

# STATEMENT OF QUALIFICATIONS

Presented to:  
**Louisiana Department  
of Transportation and  
Development (DOTD)**

Contract No. 4400027093  
IDIQ Contract for  
Design Services  
District 03

June 21, 2023



**DISTRICT 03  
HEADQUARTERS**



C. H. Fenstermaker & Associates, L.L.C.



**Transmitted via Email**

DOTDConsultantAds80@la.gov

June 21, 2023

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

**RE: Contract No. 44000027093 IDIQ Contract for Design Services District 03**

Dear Sir or Madam:

C. H. Fenstermaker & Associates, L.L.C. (Fenstermaker) is pleased to submit our response to the advertisement for the Louisiana Department of Transportation and Development's IDIQ Contract for Design Services District 03. Our team of experienced civil engineers, professional land surveyors, and other specialized personnel possesses the expertise and capabilities needed to assist LADOTD with requested design services. With over 73 years of experience in Louisiana, Fenstermaker brings unparalleled skill, knowledge, and understanding to the types of task orders that may be issued from this IDIQ.

We will provide LADOTD with the following benefits to ensure successful project completion:

- ✓ *Trusted leadership*
- ✓ *Local knowledge and familiarity of District 3 and surrounding areas*
- ✓ *Successfully provided these services on numerous similar projects*
- ✓ *Key staff located throughout Lafayette and other areas of District 03*

Joining the Fenstermaker Team are the following respected firms:

- ARCADIS for Traffic Engineering Services
- APS Engineering and Testing for Geotech Services
- Civil Design & Construction, Inc., (CDC), for Survey Services
- Huval & Associates, Inc., for Bridge Design Services

A diligent review of the Contract for Design Services has been performed. The Fenstermaker Team clearly understands the scope of services required outlined in this advertisement. Our Team makes a firm commitment to provide LADOTD with professional services on-time and on-budget.

Thank you for the opportunity to present our credentials. We look forward to hearing from you. Should you have any questions regarding our submittal or qualifications, please contact our Project Manager, Dax Douet, at (337) 237-2200. Angelle Guilbeau is authorized by Fenstermaker to contractually obligate the firm.

**C. H. FENSTERMAKER & ASSOCIATES, L.L.C.**

Dax Douet, P.E.  
Project Manager  
[dax@fenstermaker.com](mailto:dax@fenstermaker.com)

Angelle Guilbeau  
Chief Administrative Officer  
[angelleg@fenstermaker.com](mailto:angelleg@fenstermaker.com)

**135 Regency Square | Lafayette, LA 70508 | (337) 237-2200 phone | (337) 232-3299 fax**  
**[www.Fenstermaker.com](http://www.Fenstermaker.com)**


# **DOTD FORM: 24-102**

## **PROPOSAL TO PROVIDE CONSULTANT SERVICES**

(Revised January 1, 2023)

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

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

1. Contract Name as shown in the advertisement	IDIQ Contract for Design Services District 03
2. Contract Number(s) as shown in the advertisement	Contract No. 4400027093
3. State Project Number(s), if shown in the advertisement	Not applicable
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	C. H. Fenstermaker & Associates, L.L.C.  <small>C. H. Fenstermaker &amp; Associates, L.L.C.</small>
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. 0000311 - Engineering VF. 0000154 - Survey
6. Prime consultant mailing address	135 Regency Square, Lafayette, LA 70508
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	135 Regency Square, Lafayette, LA 70508
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Dax Douet, P.E., Project Manager, (337) 237-2200, dax@fenstermaker.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Angelle Guilbeau, Chief Administrative Officer, (337) 237-2200, angelleg@fenstermaker.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.

*Angelle Guilbeau*

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

June 21, 2023

Date:

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

Firm(s):

APS Engineering and Testing, LLC  
Civil Design & Construction, Inc.




Firm(s)' %:



