. The design required the preparation of 100% construction plans and specifications. Developed geotechnical design conditions based on investigations of the subsurface conditions that included previous investigations provided by USACE and current investigation conducted by Arcadis. Currently, the project is being advertised.

SECTIONS

17

Proposed Safety Countermeasures developed under
our Safety Studies IDIQ.



Arcadis Past Performance Review:
Safety Studies IDIQ - 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 Highway Safety Section

Firm name			Past Performance Evaluation Discipline(s)*	Road, Traffic, Planning, Environmental
Project name	New Orleans Pedestrian Safety Improvements		Firm responsibility (prime or sub?)	Prime
Project number	H.012312.1	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	Orleans Parish, 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)	04/16	Total consultant contract cost (\$1,000's)	\$320	
Services completed by this firm (mm/yy)	09/18	Cost of consultant services provided by this firm (\$1,000's)	\$307	

Firm's Role: LADOTD in partnership with the New Orleans Regional Planning Commission (NORPC) tasked Arcadis with completing a pedestrian safety feasibility study of 20 intersections located in Orleans Parish. NORPC identified the candidate intersections through a detailed Pedestrian Safety Action Plan (PSAP) investigation.

Firm Members Involved: Ari Deitch, Akhil Chauhan

Safety Study and Documentation: The Arcadis team conducted the studies in accordance with DOTD's Stage 0: Manual of Standard Practice, and DOTD's Traffic Signal Manual. Stage 0 documentation, including Preliminary Scope and Budget and Environmental Checklists, were completed for all 20 intersections.

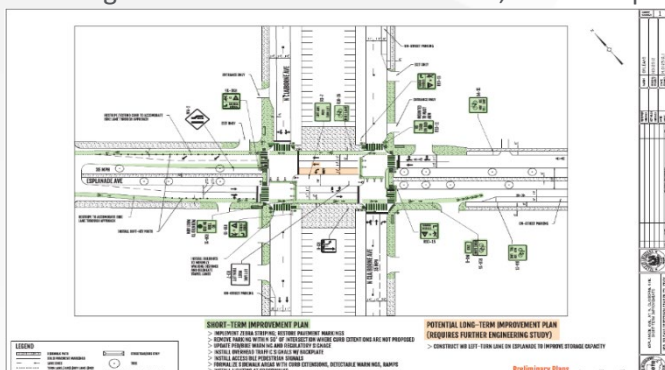


Figure: Design of short-term (green) and long-term (orange) implementable solutions for high-priority project intersection

Needs Assessment: Arcadis evaluated three years of crash data to identify crash trends, overrepresented crashes, High PSI Locations, etc. Site visits were performed to document the user experience from a ped/bike perspective, assess the condition of existing infrastructure, and identify safety concerns.

Alternative Development & Preliminary Design Plans: Improvements focused on pedestrian and bicycle safety and included signal improvements, **striping & signing improvements, lighting improvements, sidewalk/crosswalk improvements, curb extensions, traffic calming,**

ADA compliant curb ramps, and parking modifications. Improvements were segmented into short-term and long-term alternatives based on the cost and time needed to implement. Complete streets and **context sensitive solutions** were an important aspect of alternative development due to the historic nature of the area. **Preliminary design plans, cost estimates,** and benefit-costs were developed for each intersection to determine the feasibility of implementing the proposed alternatives and to inform project prioritization.

Stakeholder Engagement: A critical component of the project was the need to engage a wide range of project stakeholders from the NORPC, City of New Orleans, LADOTD, and District 02. Arcadis conducted routine workshop sessions to review proposed improvements and **confirm** that all team members were in agreement.

Relevant Services

- Stage 0 Feasibility Study
- Data Collection
- Historical Crash Analysis
- Highway Safety Manual Analysis
- Warrant Analysis
- Alternative Development
- Preliminary Design Drawings
- Construction Cost Estimates
- Stakeholder/Agency Coord.
- Stage 0 Checklists



Figure: High visibility crosswalk and pedestrian refuge installed at I-10 Service Road and Read Boulevard

Firm name	ARCADIS		Past Performance Evaluation Discipline(s)*	Road, Planning, Traffic
Project name	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, 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

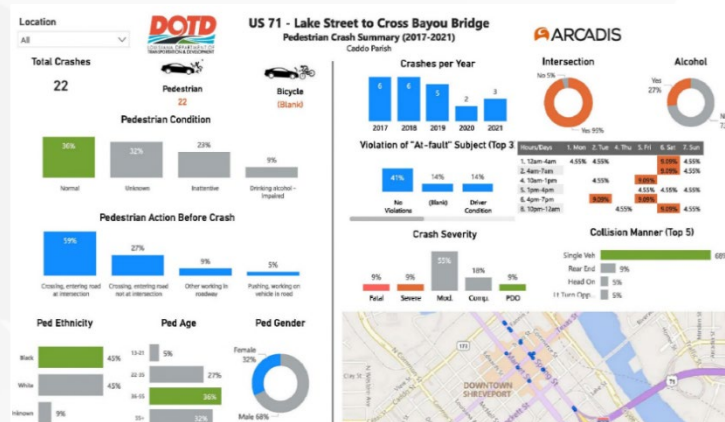


Figure: Custom Dashboard showing Historical Pedestrian Crash summary (2017-2021) on US 71 in Downtown Shreveport.

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

Project Methodology: The project utilized a methodology similar to that of a Road Safety Assessment. Detailed historical 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 project.

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.

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.

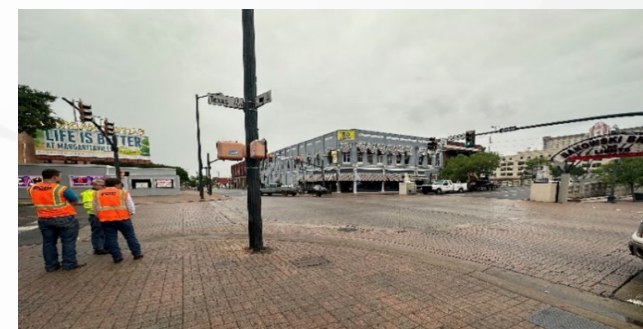


Figure: On-Site Field Review of Project Site with High Potential for Pedestrian Safety Improvements

Firm name	ARCADIS		Past Performance Evaluation Discipline(s)*	Road, Traffic, Planning
Project name	IDIQ for Safety Studies			Firm responsibility (prime or sub?) Prime
Project number	4400004404	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	Statewide, 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)	08/14	Total consultant contract cost (\$1,000's)		\$1,250
Services completed by this firm (mm/yy)	03/21	Cost of consultant services provided by this firm (\$1,000's)		\$1,085

Firms Role: Arcadis performed traffic and safety projects to identify countermeasures and evaluate project feasibility.

Firm Members Involved: Akhil Chauhan, Thomas Montz, Ari Deitch, Jose M. Rodriguez, Max Aguirre, Garret Keller, Meredith Guidry, Justin Maderia, Sridhar Basetty

I-49 Interchange Safety Improvements Task Order, Lafayette Parish

- Collected traffic count data and conducted traffic analysis for existing and future years. Analysis utilized Vistro and Sidra software. Developed optimized signal timing plans.
- Reviewed crash reports and conducted historical crash analysis to identify safety deficiencies.
- Developed alternatives that seek to address operational and safety needs along I-49 and at interchange locations.
- Provided Stage 0 Documentation including *Preliminary Scope and Budget* and Environmental Checklists.

Joe Sevario/Roddy Road Intersection Evaluation Task Order, Ascension Parish

- Collected traffic and pedestrian count data along the corridor to determine existing operating conditions.
- Field investigation* of potential construction obstacles, location of existing utilities (public and private), location of existing right-of-way markers, and mapping of existing drainageways and drainage patterns.
- Analyzed different intersection control options – unsignalized channelized turns, J-turns, signal, roundabouts.
- Developed preliminary geometric layouts and cost estimates for potential safety improvements. The *cost estimates included costs associated with engineering, environmental, construction, right-of- way acquisition/ relocation, utility relocation, and contingencies.*

Baton Rouge Pedestrian and Bicycle Safety Action Plan and Road Safety Assessments Task Order; East Baton Rouge Parish

- Developed safety action plan that identified 10 locations with highest risk of pedestrian and bicycle crashes.
- Conducted *Road Safety Assessments* using a multi-disciplinary team of transportation engineers.
- Developed *safety countermeasures* to address operational and safety needs.
- Coordinated closely with LADOTD, District, and Stakeholders to develop context sensitive solutions.

Relevant Services

- Crash History & Safety Analysis
- Traffic Modeling
- Traffic Signal Improvements
- Data Collection
- Corridor and Intersection Studies
- Pedestrian & Bicycle Improvements
- Alternative Development
- Conceptual Drawings
- Construction Cost Estimates
- Predictive Safety Analysis
- Benefit-Cost Analysis
- Stage 0 Documentation



Figure: Proposed short-term safety improvements at I-49/Veterans Drive Interchange.

Firm name	ARCADIS		Past Performance Evaluation Discipline(s)*	Road, Traffic
Project name	Safety Design IDIQ - US 90 Ramps at LA 88 Roundabouts		Firm responsibility (prime or sub?)	Sub
Project number	H.011495	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	New Iberia Parish, LA		Owner's Project Manager	Brent Domingue
Owner's address, phone, email	428 Hugh Wallis Rd, Lafayette, LA 70508, 337 262 6210, christopher.domingue@la.gov			
Services commenced by this firm (mm/yy)	11/16	Total consultant contract cost (\$1,000's)	\$549	
Services completed by this firm (mm/yy)	05/20	Cost of consultant services provided by this firm (\$1,000's)	\$504	

Firms Role: Arcadis was tasked to prepare *preliminary and final roadway plans* to install two single lane roundabouts at the US 90 ramp intersection with LA 88 in Iberia Parish. The project also included modifying the LA 88/Service Road intersections to restricted crossing U-turn (RCUT) intersections. The installation of the roundabouts is aimed at promoting mobility and safety along the corridor.

Firm Members Involved: David Fulks, Buddy Porta, Ari Deitch, Max Aguirre, Akhil Chauhan

Relevant Services

- Preliminary and Final Design Plans
- Alternative Intersection Design
- Construction Cost Estimates
- Safety Design
- Agency Coordination

Preliminary and Final Design Plans: Arcadis performed all engineering services for this task order to develop a full set of preliminary and final construction plans, including InRoads modeling of the roundabouts, as a pass-through from Aucoin & Associates under their safety design retainer contract. The *design was prepared in accordance with the LADOTD Design Guidelines, Roadway Design Procedures and Details Manual and all applicable DOTD EDSMs, AASHTO and FHWA guidelines*. The roundabouts were designed to accommodate a WB-67 design vehicle. Restricted crossing U-turn (RCUT) intersections were designed for the adjacent service roads to enhance safety and adhere to LADOTD's control of access policy. Both the roundabouts and RCUT intersections *provide significant reductions in conflict points and expected number of crashes*.

Construction Cost Estimates: Arcadis prepared engineer's *construction cost estimates* for the project.

Roundabout design and signing plan at interchange ramps to enhance safety and operations

Best Practice: The project team held several design review meetings throughout preliminary plan and final plan development to more *closely coordinate with LADOTD District 03 and headquarters personnel* prior to proceeding into subsequent design phases. The goal of this team coordination was to confirm all project team members agreed with proposed geometry prior to spending significant time proceeding into the subsequent design phases.



Completed construction of roundabout and safety improvements at US-90 and LA-88 Interchange

Firm name	ARCADIS		Past Performance Evaluation Discipline(s)*	Road, Planning, Traffic
Project name	LA 3235 Stage 0 Safety Improvements		Firm responsibility (prime or sub?)	Prime
Project number	H.010688.1	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	Lafourche Parish, LA		Owner's Project Manager	April Renard
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225 379 1919, april.renard@la.gov			
Services commenced by this firm (mm/yy)	10/13	Total consultant contract cost (\$1,000's)		\$473
Services completed by this firm (mm/yy)	03/15	Cost of consultant services provided by this firm (\$1,000's)		\$315

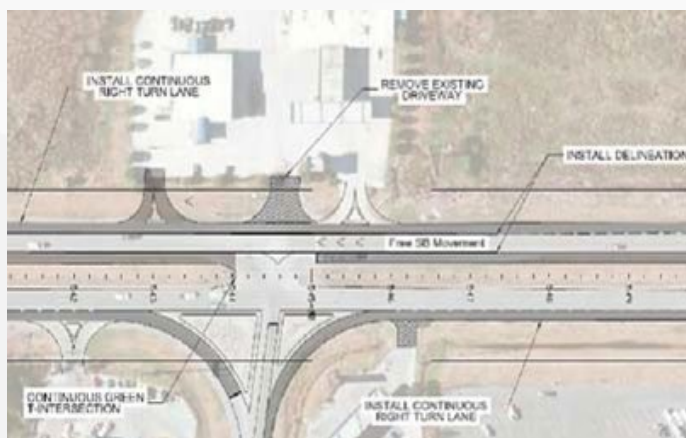


Figure: Proposed Access Management and Intersection Improvements to Reduce Conflict Points on LA 3235

Firms Role: The Arcadis team performed a formal corridor/intersection and Stage 0 Safety Feasibility Study evaluation to enhance mobility and safety on the LA 3235 corridor.

Firm Members Involved: Akhil Chauhan, Ari Deitch, Justin Maderia, David Fulks

LA 3235 is a high-speed corridor with heavy truck traffic, clustered commercial and residential land use, full access median openings, and a history of high crash severity. Several fatalities have occurred on the facility during the 3-year analysis period. The goal of the study was to **identify safety countermeasures** that seek to address safety deficiencies and improve the overall safety and mobility of the corridor.

Relevant Services

- Historical Crash Analysis
- Traffic and Signal Warrant Analysis
- Innovative Intersections
- Safety Countermeasures
- Geometric Design / Layouts
- ROW and Environmental Impacts Assessment
- Construction Cost Estimate
- Public / Stakeholder Involvement

Stage 0 Safety Feasibility Study: Arcadis conducted a Stage 0 feasibility study to evaluate the viability of safety improvement alternatives and countermeasures. The study involved traffic data collection and analysis, historical crash analysis, predictive safety methods, **alternative development, cost estimates**, public and stakeholder meetings, and Stage 0 checklists. Arcadis employed advanced Highway Safety Manual methodologies to evaluate the effectiveness of proposed alternatives in addressing crashes.

Alternative Development / Evaluation: Alternatives focused on the use of **access management and innovative intersections to reduce conflict points** and speed differentials that are contributing to crashes. Design features were developed in accordance with LADOTD minimum guidelines such as EDSM VI.3.1.6, "Installation of New Traffic Signals," IV.2.1.4, "Median Openings on Divided Multi-Lane Roadways," and DOTD's "Access Connections Policy." **Preliminary design drawings** were developed to evaluate feasibility of alternatives and identify potential **right-of-way and environmental impacts**.

Safety benefits were estimated by conducting a predictive safety analysis using Safety Performance Functions and Crash Modification Factors.