3%  
10%

## 12. Past Performance Evaluation Discipline Table:

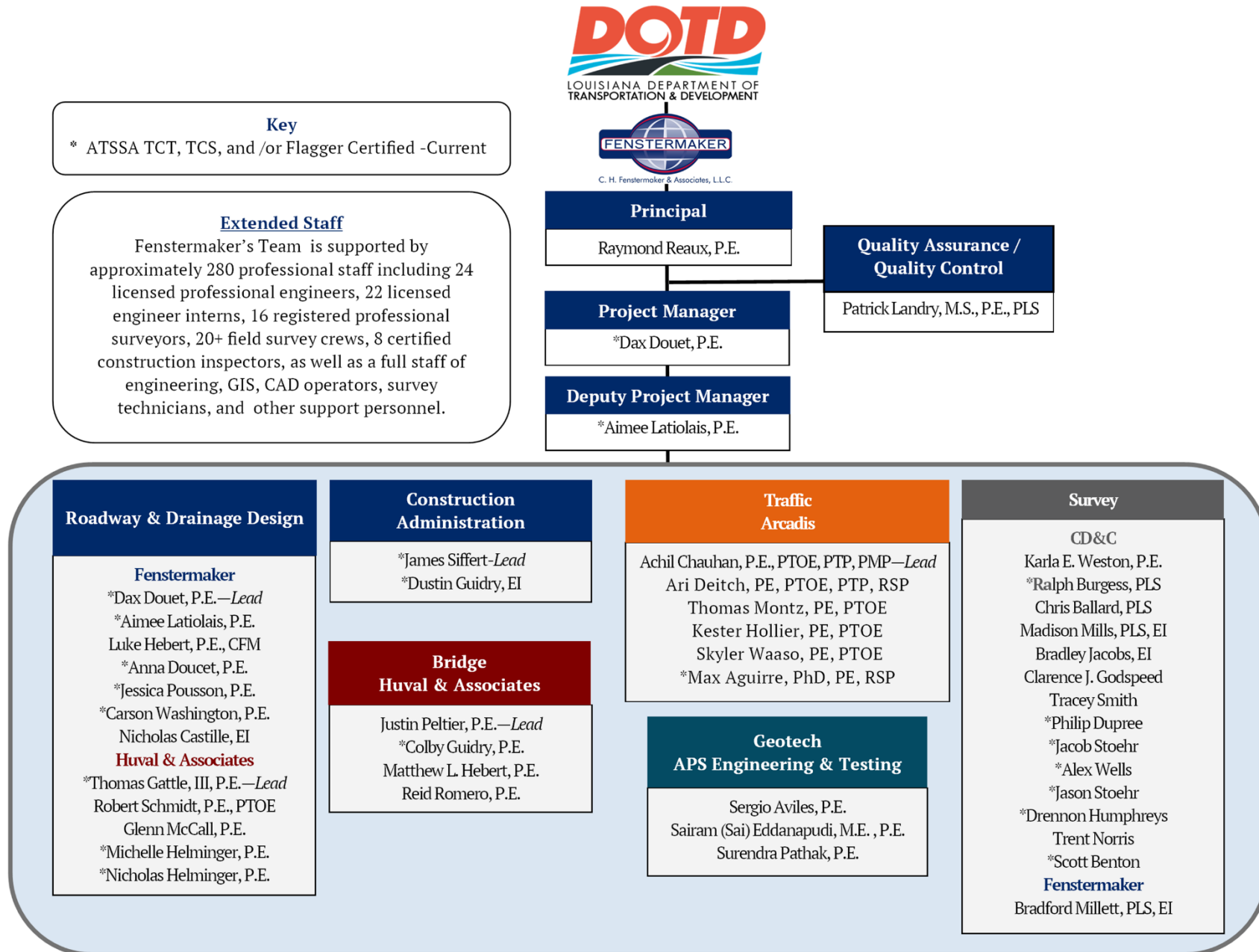
Past Performance Evaluation Discipline(s)	% of Overall Contract	C. H. Fenstermaker & Associates, L.L.C. (Prime)	Arcadis	APS Engineering & Testing, LLC (DBE)	Civil Design & Construction, Inc. (DBE)	Huval & Associates, Inc.	Each Discipline must total to 100%
Road	72%	75%				25%	100%
Bridge	5%					100%	100%
Traffic	10%		100%				100%
Geotech	3%			100%			100%
Survey	10%				100%		100%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%	54%	10%	3%	10%	23%	100%

### 13. Firm Size:

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
 C. H. Fenstermaker & Associates, L.L.C.	Administrative	1	2
	Biologist/Wetlands		1
	CADD-Operator	2	2
	Clerical		2
	Engineer	4	9
	Engineer Intern	2	8
	Environmental Pro	2	2
	GIS Analyst		2
	Inspector		4
	Inspector – Certified	1	3
	Inspector - Lead		1
	Instrument Man		7
	Party Chief		8
	Planner		2
	Professional		2
	Project Office Manager	1	2
	Principal	1	3
	Rodman		3
	Senior Technician	2	8
	Supervisor – Eng	2	4
	Supervisor – Other	1	2
	Surveyor	1	3
	Technician		8
	Engineer	4	9
	Principal	1	3
	Supervisor-Engineer	1	4
	Engineer	5	5
	Driller	7	7
	Technician	12	12

	Surveyor	1	3
	Party Chief	2	5
	Instrument Man	2	3
	Rodman	2	2
	CADD Operator	1	1
	Senior Technician	2	6
	Supervisor - Other	1	1
	Principal	1	1
	Supervisor Engineer	2	5
	Engineer	5	14
	Engineer Intern	4	6
	Technician	1	3
	CADD Technician	2	4
	CADD Drafter	2	3
	Inspector-Certified	1	6

## 14. Organizational Chart:




## 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	Raymond Reaux, P.E.	C. H. Fenstermaker & Associates, L.L.C.	P.E. – Civil Engineer, Environmental Engineer	LA	PE.0025322 / 09-30-2023
2	Dax Douet, P.E.	C. H. Fenstermaker & Associates, L.L.C.	P.E. – Civil Engineer	LA	PE.0030170 / 09-30-2024
3	Dax Douet, P.E.	C. H. Fenstermaker & Associates, L.L.C.	P.E. – Civil Engineer	LA	PE.0030170 / 09-30-2024
3	Aimee Latiolais, P.E.	C. H. Fenstermaker & Associates, L.L.C.	P.E. – Civil Engineer	LA	PE.0042932 / 03-31-2025
4	Bradford Millett, PLS, EI	C. H. Fenstermaker & Associates, L.L.C.	PLS – Professional Land Surveyor	LA	PLS.0005245 / 03-31-2025
4	Ralph Burgess, PLS	Civil Design & Construction, Inc.	PLS – Professional Land Surveyor	LA	PLS.0005040 / 09-30-2024
4	Chris Ballard, PLS	Civil Design & Construction, Inc.	PLS – Professional Land Surveyor	LA	PLS.0005033 / 09-30-2024

## 16. Staff Experience:

Firm employed by	C.H. Fenstermaker & Associates, L.L.C.		
Name	Raymond Reaux, P.E.	Years of relevant experience with this employer	30
Title	Vice President, Engineering	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization	B.S. / 1985 / Civil Engineering		
Active registration number / state / expiration date	#25322 / LA / 09-30-2023		
Year registered	1993	Discipline	Civil Engineer, Environmental Engineer
Contract role(s) / brief description of responsibilities	Principal		



Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
<p>Mr. Reaux’s experience includes design work, budgeting and planning, project management, overseeing operations, and executive-level administration. As Fenstermaker’s Vice President of Engineering, his responsibilities focus on providing strong direction for his team and promoting timely, quality services and exceptional customer service to cultivate an efficient, successful engineering practice within the company. Throughout his tenure at Fenstermaker, Mr. Reaux has supervised all aspects of engineering projects, including preliminary planning, scheduling, cost-estimates, securing funding, and administering contracts. His expertise in transportation development, from design to construction administration, is comprehensive and includes feasibility and alignment studies, generating plans, utility relocation design, and managing project resources, costs, and schedule. As a dedicated leader and supervisor, Mr. Reaux’s duties also require consistent evaluations for quality control and assurance to maintain the engineering team’s reputation and high standards. Mr. Reaux has attended the ATSSA Traffic Control Technician, Supervisor, and Certified Flagger training courses and has completed the NHI Course 142005 NEPA &amp; the Transportation Decision-Making Process course.</p>	
05/18 – 06/22	<b>I-49 South @ Verot School Road (LA339) (Lafayette Parish, LA)</b> Fenstermaker, as a sub-consultant to Huval & Associates, was selected to perform engineering design services for improvements to the existing intersection of U.S. Highway 90 (US 90) (Future I-49 South) and Verot School Road. Mr. Reaux served as the firm Principal.
11/08 - Ongoing	<b>Kaliste Saloom Road Widening, Intersection Improvements, Bridge and CE&amp;I (LA3073 to LA733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA)</b> Mr. Reaux was Fenstermaker’s Principal for the widening of approximately 1.7 miles of Kaliste Saloom Road, an over-capacity major arterial roadway located in the center of Lafayette, Louisiana. This project included widening an existing 2-lane roadway to a 4-lane roadway with a continuous center turn lane. Mr. Reaux oversaw the design for all three phases, as well as led the design efforts of a multi-lane modern roundabout and 5-girder span bridge structure within the project limits.
05/13 – 02/20	<b>US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build (Lafayette Parish, LA)</b> Mr. Reaux served as Fenstermaker’s Principal under the Design-Build Contractor, James Construction Group, to upgrade a portion of US 90 to a 6-lane controlled access facility to also include improvements to the existing east and westbound frontage road system, construction of a new overpass structure over both Albertson Parkway and the existing BNSF railroad facility, and construction of all associated US 90 mainline ramps.

12/13 – 05/17	<b>U-Turn (Livingston Parish, LA)</b> Mr. Reaux served as the Project Principal for the proposed new LA 3002: J-Turn Roadway. He oversaw all aspects of the design including the environmental categorical exclusion, preliminary and final design plans, which included the design of a new roadway, widening existing roadways, intersection improvements, signage and striping, and subsurface drainage.
07/12 – 03/14	<b>LA 30 Roundabouts at Tanger Mall and I-10 Ramps Stage 0 Feasibility Study (Ascension Parish, LA)</b> Mr. Reaux served as Project Principal for this Stage 0 Feasibility Study. The project identified, evaluated, and analyzed proposed roundabout alternatives at Tanger Mall and the I-10 Interchange ramps in the City of Gonzales. The feasibility study was performed in accordance with LADOTD EDSM VI.1.1.5. The purpose of the project was to provide relief from traffic congestion, improve safety, and to provide safe pedestrian facilities along LA 30.
05/17 – 08/18	<b>S.P. No. H.011249 &amp; H.011248 Maple Street &amp; Julia Street Stage 0 Feasibility Study (Livingston Parish, LA)</b> LA 30: Mr. Reaux served as the Project Principal for these two Stage 0 Feasibility Studies in the City of Denham Springs, LA. Both projects were approximately 0.5-miles in length and included enclosures to a ditch, widening, and other safety measures to reduce crashes along the corridor. The Stage 0 Feasibility Reports were developed in accordance with the LADOTD Stage 0 Manual of Practice and completed in 1 month. The final report was approved by both the Capital Region Planning Commission and LADOTD.
03/03 – 02/16	<b>Chemin Metairie Utilities, Phases I &amp; II (Lafayette Parish, LA)</b> After completion of Chemin Metairie Parkway Phase I construction, Fenstermaker began the design of Chemin Metairie Parkway Phase II, which is a 2.4-mile extension of Chemin Metairie Parkway Phase I. This project also consisted of a roundabout and intersection improvement at the intersection of US90 and Aillet Road. The intersection improvements consisted of adding double left turn lanes, J-turn, right turn lane and overhead signals along US90. It also consisted of 1,000 feet of roadway reconstruction along Aillet Road. This project included inspection of excavation and embankment, both subsurface drainage and open channel construction, roadway base course construction, Portland Cement Concrete Pavement operation and installation, construction of a modern roundabout, intersection improvements on U.S. Hwy. 90 to include installation of dual left turn lanes, frontage road improvements, and installation of a signalized intersection. Mr. Reaux served as the Project Principal responsible for full oversight of all project phases.
01/90 – 12/14	<b>East Pont des Mouton Phases I &amp; II - Roadway Widening &amp; Water / Sewer Design (Lafayette Parish, LA)</b> Engineering design services were provided for the construction of a 1.4-mile, 4-lane divided curb and gutter roadway with raised median, sidewalks, subsurface drainage, and street lighting. 14,300' of subsurface drainage was installed including 1,400' of 84" RCP, over 8,000' of water distribution, 7,000' of wastewater line, a wastewater lift station, and coordination of many utility companies. Mr. Reaux served as the Project Principal responsible for full oversight of all project phases.
01/04 – 04/06	<b>US Hwy 165: Glenmore-Woodworth (Rapides Parish, LA)</b> This \$50 million project is part of LADOTD's Transportation Infrastructure Model for Economic Development (TIMED) Program. Mr. Reaux was the Project Principal responsible for overseeing the design of 8.5 miles of rural, 4-lane highway adjacent to existing US 165. This project included roadway design, intersection design, and bridge design.
12/08 – 01/11	<b>Fortune and Hwy 89 Roundabout- City of Youngsville (Lafayette Parish, LA)</b> Fenstermaker provided design services for a modern roundabout at the intersection of Bonin Road and Fortune Road, Lafayette Parish, LA. Mr. Reaux coordinated with the City and the Parish on the roundabout's geometrics, assisted with bidding and award of contract to the construction contractor, and provided project management support.