Construction Cost Estimates: **Construction cost estimates** were generated for alternatives using **LADOTD historical bid information** and cost estimating tools. These estimates identified both construction and engineering costs as required in Stage 0 checklists.



Figure: Implemented Continuous Green-T Intersection Concept at LA 3235 and LA 3162

17 FIRM EXPERIENCE:

Firm name			Past Performance Evaluation Discipline(s)*	Survey
Project name	LA 317 - Wax Lake B		Firm responsibility (prime or sub?)	sub
Project number	H.014824.5	Owner's name	Department of Transportation and Development (DOTD)	
Project location	St. Mary Parish, LA		Owner's Project Manager	Adam Fields
Owner's address, phone, email	700 Main Street Baton Rouge, LA 70802 / 225 387 2422 / FieldsAdam@stanleygroup.com			
Services commenced by this firm (mm/yy)	12/24	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	04/25	Cost of consultant services provided by this firm (\$1,000's)		\$162

Firm Members Involved: Karla Weston, Madison Mills, Chancey Cothren, CJ Goodspeed

Firms Role: The scope of work consists of providing a complete topographic survey. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to **LADOTD Location and Survey Standards and practices.**

CD&C was a sub-consultant on this project and was responsible for a **complete topographic survey, utility coordination with utility companies to mark or provide record drawings and to provide an existing drainage map** to LADOTD Location and Survey standards.

The survey started 1.60 miles south of the intersection of LA 317 and US 90. The survey continued along US 90 for 2.3 miles north of the intersection of LA 182. The width of the survey was five feet behind the right of way to the apparent right of way of all crossing streams, canals, and 500 feet from any drainage structure.



17 FIRM EXPERIENCE:

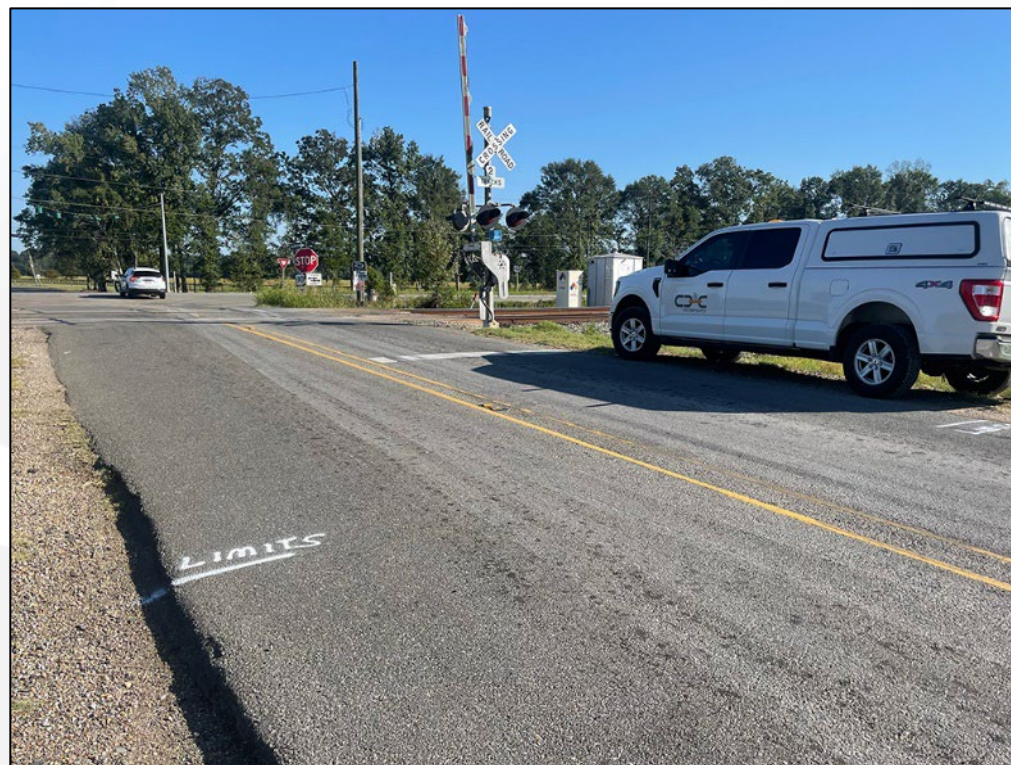
Firm name		Past Performance Evaluation Discipline(s)*	Survey
Project name	US 190 R-CUTs @ LA741	Firm responsibility (prime or sub?)	Sub
Project number	H.015849	Owner's name	Department of Transportation and Development (LADOTD)
Project location	St. Landry Parish, Port Barre, LA	Owner's Project Manager	Adam Fields
Owner's address, phone, email	700 Main Street Baton Rouge, LA 70802 / 225 387 2422 / FieldsAdam@stanleygroup.com		
Services commenced by this firm (mm/yy)	10/24	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	01/25	Cost of consultant services provided by this firm (\$1,000's)	\$92

Firm Members Involved: Karla Weston, Madison Mills, Chancey Cothren

Firms Role: The scope of work consists of providing a complete topographic survey. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.

CD&C was a sub-consultant on this project and was responsible for a **complete topographic survey, utility coordination with utility companies to mark or provide record drawings** and to provide an existing drainage map to LADOTD Location and Survey standards.

The survey started 1700 feet west of the intersection of the US 190 and LA 741. The survey then proceeded West along US 190. In addition, the survey was 10 feet north of the right of way line of US 190 to the toe of the Union Pacific Railroad. The survey then extended north along La 741 for 200 feet, then south from centerlines to a distance of 180 feet.



17 FIRM EXPERIENCE:

Firm name		Past Performance Evaluation Discipline(s)*	Survey
Project name	Verot School Road	Firm responsibility (prime or sub?)	sub
Project number	H.011235	Owner's name	DOTD
Project location	Lafayette, LA	Owner's Project Manager	Thomas Gattle
Owner's address, phone, email	922 W. Point Des Mouton Rd., Lafayette, LA 70507/337-234-3798/tgattle@huvalassoc.com		
Services commenced by this firm (mm/yy)	08/16	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$435

Firm Members Involved: Karla Weston, Christopher Ballard, Madison Mills

Firm's Role: CD&C performed a complete **topographic survey** of the project site by using 3D Terrestrial Scanning in conjunction with traditional means to complete the survey. Control was set for the scanning throughout the project limits. CD&C also coordinated with all the property owners for access to the properties and also meet with safety advisors for the industrial business that were impacted. The survey included coordination with the ongoing I-49 Connector project and merging of that survey to the CD&C survey in order to make a complete project for the area. CD&C also researched and compiled existing right of way linework for the prime consultant to use for exhibits for the project. In order to complete the survey CD&C also had to coordinate with BNSF railroad for access to BNSF's rail. CD&C also performed all phases of **ROW mapping**.

Project Description: This project is located in Lafayette Parish between Lafayette Regional Airport and Broussard, LA. The project is for the proposed widening of US 90/I-49 South and realignment of Verot School Road. A topographic survey was performed along the entire proposed route as well as an existing drainage map. This included a complete **topographic survey of all utilities with depths, drainage and finished floor elevations** of all buildings that fell within the designated survey limits. Also, CD&C was required to coordinate with the topographic survey of the adjacent I-49 Connector project and include required portions of the I-49 Connector project with the survey of this project. CD&C was supplemented in 2023 to complete ROW mapping phases including property survey through final **ROW maps**.



SECTIONS

18

Our approach is based on comprehensive experience of our local and highly-qualified, multi-disciplinary people performing to highest quality standards on DOTD Safety Studies and Design projects for more than 10 years.



People

20+ Staff committed to this contract with safety study and design experience.

5 Road Safety Professionals (RSP)

10 Professional Traffic Operations Engineers (PTOE)

4 Professional Transportation Planners (PTP)



Performance

Top Performance ratings: (in DOTD's former numerical rating system)

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

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

Roadway: **3.9/5**

Received positive performance reviews on past and current safety studies IDIQs



Projects

More than **25**
safety projects in
Louisiana

Arcadis Past Performance Review:
Safety Studies IDIQ - District 04 Pedestrian Safety Improvements

“One highlight of the project was the consultant’s coordination and communication with various project stakeholders such as local agencies and officials. They consistently followed up and used stakeholders time appropriately to solicit feedback and address concerns. Arcadis accommodated stakeholder feedback past the comment period and worked to deliver the project in a timely manner despite some delays.”

- Jessica DeVille, LADOTD Highway Safety Section



Project Understanding & Arcadis Team

Local Public Agencies (LPAs) such as municipalities, parishes, and school districts are eligible under two federal programs to help fund their transportation safety projects and programs. DOTD administers these program funds to certify compliance with federal law and regulations. This IDIQ contract supports the LPA Safety Programs by providing comprehensive engineering and related services for selected projects in Districts 02, 61, and 62, such as pedestrian enhancements, sidewalks, signing and pavement markings, and other road safety improvement projects.

The successful completion of task orders under this IDIQ contract will require an experienced multidisciplinary team that is familiar with all elements of the contract scope and is experienced in designing a range of low-cost safety improvements. **The Arcadis Team has completed over 25 safety projects in the last 15 years across the state** including pedestrian and bicycle improvements, and safety and mobility improvements for roads and intersections. Our past experience has allowed our team to develop working relationships with DOTD, stakeholders, and LPAs in all three Districts (02, 61, and 62), enabling our team to apply our understanding of local needs to develop feasible, context sensitive solutions.

Jose Rodriguez, PE will be the Project Manager for the Arcadis Team and will be supported by our multidisciplinary team, including survey subconsultant: **CD&C**. In addition to the team members presented in this proposal, the Arcadis Team includes redundancies in local and regional resources that can be utilized to **deliver multiple task orders simultaneously under this IDIQ** while meeting project schedules and managing team workload. We stand prepared to support DOTD in its goal to implement safety improvements.

Task Order Selection and Scoping

Throughout the IDIQ contract period, Arcadis will hold recurring meetings with the DOTD PM to discuss potential task orders. Arcadis plays a proactive role in identifying key stakeholders and organizing meetings as necessary to develop the scope of work for task orders. Understanding the project background and goals are a key focus of these scoping discussions as well as determining the proper approach to guarantee that the required tasks can be completed without supplemental agreements. **A comprehensive, clearly defined scope of work is imperative to the successful and timely completion of task orders.**

Kick-Off, Progress, and Milestone Meetings

Upon receipt of Notice to Proceed, Arcadis will request a kick-off meeting with the DOTD PM, District, LPA, and stakeholders to review project purpose and need, scope, methodologies, communication protocols, schedule, and immediate data needs. Arcadis will schedule monthly or bi-weekly meetings with the DOTD PM to provide updates on the progress of task orders. Milestone meetings will be held following the submittal of key deliverables to discuss DOTD comments and at critical decision points of the study. Our philosophy is that **frequent communication is essential to meeting and exceeding our clients' expectations and delivering projects on schedule.**

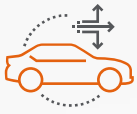


Stage 0: Feasibility Studies

Project Feasibility Report - Once a project is selected under one of the LPA safety programs, depending on the level of detail provided in the application, DOTD may task Arcadis with preparing a feasibility study to more clearly define the project scope and cost. The level of effort required to produce a Project Feasibility Report can vary based on the complexity of a project. Arcadis will request a project scoping meeting / pre-design conference with the DOTD PM and the LPA Responsible Charge followed by a site visit for an effective evaluation of project feasibility. Arcadis will conduct an in-depth review of project background information, constraints, and need for context sensitive solutions. Data collection and an evaluation of the existing operational and safety performance will be performed to establish existing conditions and identify and diagnose deficiencies. Our team is highly experienced with the Highway Safety Manual (HSM) methodologies and network screening tools such as Louisiana Crash Tool to identify historical crash patterns and Level of Safety Service (LOSS). We have developed custom online dashboards to quickly process safety data and provide meaningful statistics in a graphical format.

Stage 0 studies will be conducted in accordance with the ***DOTD Stage 0: Manual of Standard Practice***. We will verify the report meets the requirements of the most current version of the ***"Local Road Safety Program (LRSP) and Safe Route to Public Places Program (SRTPPP) Project Feasibility Report Minimum Requirements"***. This will assist in developing a detailed scope and description, layout map, cost estimate for engineering, construction, and construction engineering and inspection, anticipated index to plan sheets, and time schedule. All study results and recommendations will be included in a Stage 0 Report, which will provide the basis and background for the responses recorded

on the **Preliminary Scope and Budget Checklist and Environmental Checklist**. Typical timeline to complete a project feasibility report is 2-3 months including DOTD/LPA review and comments.



Traffic and Safety Studies – Some LPA applications may not contain sufficient traffic and safety data and analyses to adequately define the scope of work to guarantee the projects accomplish their intent. In such cases, it may be necessary to gather data and conduct more thorough analyses as part of the feasibility studies with the outcomes documented in the Project Feasibility Reports. Traffic engineering studies will follow the DOTD Traffic Engineering Process and Report (TEPR) format, with the tasks being scaled appropriately.

Data Collection - This data includes crash and traffic counts, pedestrian travel patterns, speed data, ball bank indicators, as-builts, utility and ROW information, land-use, previous studies, transit routes, design criteria, etc. Site visits will be conducted to validate engineering data and observe safety and operational conditions. A general understanding of potential improvements and safety countermeasures shall be established to provide the scope of data collection and **confirm that sufficient data is available to develop and evaluate alternatives**. This is particularly critical when considering safety countermeasures for non-motorized modes such as marked crosswalks and mid-block crossings.

Existing Conditions Analysis - Existing conditions will be evaluated to further define project needs and establish baseline measures of effectiveness (MOEs) for potential alternatives. Our team is experienced with **Highway Capacity Manual methodologies and analysis tools** (Synchro, HCS, SIDRA).

Alternative Analysis - **The development and analysis of alternatives will be conducted using a tiered, data-driven approach**. Tier 1 will involve a high-level evaluation of a wide range of alternatives that aim to address identified safety needs. In some cases, a Tier 2 analysis is required and involves a more in-depth evaluation and comparison of selected alternatives. This will entail the quantification of safety and operational benefits, geometric layouts of alternatives, identification of ROW, utility, environmental impacts, and construction cost estimates and benefit-cost analysis. The safety performance of proposed alternatives will be quantified using applicable **HSM Predictive Methods or Crash Modification Factors (CMFs)**.



Stage 1 – Planning/Environmental – Permit Plans & Permit Preparation

Our environmental discipline lead Jason Morrell brings over 25 years of experience that is directly applicable to this contract, specifically

with respect to NEPA compliance, permitting requirements, and agency coordination related to projects.