Firm employed by		C. H. Fenstermaker & Associates, L.L.C.	
Name	Dax Douet, P.E.	Years of relevant experience with this employer	26
Title	Director, Engineer	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		B.S. / 1997 / Civil Engineering	
Active registration number / state / expiration date		#30170 / LA / 0-30-24	
Year registered	2002	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Project Manager	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
<p>Dax Douet has extensive professional civil engineering experience in design, planning, construction oversight, and project management. He has served as the lead design engineer and project manager on a wide range of transportation projects including local, collector, and arterial roadways, as well as large interstate interchange projects. Mr. Douet has expertise in roadway design, transportation corridor studies, line and grade studies, roundabout design, environmental assessments, open channel and subsurface drainage systems, large one and two-dimensional hydrologic numerical modeling, municipal engineering, public speaking, and project management of large complex, multi-disciplinary projects.</p> <p>Mr. Douet has worked with many state and federal governmental agencies including LA DNR (now CPRA), USACE, LADOTD, NRCS, NMFS, and the U.S. Fish and Wildlife Service. He has a range of experience and expertise in hydrodynamic numerical modeling, coastal restoration design and implementation, coastal construction administration, coastal surveying, project management, roadway and bridge design, site planning and development, NEPA environmental studies, and geotechnical type projects. Mr. Douet has managed the preparation of over thirteen Stage 0 feasibility studies for LADOTD and led the preparation of geometric line and grade studies to support more than five Environmental Assessment documents in accordance with the National Environmental Policy Act (NEPA) guidelines.</p>	
07/10 - Ongoing	<b>Kaliste Saloom Rd Widening, Intersection Improvements, Bridge and CE&amp;I (LA3073 to LA733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA)</b> Mr. Douet managed this \$34 million-dollar project, which involved widening approximately 1.7 miles of Kaliste Saloom Road, a congested major arterial roadway in Lafayette, Louisiana. He led the design team for all three phases, including the construction of a multi-lane modern roundabout and a 5-girder span bridge structure within the project limits. Mr. Douet presented at public meetings, conducted constructability reviews, and managed the construction effort. He was also responsible for the development of a line and grade study that allowed the Lafayette Consolidated Government (LCG) to choose between a 5-lane or 4-lane divided median typical roadway section. The project was split into three phases, which included drainage outfall construction, utility relocations, and roadway construction. Mr. Douet fast-tracked all real estate appraisals, plats, and construction plans.
04/220 - Ongoing	<b>LA 182 (UNIV) @ LA 723 (Renaud) Roundabout (Lafayette Parish, LA)</b> The goal of this project is to design a roundabout which realigns Renaud Drive and Stone Avenue to intersect with University Avenue. This project will include roadway design, hydraulic analysis and design, and utility design. Mr. Douet is serving as Project Manager.
10/21 – 12/22	<b>LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA)</b> Fenstermaker prepared construction plans and acquisition documents for the LA 675 Roundabout at Acadiana Airport Access Roadway in Iberia Parish. The ARA Access Road will be extended to the south to

	connect to LA 675. The roundabout will be constructed at this connection. Reconstruction of the US Frontage Road will also be completed. After receiving LADOTD's comments on the plans, Mr. Douet reviewed and performed quality control on the plan set.
05/13 – 09/19	<b>US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build (Lafayette Parish, LA)</b> Under the Design-Build Contractor, James Construction Group, Mr. Douet was the Lead Design Manager for the preparation of all engineering design components of the proposed upgrading of a portion of US 90 to a 6-lane controlled access facility to also include improvements to the existing east and westbound frontage road system, construction of a new 6-lane US 90 overpass structure over both Albertson Parkway and the existing BNSF railroad facility, and construction of all associated US 90 mainline ramps needed to connect these overpass structures and frontage roads. In this role, Mr. Douet was involved directly in every aspect of the design to include roadway, drainage, traffic, and bridge design as well as the design of Mechanically Stabilized Earth Walls (MSEW) needed to construct the US 90 mainline improvements within existing right of way. In this capacity, he was required to also review all construction related Request for Information to ensure that all responses meet the expectations of LADOTD. Mr. Douet was the Engineer of Record for the final design and construction plans for Phase III of the project's roadway and drainage improvements to include developing calculations, meeting design code, development of design exceptions, and coordination of all QA reviews. Mr. Douet was also directly responsible for the management of four engineering sub-consultants on the design-build team to ensure that all design components met the overall goals and expectations of the project.
01/17 - Ongoing	<b>I-49 South at Verot School Road (LA 339) (Lafayette, LA)</b> Mr. Douet is the Lead Design Engineer responsible for the widening of existing Verot School Road from Pinhook Road (LA 182) to existing US 90 from a 2-lane to a median separated 4-lane roadway facility. Mr. Douet was one of two lead design engineers responsible for the development of a project line and grade study aimed at developing strategies to widen this corridor to reduce right of way and impacts to existing infrastructure. Mr. Douet is also the Lead Design Engineer for the design of a multi-lane roundabout intersection at the new Verot School Rd intersection with South College Rd. In addition, Mr. Douet led the public outreach by coordinating and hosting a public meeting which followed the procedures set forth by the LADOTD
11/13 – 06/15	<b>Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 &amp; LA379) (Calcasieu Parish, LA)</b> Mr. Douet was part of the design team for LADOTD Permit No. 153198, 153357, 153587, a \$12.9 million contract with Fluor for the Sasol LCCP-Heavy Haul Road Engineering and Construction project in Calcasieu Parish, LA. He served as a Senior Design Engineer and aided in the technical analysis, determining geometric modifications necessary for the existing roadway corridor to accommodate oversized modules and ensuring overall safety for the traveling public. Mr. Douet also aided in the development of roadway construction plans, including designing the sub-surface drainage system and performing quality control of all plan submittals. His analysis determined areas where the roadway corridor needed to be widened to provide for the turning radii of the specialized transport modules.

Firm employed by	<b>C.H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	Aimee Latiolais, P.E.	Years of relevant experience with this employer	7
Title	Engineer I	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		B.S. / 2014 / Civil Engineering	
Active registration number / state / expiration date		#42932 / LA / 03-31-2025	
Year registered	2018	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Deputy Project Manager	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
<p>Ms. Latiolais is a Professional Engineer with experience in design, planning, and construction oversight. Ms. Latiolais’s experience is in roadway design, both open channel and subsurface drainage systems, traffic studies, line and grade studies, commercial site design, and design of roundabouts. She has served as a design engineer for a multitude of transportation projects ranging from urban local to collector and arterial roadways.</p>	
09/15 – Ongoing	<p><b>Kaliste Saloom Road Widening, Intersection Improvements, Bridge and CE&amp;I (LA3073 to LA733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA)</b> Ms. Latiolais is currently overseeing the construction of this \$34 million project. Ms. Latiolais is a Design Engineer for the widening of approximately 1.7 miles of Kaliste Saloom Road, an over-capacity major arterial roadway located in the center of Lafayette, Louisiana. Ms. Latiolais was responsible for the subsurface drainage design for the entire project and utility relocations at the roundabout intersection, as well as, creating the official Opinion of Probable Cost and necessary construction documents. She also assisted in permitting and agency coordination with LCG, LADOTD, and DHH. She continues to aid in managing the construction effort on this project.</p>
02/22 – Ongoing	<p><b>LA 182 (UNIV) @ LA 723 (Renaud) Roundabout (Lafayette Parish, LA)</b> The goal of this project is to design a roundabout which realigns Renaud Drive and Stone Avenue to intersect with University Avenue. This project will include roadway design, hydraulic analysis and design, and utility design. Ms. Latiolais is serving as Deputy Project Manager.</p>
06/18 – 6/19	<p><b>US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build (Design Build) (Lafayette Parish, LA)</b> US 90 (I-49 SOUTH) was a \$69.4 million award-winning construction project to widen U.S. Highway 90 from four lanes to a six-lane, control-of-access facility designed to interstate standards. Fenstermaker was the lead design firm through a joint venture with James Construction Group (Primoris) for this high-profile design-build project. Ms. Latiolais worked with the project manager on the guardrail design.</p>
02/17 – Ongoing	<p><b>S.P. No. H.011235.5: I-49 South at Verot School Road (LA 339) (Lafayette Parish, LA)</b> Ms. Latiolais is a Design Engineer responsible for the widening of existing Verot School Road from Pinhook Road (LA 182) to existing US 90 from a 2-lane roadway to a median separated 4-lane roadway facility. She is designing horizontal and vertical roadway elements, intersection improvements to include a multi-lane roundabout, and open channel and subsurface drainage along Verot School Road, South College Road, Hugh Wallis Road, and the Service Road. Ms. Latiolais also aided in the project line and grade study and hosting the public meeting which followed the procedures set forth by LADOTD.</p>