The Arcadis permitting team is closely connected to our design team. This allows us to build plans from the start, which include all necessary information to permit a project through the U.S. Army Corps of Engineers (USACE), Louisiana Department of Natural Resources (LDNR), Office of Coastal Management, Louisiana Department of Environmental Quality (LDEQ), railroad companies, and other regulatory agencies. By working together, Arcadis environmental professionals and engineers will identify all temporary and permanent impacts to the human and natural environment and develop any needed mitigation measures. **This in-house collaboration between designers and permitting staff allows Arcadis to produce complete permit plans and drawings that exceed the requirements across multiple agencies, as well as the client.**

Our environmental professionals have experience with all levels of federal and state permitting from non-reporting activities to complex projects with significant environmental impacts and public opposition. We engage our clients and regulatory agencies early in project development and remain engaged throughout the permitting process to verify that all relevant concerns are addressed adequately. **Our relationships bring immediate trust and credibility among federal and state resource agencies, and railroad companies.** Our combined depth and breadth of services are able to address – without delays – multiple, simultaneous task orders and any niche resource issue that may arise.



Stage 3 - Design

Survey - We envision that LPA safety projects will typically include improvements that require little to no right-of-way such as sidewalks, ADA curb treatments, signing and striping, pedestrian and bicycle improvements / enhancements, traffic signal upgrades, guard rail, road diets, restrictive intersections, access management, surface treatments, horizontal and vertical curvature improvements, etc. Based on the nature of the project, varying degrees of survey may be needed, with some projects requiring partial or no survey. During project scoping, the Arcadis Team will coordinate with DOTD to identify the level of survey that is needed based on the unique needs of each project.

CD&C will provide survey services in accordance with the current edition of the DOTD Location and Survey Manual. Survey work will include establishing project control referenced to the Louisiana State Plane Coordinate System (NAD 83), collecting topographic data, and preparing base mapping necessary to support the design effort. Field surveys will document roadway features, pavement edges, drainage structures, utilities, signage, and other visible site characteristics within the project limits. When required, project centerline

control will be established through field staking or ground traverses. Benchmarks will be established to provide vertical control for both design development and future construction activities.

Close coordination between the survey and design teams will verify that field data collected fully supports the development of roadways, traffic, and drainage improvements. Early collaboration allows the design team to identify specific information needs and helps avoid delays as the project advances through design. Where appropriate, the team will evaluate the use of aerial mapping or photogrammetry to supplement field data and improve efficiency. All survey information will be processed and delivered in MicroStation format, consistent with DOTD standards, so it can be directly used by the design team.

Property Survey and Right-of-Way (ROW) Mapping - We envision, when required, CD&C will conduct property surveys using the same survey control established for the topographic survey. The survey team will identify existing right-of-way limits, property boundaries, and visible improvements that may influence the proposed design. Using this information, Base Right-of-Way Maps will be prepared showing the project centerline, existing right-of-way, adjacent parcels, and potential areas requiring acquisition. These maps support DOTD's review during early project development and help identify potential property impacts. Following DOTD review, Final Right-of-Way Maps will be developed incorporating recommended revisions and including parcel acquisition areas, coordinate geometry information, and other data required by DOTD's Real Estate Section.

Design Guidelines - Design plans will be developed in accordance with the latest design guidelines and policies applicable to this IDIQ contract as referenced in the RFQ. Additionally, the following design guidelines may be utilized:

- Public Right-of-Way Accessibility Guidelines (PROWAG);
- ADA Standards for Accessible Design;
- AASHTO Guide for the Development of Bicycle Facilities;
- NACTO Urban Street Design Guide; and
- AASHTO Guide for Planning, Design, and Operation of Pedestrian Facilities

Preliminary Plans - Arcadis design staff will collect and review available design data including as-built plans, boring information, traffic data, survey information, and related improvement studies. Preliminary plans will be developed in accordance with AASHTO and current editions of DOTD's Road Design, Bridge Design, Hydraulics, and Signal Design Manuals, and DOTD's Minimum Design Guidelines as well as any other applicable guidelines. Our roadway design lead, Jose Rodriguez, will coordinate closely with DOTD and project stakeholders throughout critical preliminary design stages. We will

conduct design workshops, as necessary, to verify design conformance and ***context sensitive solutions that preserve historic, aesthetic, and environmental resources, while achieving project goals.*** Mr. Rodriguez will guarantee that all DOTD and stakeholder comments are addressed and tracked throughout the preliminary plan development process.

For the types of projects anticipated under this contract, the design effort will focus on integrating improvements into existing roadway conditions while minimizing impacts to adjacent infrastructure and property limits. Typical improvements may include crosswalk installations, pedestrian accessibility upgrades, signage and pavement marking enhancements, minor intersection modifications, and drainage adjustments, as needed. These plans will illustrate the proposed improvements, construction limits, existing and proposed right-of-way, drainage features, and traffic control elements required for implementation.

The preliminary submittal will support DOTD's Plan-in-Hand inspection and internal review process. Comments received during this stage will be incorporated as the design progresses. An engineer's opinion of probable construction cost will also be prepared based on estimated quantities derived from the preliminary plans using DOTD standard bid items and recent bid history.

Final Plans - During final plan development, Arcadis will finalize all design components and quantities based on stakeholder comments received during preliminary plan development. Construction phasing and traffic control plans will be developed by experienced design leads, with support from traffic engineering staff Ari Deitch and Kester Hollier, will use innovative sequencing strategies to minimize impacts to operations and safety during construction. Any design exceptions that were identified during preliminary plan stages will be requested during final plan development, with supporting documentation and record of engineering reasoning. ***Particular emphasis will be placed on preparing plans that clearly convey the design intent, promote constructability, and reduce the likelihood of questions during construction.***

Detailed quantity calculations will be prepared and organized to support the development of a construction cost estimate using DOTD bid items. Where appropriate, quantities will be organized by construction phases to assist in identifying the logical sequencing of work.

Final Plans will be submitted for Advanced Check Print review. After comments have been addressed, the design team will prepare the final sealed plan set along with supporting documentation, including quantity summaries and

design calculations. All deliverables will meet DOTD formatting and quality standards to support successful project letting.

Design Schedule – LPA safety design projects will typically follow a condensed number of milestone submittals: 95% Preliminary Plans, 95% Final Plans, 98% Final Plans, and 100% Final Plans. For projects that require the implementation of subsurface drainage to accommodate roadside **improvements** such as sidewalks or multi-use paths, a 60% Preliminary Plan submittal will be provided with hydraulics calculations for review. **The condensed number of milestone submittals will require that initial submittals are more detailed to guarantee an efficient and timely completion of project design.** Depending on the availability/need for survey data and extent of improvements, the duration for low-cost design projects can range from 12 to 17 months.