09/15 – 05/17	<b>Lake Charles LNG Traffic Impact and Road Improvements &amp; CE&amp;I (LA384 &amp; LA 385) (Calcasieu Parish, LA)</b> This project included evaluating construction traffic that will be created by three LNG facilities being constructed near Lake Charles, LA, and design of roadway improvements to mitigate the additional traffic. Fenstermaker is also responsible for Construction Engineering and Inspection services for the roadway construction and modifications. Ms. Latiolais utilized AutoTURN to ensure intersection designs were adequate.
03/22 – Ongoing	<b>Roundabout – E. Broussard at Robley Dr. (Lafayette Parish, LA)</b> Fenstermaker designed a modern multi-lane roundabout at the intersection of E. Broussard Road and Robley Drive in Lafayette Parish. Ms. Latiolais performed quality control on the roundabout design and the horizontal alignment and reviewed the work of engineering interns assisting with the project's design.
03/22 – Ongoing	<b>Spanish Trail Ind. Park Access Road (St. Martin Parish, LA)</b> Fenstermaker provided professional engineering and survey services to extend Lake Talon Road to LA 182 (Old Spanish Trail Highway) with an at-grade intersection in St. Martin Parish. Fenstermaker assisted the Parish with all planning efforts including preparing a traffic study, planning and coordinating with the BNSF railroad facility providing topographic survey services, preparing construction plans, preparing and submitting all required permits, and providing construction administration and inspection services. Fenstermaker managed subconsultants for traffic study and geotechnical investigation services. Ms. Latiolais served as the project manager.
09/22 - Ongoing	<b>Improvements to Duchamp Road (St. Martin Parish, LA)</b> Fenstermaker provided professional engineering and survey services for the improvements to the Duchamp Road in St. Martin Parish. The engineering team prepared the roadway and drainage designs. Ms. Latiolais was responsible for preparing and submitting the traffic study report to the Parish.

Firm employed by	<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	Bradford Millett, PLS, EI	Years of relevant experience with this employer	10
Title	Surveyor 1	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	B.S. / 2014 / Civil Engineering		
Active registration number / state / expiration date	#5245 / LA / 03-31-2025 #32848 / LA / 09-30-2024		
Year registered	2020 2016	Discipline	Professional Land Surveyor Engineer Intern
Contract role(s) / brief description of responsibilities	Lead Surveyor, Professional in Charge		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
<p>Ms. Millett is a Professional Land Surveyor at Fenstermaker whose responsibilities consist of field crew coordination, data collection and processing, preliminary layout and design of boundary and right of way plats, ALTA surveys and Development and Planning subdivision platting process. Her experience also includes project management as well as public meetings, client relations, utility coordination, and other components associated with surveying services. Ms. Millett is also responsible for the preparation of proposals for the Engineering, Advanced Technologies and Surveying Divisions.</p>			
07/13 – 09/17	<p><b>Kaliste Saloom Road Widening, Ambassador Caffery Pkwy to E. Broussard Rd, (Lafayette Parish, LA)</b> Fenstermaker was responsible for the widening of approximately two miles of Kaliste Saloom Road, a highly congested major arterial roadway located in the center of the City of Lafayette, Louisiana. The project was then split into three phases to include drainage outfall construction, utility relocations, and roadway construction. Fenstermaker is the direct responsible charge of all design components and construction management for improvements. Ms. Millett assisted with topographic and boundary surveying, utility relocation, right of way plats, drainage design, as-built surveys, and coordination of survey crews in the field for Phases 3A and 3B.</p>		
05/17 – 07/22	<p><b>LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA)</b> Fenstermaker is preparing construction plans and acquisition documents for the LA 675 Roundabout at Acadiana Airport Access Roadway in Iberia Parish. ARA Access Road will be extended to the south to connect to LA 675. The roundabout will be constructed at this connection. Reconstruction of the US Frontage Road will also be completed. Ms. Millett served as the lead surveyor and coordinated all survey services for the project.</p>		
05/13 – 02/20	<p><b>US 90 (I-49 South) Albertson Pkwy to Ambassador Caffery Design-Build (Lafayette Parish, LA)</b> This project was a proposed upgrading of a portion of US 90 in Lafayette Parish to a six-lane controlled access facility to also include improvements to the existing east and westbound frontage road system, construction of a new six-lane US 90 overpass structure over both Albertson Parkway and the existing Burlington Northern Santa Fe Railway facility, and construction of all associated US 90 mainline ramps needed to connect these overpass structures and frontage roads. Ms. Millett was responsible for reviewing all LADOTD right-of-way maps</p>		
09/13 – 10/19	<p><b>Fluor – Sasol LCCP-Heavy Haul Road (LA378 &amp; LA739) (Calcasieu Parish, LA)</b> This was a \$12.9 million contract with Fluor for engineering and consulting services which include the design of a 1.5-mile heavy haul route that will be utilized to transport oversized modules from the Calcasieu River to the proposed plant site in Westlake, Louisiana. Ms. Millett was responsible for topographic and boundary data collection and data processing, as well as the generation of Louisiana Department of Transportation and Development Right</p>		