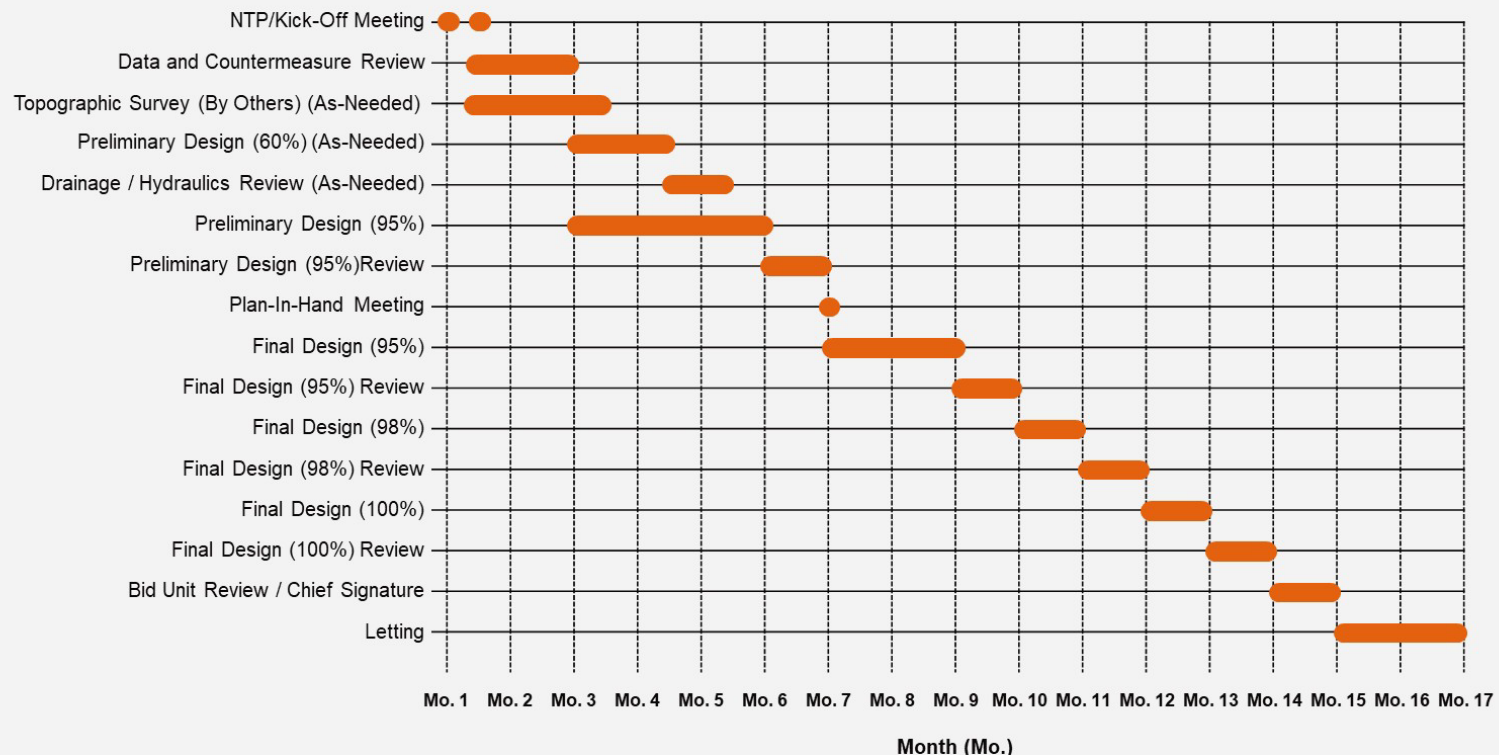


Stage 5 - Construction

Arcadis' approach to construction engineering support focuses on assigning the most qualified design staff who possess intimate knowledge of the project's design and specifications. We will provide sufficient resources to address multiple concurrent submittals, instilling a strong sense of

urgency to minimize review times, and establishing effective communication protocols, internally and externally, for submittal tracking and coordination. Design leads for roadway (Jose Rodriguez) and traffic (Ari Deitch) will serve as the main points of contact during the construction phase. They will receive contractor submittals and guarantee efficient, comprehensive, and timely reviews. Appropriate review times for various submittal types will be established during contract negotiations, while ensuring conformance with Louisiana Standard Specifications for Roads and Bridges (LSSRB). Arcadis has provided bid review and engineering support services for DOTD in the past. We are currently under contract with DOTD to provide engineering support services for a permanent signing project along US 90 Business and I-10 throughout downtown New Orleans, traffic / signing / ITS components on the I-10 widening project in Baton Rouge, and several ITS construction projects statewide. In addition, Tom Landry, former DOTD Area Engineer, will provide constructability reviews in an effort to reduce problems during Stage 5. Also, given the severely strained maintenance budgets at all levels of government, maintainability reviews may be desirable for some projects.

Low-Cost Safety Design - Sample Task Order Schedule



SECTIONS 19-23

Benefit cost analysis results for Baton Rouge Pedestrian and Bicycle Road Safety Assessments.

RSA 1: Highland Road at S. Stadium Drive

Site Visit Date/Time
October 21, 2020/AM

Benefit Cost Analysis of Proposed Recommendations and Countermeasures

Louisiana State Unit Cost per Crash

Severity	Cost
Fatal	\$1,710,561
Severe Injury	\$489,446
Moderate Injury	\$173,578
Complaint Injury	\$58,636
PDO	\$24,982

Inflation	Years of Service
4%	10 years

Notes:

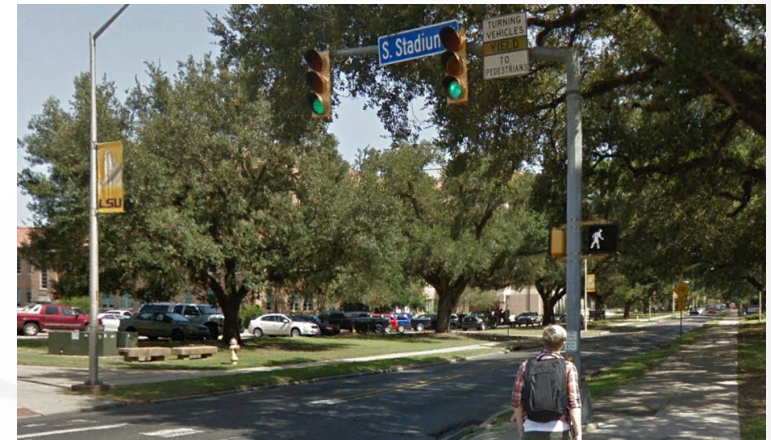
1. Calculations were based on the estimated crash reduction and the Louisiana Department of Transportation and Development (LADOTD) cost of crashes by severity provided on the LADOTD Highway Safety Section's website: http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Multimodal/Highway_Safety/Pages/Highway_Safety_Analysis_Toolbox.aspx
2. Calculations were based on a 10-year life of service and 4% inflation.
3. Construction cost estimates should be considered "planning-level" and do not include the cost of maintenance, engineering studies, or enforcement activities.
4. Crash reductions and safety benefits for this RSA were calculated at the intersection level only.

Short-Term Recommendations and Countermeasures

Recommendations and Countermeasures	Safety Benefits per Year	Safety Benefits (10 Years)	Cost
•Remove obstructions from pedestrian landing areas (e.g., trash cans, newspaper stands).	-	-	-
•Restore striping and implement striping enhancements such as sharrow symbol on mainline and side-street approaches.	-	-	\$28,000
•Prohibit ROR movements to address conflicts with bicyclists, pedestrians, and cars.	\$12,250	\$99,361	\$2,000
•Implement actuated pedestrian phases for mainline approaches.	-	-	\$28,000
•Add an ADA-compliant bus stop south of intersection for wheelchair access with ramps.	-	-	\$9,000
•Recommend that CATS provide dedicated supports for bus stop signage.	-	-	-

Mid-Term Recommendations and Countermeasures

Recommendations and Countermeasures	Safety Benefits per Year	Safety Benefits (10 Years)	Cost
•Install/improve lighting for crosswalks on all approaches.	\$12,250	\$99,361	\$49,000
•Expand and restore landing areas and provide directional ADA-compliant curb ramps, provide directional ADA-compliant curb ramps and detectable warnings.	-	-	\$69,000
•Relocate signal pole.	-	-	\$27,000
•Adjust storm drain covers to match grade of roadway in vicinity of intersection.	-	-	\$27,000



Firm(s) <u>ALL FIRMS</u> MUST BE REPRESENTED IN THIS TABLE	Discipline	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
	Traffic	4400029193 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12 <i>(50% of remaining work is complete and invoiced but awaiting payment)</i>	\$541,663
		4400019379 / H.013797	LA 30: EBR PL – I-10	\$232,048
		4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	\$4,510
		4400021325 / H.012837.5	I-10 New Orleans Master Plan	\$58,758
		4400023690 / H.015590.5	LA 494: LA 6 To Blanchard Rd	\$86,924
		4400023690 / H.016529.5	US90BUS (Broad St): Enterprise BL – I-210	\$168,203
		4400023690 / H.016380.5	LA 1024: S-Wave Ground Inlay Grooves	\$82,995
		4400017033 / H.005121	LA 1/LA 415 Connector	\$434,747
		4400025625 / H.014622.2	St. Nazaire Road Ext: LA 96 – Corne Road	\$107,786
		4400024084 / H.009300.5	CMAR Contract for Hooper Road Widening (LA 3034 – LA 37)	\$10,202
		H.003931	I-10 Calcasieu River Bridge P3 <i>(Majority of remaining work to be completed within 9 months)</i>	\$650,000
		4400025047 / H.011358.2	US 190 (Vine Street) Reconstruction	\$80,013
		4400021325 / H.010824.1	US 71 Corridor Study	\$113,080
	Road	4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	\$2,883
		4400017033 / H.005121	LA 1/LA 415 Connector	\$1,064,381
		4400025022 / Multiple State Project Nos	IJJA Off System Bridge Program – Road Task Orders	\$10,377
		H.003931	I-10 Calcasieu River Bridge P3 <i>(Majority of remaining work to be completed within 9 months)</i>	\$400,000
	ITS	4400029193 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12 <i>(50% of remaining work is complete and invoiced but awaiting payment)</i>	\$127,450
		4400026457 / H.013868.5	ITS MGMT, OPERATIONS, & MAINT	\$581,428
		4400026457 / H.013868.6 (A)	ITS MGMT, OPERATIONS, & MAINT	\$424,134
		4400026457 / H.013868.6 (B)	ITS MGMT, OPERATIONS, & MAINT	\$228,024
		H.003931	I-10 Calcasieu River Bridge P3 <i>(Majority of remaining work to be completed within 9 months)</i>	\$150,000

	Environmental	4400019338 / Multiple State Project Nos	Rural Bridge Replacement Initiative Phase II	\$17,088
		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	\$37,871
		H.003931	I-10 Calcasieu River Bridge P3 <i>(Majority of remaining work to be completed within 9 months)</i>	\$150,000
		4400025047 / H.011358.2	US 190 (Vine Street) Reconstruction	\$6,957
	Bridge	4400029193 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12 <i>(50% of remaining work is complete and invoiced but awaiting payment)</i>	\$265,521
		4400025022 / Multiple State Project Nos	IJJA Off System Bridge Program – Bridge Task Orders	\$20,498
		H.003931	I-10 Calcasieu River Bridge P3 <i>(Majority of remaining work to be completed within 9 months)</i>	\$400,000
	CE&I/OV	4400029193 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12	\$127,450
		4400027361 / H.011220.6, H.012901.6, H.010634.6	US 90 Engineering Support	\$248,775
		4400016923 / H.012901.6, H.010634.6	US 90Z (Bodenger Blvd. – Stumpf Blvd.)	\$192,319
		4400025046 / H.013710.6	I-10: US 61 to LaPlace ITS Deployment (CE&I)	N/A
		4400025665 / H.013482.6	I-10 WBR Queue Warning System	\$83,341
	Data Collection	4400021325 / H.012837.5	I-10 New Orleans Master Plan	\$3,751
		4400023812 / H.015377.5	Weigh Station Assessment	\$352,125

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
	Survey	4400027093/H.014041	LA 92 ROW Maps	\$5,028
		44-29196; H.016255.5	LA 1: WGS Riverplex RR Overpass	\$270,967
		44-27181; H.015918.5	Downtown Winnfield Sidewalks	\$7,288
		44-31651; H.016390.5	LA 16: Road Diet	\$62,647

STAFF CERTIFICATION CHART SUMMARY

Names	Firm	Relevant Certification
Akhil Chauhan, PE, PTOE, PTP, PMP <i>Meets MPR No. 1</i>	 ARCADIS	Professional Traffic Operations Engineer (PTOE) Project Management Professional (PMP) Professional Transportation Planner (PTP) Traffic Engineering Analysis Process & Report Module 1, 2, & 3 Various Relevant NHI and DOTD Courses
Jose L. Rodriguez, PE <i>Meet MPR No. 2</i>	 ARCADIS	ATSSA Traffic Control Supervisor
Ari Deitch, PE, PTOE, PTP, RSP1 <i>Meet MPR No. 5</i>	 ARCADIS	Road Safety Professional (RSP) Professional Traffic Operations Engineer (PTOE) Professional Transportation Planner (PTP) Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 ATSSA Traffic Control Supervisor NHI - Highway Safety Manual Workshop NHI Traffic Signal Design & Operation
Kester Hollier, PE, PTOE <i>Meet MPR No. 5</i>	 ARCADIS	Professional Traffic Operations Engineer (PTOE) Traffic Engineering Analysis Process & Report Modules 1, 2, & 3 ATSSA Traffic Control Supervisor
Max Aguirre, PhD, PE, PTOE, RSP21 <i>Meet MPR No. 5</i>	 ARCADIS	Professional Traffic Operations Engineer Road Safety Professional 21 ATSSA Traffic Control Supervisor Traffic Engineering Analysis Process & Report Modules 1, 2, & 3
Clara Foshee, PE, PTOE	 ARCADIS	Professional Traffic Operations Engineer (PTOE) Traffic Engineering Analysis Process & Report Modules 1, 2, & 3
Chris Ballard, PLS <i>Meet MPR No. 4</i>		ATSSA Traffic Control Supervisor ATSSA Flagger
Madison Mills, PLS <i>Meet MPR No. 4</i>		ATSSA Traffic Control Supervisor ATSSA Flagger
Chancey Cothren, LSI		ATSSA Traffic Control Supervisor ATSSA Flagger

Louisiana's Secretary of State (SOS) Registration Screenshots for: **Arcadis U.S., Inc.** and **Civil Design & Construction, Inc.** are located at the end of this section.

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



Akhilendra Singh Chauhan
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 Parleton

Beth Parleton - Chair, Board of Directors

Mark A. Langley

Mark A. Langley - President and Chief Executive Officer



PMP® Number **1444676**

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

PMP® Expiration Date **15 August 2014**



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



Steven D. Hofener
Executive Director

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

Poly Kolina
Authorized Instructor

John Holt
Authorized Instructor

Robert Parnell
Authorized instructor



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

Poly Kolina
Authorized Instructor

John Holt
Authorized Instructor

Robert Parnell
Authorized instructor



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

Poly Kolina
Authorized Instructor

John Holt
Authorized Instructor

Robert Parnell
Authorized instructor





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

Local Coordinator

Richard Barnaby, Director
National Highway Institute

Instructor



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

Local Coordinator

Instructor

Richard Barnaby, Director
National Highway Institute



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

Local Coordinator

Instructor

Valerie Briggs, Director
National Highway Institute



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

Maud B. Walsh
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

Helmut Schneider

Dr. Helmut Schneider
Director
Highway Safety Research Group





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

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 37 issued in Washington, DC, USA

12/21/2018

Diane W. Morabito
Diane W. Morabito
Chair



**ROAD SAFETY
PROFESSIONAL**

Jeffrey F. Paniati
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 4346 issued in Washington, DC, USA*

11/20/17


Michael K. Park
Chair




Jeffrey F. Paniati
Executive Director

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

Poly Colvane
Authorized Instructor

Ari Deitch
Authorized Instructor

P. L. P. P.
Authorized instructor



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

Poly Colvane
Authorized Instructor

Ari Deitch
Authorized Instructor

P. L. P. P.
Authorized instructor



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

Poly Colvane
Authorized Instructor

Ari Deitch
Authorized Instructor

P. L. P. P.
Authorized instructor



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.