	of Way Maps for the 1.5-mile corridor to acquire servitudes and right of ways. She was also in charge of utility coordination for the relocation of AT&T lines throughout the route.
04/15 – 2/19	<b>Coach Williams Blvd. Extension (Calcasieu Parish, LA)</b> This project consisted of engineering design services for the construction of the extension of Coach Williams Drive to connect to Houston River Road (LA 379). Fenstermaker is the prime on this project and is responsible for the environmental assessments prior to design, drainage design, pavement design, and the geometrics of the road. In addition, Fenstermaker conducted the surveying required to design the road. Ms. Millett's responsibilities included coordinating and reviewing appraisal reports and plats, coordinating all the topographic and boundary surveys, processing data and coordinating with utility companies within the proposed route.
10/13 – 01/14	<b>LA 3002: U-Turn (Livingston Parish, LA)</b> Fenstermaker was responsible for the improvements made for a J-Turn between North Range Road and South Range Road (LA 3002). Ms. Millett coordinated with the Fenstermaker survey crews to perform topographical survey, boundary survey, and utility relocation. Ms. Millett also assisted the Project Surveyor with the review of title research and right of way maps and processed the survey data.
06/14 – 03/17	<b>East Pont Des Mouton Road Widening &amp; Water/Sewer Design (Lafayette Parish, LA)</b> Fenstermaker was selected to perform engineering design services for the construction of a 1.4-mile four-lane divided curb and gutter roadway with raised median (boulevard section), sidewalks, subsurface drainage, and street lighting. The improvements replaced an existing 2-lane roadway of East Pont des Mouton Road. Ms. Millett completed the required topographic and as-built survey, as well as boundary surveys and right of way plats, as needed.
05/15 – 11/21	<b>Ham Reid Road Extension (Calcasieu Parish, LA)</b> Ham Reid Road is a two-phase, \$14.25 million construction project that includes a unique 1-mile asphalt roadway corridor, incorporating walkability and green infrastructure. The corridor includes a 2-lane (1-lane in each direction with a median) boulevard section with a roundabout located at the intersection of Ham Reid Road and LA 384/Nelson Road. Ms. Millett was responsible for creating survey exhibits, processing survey data, and setting up and updating the project's Falling Weight Deflectometer (FWD) tests.

Firm employed by	<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	Pat Landry, M.S., P.E., PLS	Years of relevant experience with this employer	2
Title	Construction Administrator	Years of relevant experience with other employer(s)	36
Degree(s) / Years / Specialization	B.S. / 1985 / Civil Engineering M.S./ 1989 / Civil Engineering		
Active registration number / state / expiration date	#23442 / LA / 09-30-2023 #4822 / LA / 09-30-2023		
Year registered	1989 1997	Discipline	Civil Engineer Professional Land Surveyor
Contract role(s) / brief description of responsibilities	Quality Control / Quality Assurance		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
<p>Pat Landry, P.E., PLS is a highly experienced construction administrator, inspector, professional engineer, and professional land surveyor. During his 36 years of employment at the Louisiana Department of Transportation and Development (LADOTD), he reached the level of Engineer 9 – District Engineer Administrator. In this role, he was responsible for planning, managing, directing, and evaluating the district engineering functions serving five parishes in the southwest portion of the state, namely Calcasieu, Allen, Beauregard, Cameron, and Jefferson Davis. He was also the appointing authority responsible for supervising a staff of professional, multi-disciplined engineering supervisors, paraprofessional, and technical engineering employees, which included 6 direct reports and 24 indirect reports for a total of 30 funded TO positions. Mr. Landry's extensive experience and expertise have been instrumental in the successful operation and maintenance of the transportation network in several parishes. He has worked closely with local municipalities, including the City of Lake Charles, the City of Sulphur, the City of Westlake, and Calcasieu Parish Police Jury, to coordinate various projects. He has also overseen right-of-way acquisition processes and utility relocations due to proposed project limits. Mr. Landry has performed various construction administration services, including coordinating with contractors, multiple governmental agencies, and landowners. He has also reviewed construction material submittals, geotechnical QA tests, and inspector reports.</p>			
03/21-Ongoing	<p><b>Ham Reid Road Extension (Calcasieu Parish, LA)</b> This is a two-phase, \$14.25M construction project that includes a unique 1-mile asphalt roadway corridor, incorporating walkability and green infrastructure. The corridor includes a 2-lane (1-lane in each direction with a median) boulevard section with intersection improvements including roundabouts. Access management and connection to local roads were considered during the project layout. Mr. Landry is responsible for reviewing construction plans, providing construction administration, supervising inspection, and coordinating utility relocation and conflict resolution.</p>		
03/21 - Ongoing	<p><b>Coach Williams Blvd Extension (Calcasieu Parish, LA)</b> This project consists of the design of a \$20 million – 3-mile roadway extension of Coach Williams to connect to Houston River Rd (LA 379). The new roadway includes a two-lane open ditch typical section with a roundabout, railroad crossing, Sabine River Authority Canal crossing, and will traverse through multiple wetland areas and will traverse over abandoned borrow pits. Mr. Landry is responsible for reviewing construction plans, providing construction administration, supervising inspection, and coordinating utility relocation.</p>		
03/21 – 04/21	<p><b>Red Davis McCollister Road and South Park Drive Roundabout (Calcasieu Parish, LA)</b> This project consists of improving a four-way existing intersection with a single lane roundabout at the intersection of Red David McCollister Road and South Park Drive in Calcasieu Parish. Mr. Landry conducted a Constructability Plan Review, ADT, ESAL, and Pavement Design Verification.</p>		
05/21 - Ongoing	<p><b>CPPJ Farm Road Multi-Bridge Replacement and Roadway Improvement Project (Calcasieu Parish, LA)</b> This project consists of replacing two existing timber bridges located along Farm Road in Calcasieu Parish with CON/SPAN structures, design of roadway</p>		