American Traffic Safety Services Association
ATSSA.com

Certificate of Professional Development Hours
presented to

Ari Deitch

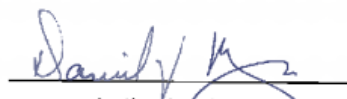
for attending the

Highway Safety Manual Workshop
12 PDHs

on

May 2-3, 2013

Baton Rouge, Louisiana


Authorized By



Research, Technology Transfer, Education and Training





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

National Highway Institute



Certificate of Training

ARI DEITCH

has participated in

***FHWA-NHI-133121 Traffic Signal Design
and Operation***

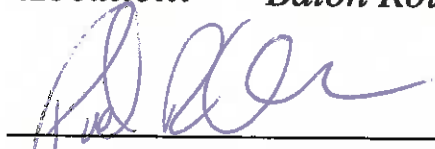
hosted by

LA DOTD/LTRC

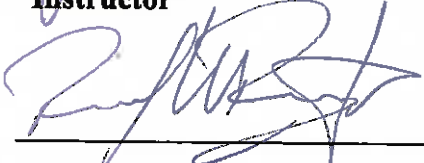
Date: *August 16-17, 2017*

Hours of Instruction: 11

Location: *Baton Rouge, LA*



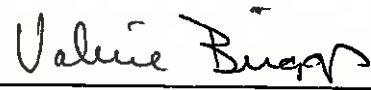
Instructor



Instructor



Local Coordinator



**Valerie Briggs, Director
National Highway Institute**

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. Nordb.
Diane Morabito
Chair



Jeffrey F. Puniati
Jeffrey F. Puniati
Executive Director



Kester Hollier
has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 29-JUL-2023

CEU (If Applicable):

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

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. Akert
Chair



[Signature]
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

Poly Colvine
Authorized Instructor

Jim Holt
Authorized Instructor

Rob T. Marshall
Authorized instructor



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

Poly Colvine
Authorized Instructor

Jim Holt
Authorized Instructor

Rob T. Marshall
Authorized instructor



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

Poly Colvine
Authorized Instructor

Jim Holt
Authorized Instructor

Rob T. Marshall
Authorized instructor



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

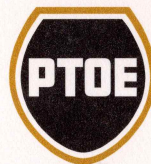
unless withdrawn by the Certification Board and subject to the provisions for renewal.

Certificate number 5291 issued in Washington, DC, USA

7/13/2022

Deborah L. Snyder

*Deborah Snyder
Chair*



**PROFESSIONAL TRAFFIC
OPERATIONS ENGINEER**

Jeffrey F. Paniati

*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 Snyder
Deborah Snyder
Chair



Jeffrey F. Panzani
Jeffrey F. Panzani
Executive Director

ATSSA
Safer Roads Save Lives

Max Aguirre

has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 18-SEP-2025

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



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

Poly A. Colina
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert G. Brumfield
Authorized instructor



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

Poly A. Colina
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert G. Brumfield
Authorized instructor



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

Poly A. Colina
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert G. Brumfield
Authorized instructor



Transportation Professional Certification Board, Inc.

certifies that

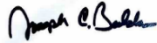
Clara Foshee

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

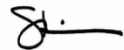
Professional Traffic Operations Engineer

*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. Balshus
Chair




Steve Kuciamba
Executive Director

Certificate of Completion

presented to

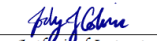
Clara Foshee

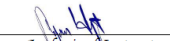
for completing the

**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



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



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





Christopher Ballard
has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 14-MAR-2025

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



American Traffic Safety
Services Association

This is to affirm that

CHRIS BALLARD

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

2/29/2024

Debbie Purcella

Issue Date

2/29/2028

Instructor Name

Exp. Date

LA

State Issued

Debbie Purcella

Instructor Signature

V0000287042

Verify at Flagger.com



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Madison Mills

has attended

Louisiana Traffic Control Supervisor

Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Donna M. Clark
Vice President of Education and Technical Services

Baton Rouge, LA
Location

Adrian F. Robinson
President, CEO

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



American Traffic Safety Services Association ATSSA.com



American Traffic Safety
Services Association

This is to affirm that

MADISON MILLS

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

8/1/2023

Debbie Purcella

Issue Date

8/1/2027

Instructor Name

Exp. Date

LA

State Issued

Debbie Purcella

Instructor Signature

V0000201560

Verify at Flagger.com

**TEMPORARY CERTIFICATE IS AWARDED TO
CHANCEY COTHREN**

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

**LOUISIANA DEPARTMENT OF TRANSPORTATION &
DEVELOPMENT**

on the following date

JUL 26, 2024

This certificate is valid for 30 days from completion date

with a government issued photo ID.

Verify this certificate against the information online use the code below to view certificates

190-57-114401

Enter the code to verify this certificate is an original at

<https://process.onlineflagger.com/duplicate>



ATSSA
Safer Roads Save Lives

Chancey Cothren

has attended
Louisiana Traffic Control Supervisor

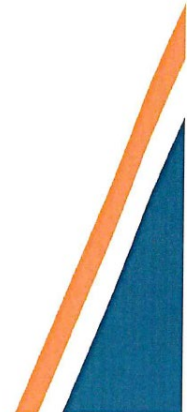
Completed: 22-AUG-2024

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





LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

Civil Design & Construction, Inc.

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

NC541330, NC541340, NC541350, NC541370

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

Certificate Eligibility: March 2025 to March 2026

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

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
ARCADIS U.S., INC.	Business Corporation (Non-Louisiana)	WILMINGTON	Active

Previous Names

ARCADIS G&M, INC. (Changed: 1/4/2007)

ARCADIS GERAGHTY & MILLER, INC. (Changed: 6/12/2001)

Business: ARCADIS U.S., INC.

Charter Number: 34610353F

Registration Date: 2/5/1998

Domicile Address

222 DELAWARE AVENUE, SUITE 1110
WILMINGTON, DE 19801

Mailing Address

C/O LEGAL DEPT.
110 WEST FAYETTE ST., SUITE 300
SYRACUSE, NY 13202

Principal Business Office

630 PLAZA DR., SUITE 200
HIGHLANDS RANCH, CO 80129

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

6100 CORPORATE BLVD., SUITE 325
BATON ROUGE, LA 70816

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
CIVIL DESIGN & CONSTRUCTION, INC.	Business Corporation	PORT ALLEN	Active

Previous Names

Business: CIVIL DESIGN & CONSTRUCTION, INC.

Charter Number: 35961196D

Registration Date: 6/15/2005

Domicile Address

3251 SOUTHERN PACIFIC ROAD
PORT ALLEN, LA 70767

Mailing Address

P O BOX 857
PORT ALLEN, LA 70767

Principal Office Address

3251 SOUTHERN PACIFIC ROAD
PORT ALLEN, LA 70767

Status

Status: **Active**

Annual Report Status: **In Good Standing**

File Date: 6/15/2005

Last Report Filed: 5/20/2025

Type: Business Corporation

Registered Agent(s)

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
CIVIL DESIGN & CONSTRUCTION, INC.	PO Box 857 Port Allen, LA 70767	Karla E. Weston kweston@cdcbr.com	225 765 1802

N/A



Arcadis

6100 Corporate Blvd., Suite 325
Baton Rouge, LA 70808
T. 225 292 1004
www.arcadis.com



www.arcadis.com



Arcadis North America



Arcadis



@ARCADIS_US