	improvements for an existing limestone roadway, mill and overlay of existing asphalt roadway, and design of drainage elements such as open ditches and driveways culverts. The bridge structures were required to be designed in accordance with LA DOTD Off-System Bridge Design requirements. Mr. Landry was responsible for construction administration and management tasks such as reviewing drawings, responding to requests for information (RFIs), conducting site visits, reviewing submittals, and estimating quantities.
02/22 - Ongoing	<b>City of Lake Charles Sidewalk Projects (Calcasieu Parish, LA)</b> The sidewalk project involved the design of five separate sidewalk location along existing streets within the city of Lake Charles which included the installation of subsurface drainage and a retaining wall. This project consisted of identifying utility conflicts, following Americans with Disabilities Act (ADA) standards for walking paths, and both City of Lake Charles and DOTD engineering design standards. Mr. Landry was responsible for construction administration and management tasks such as responding to requests for information (RFIs), conducting site visits, reviewing submittals, preparing progress reports, and estimating quantities.
06/21 - Ongoing	<b>Old Spanish Trail and Evergreen Road Intersection Phase II (Calcasieu Parish, LA)</b> Fenstermaker provided engineering design services for Sasol Chemicals (USA) LLC's required improvements to the intersection of Old Spanish trail and Evergreen Road in Calcasieu Parish. The improvements included an additional dedicated turn lane and drainage improvements. Mr. Landry was responsible for the project's construction administration and management.

Firm employed by	<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	James Siffert	Years of relevant experience with this employer	8
Title	Director, Construction Administration	Years of relevant experience with other employer(s)	36
Degree(s) / Years / Specialization	B.S. / 1978 / Agriculture Engineering		
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities	Lead – Construction Proposal Services & Construction Support		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
<p>James Siffert is an expert in all aspects of construction administration Prior to his retirement from USACE in 2014, Mr. Siffert served as the Supervising Engineer for the Structures branch overseeing Construction Administration for Quality Assurance activities for several diverse construction projects. These projects included levee enlargements, navigation channel dredging, guide wall repairs and replacement, relief wells for levee stability, and the coordination of revetment operations for the New Orleans District. At Fenstermaker, Mr. Siffert directs construction administration and coordinates inspection activities for public and private entities to assure contract compliance. Additionally, he works with Design Engineers and Engineer Interns from planning and design through construction to facilitate quality construction on time and under budget. He holds certifications in ATSSA Traffic Control Technician, ATSSA Traffic Control Supervisor, and ATSSA Registered Flagger.</p>			
08/14 – Ongoing	<p><b>Kaliste Saloom Road Widening, Intersection Improvements, Bridge and CE&amp;I (LA3073 to LA733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA)</b> The Kaliste Saloom Road Widening project is from Ambassador Caffery Pkwy (LA 3073) to E. Broussard Rd (LA 733). Fenstermaker is responsible for all design components and construction management for the widening of the existing 2-lane road to a 4-lane facility with a center continuous turn lane to include a subsurface drainage system. Mr. Siffert manages a team of Construction Inspectors to inspect the project for contract compliance.</p>		
07/14 – 10/19	<p><b>US 90, Albertson Parkway to Ambassador Caffery Design-Build Project (Lafayette Parish, LA)</b> This is a Design Build project for the Louisiana Department of Transportation and Development for the Future I-49 South corridor improvements to US Hwy. 90, LA 182, and associated frontage roads in Broussard, Louisiana. The Design Build Team, under James Construction Group, Inc., is responsible for both the design and construction of the following improvements: upgrading a portion of US Hwy. 90 from an existing four-lane facility to a six-lane controlled access facility that meets interstate standards; providing a system of frontage roads that provide connectivity to highways, ramps, and businesses within the project limits; constructing a new US Hwy. 90 overpass structure providing six-lanes at Albertson Parkway along with ramps; removing the existing BNSF bridge structure and construction of a new US Hwy. 90 overpass structure providing sixlanes over the BNSF railroad; providing improvements to existing LA Hwy. 182 and 96; and providing signalization improvements at the intersection of Albertson Parkway and east and westbound frontage roads. Fenstermaker is serving as the lead design firm in charge of all design aspects of the project; managing a total of five sub-consulting engineering firms providing specialized services for the project; providing direct design services for all roadway and drainage improvements; preparing multi-stage sequence of construction and traffic control plans, geometric details, pavement design, and the design of Mechanically Stabilized Earth Walls (MSEW); and has complete design management and construction oversight of this \$60,000,000 design build project under the prime contractor James Construction Group. Mr. Siffert provided construction administration support services.</p>		




07/14 - Ongoing	<b>East Pont Des Mouton Roadway Widening (Lafayette Parish, LA)</b> This project provided upgrades to Pont des Mouton from a two-lane to a four-lane roadway from I-49 East to Louisiana Avenue. The project was valued at \$11.8 million, consisted of 400 working days, and included the installation of a new subsurface drainage system eliminating the existing open ditch drainage, removing the existing roadway, and replacing it with a new four-lane roadway, upgrading the signalization at Moss Street and adding street lighting throughout the project. Mr. Siffert's role was to support Lafayette Consolidated Government in administering the construction contract to ensure contract compliance while delivering a quality product under budget.
01/15 – 12/16	<b>Sasol LCCP – Heavy Haul Road (LA378 &amp; LA 739) (Calcasieu Parish, LA)</b> This contract includes engineering and consulting services for the completion of various aspects of the Sasol Chemicals (USA) LLC – Lake Charles Chemicals Project. Fenstermaker is responsible for the engineering design of the 1.5-mile heavy haul route that will be utilized to transport the oversized modules from the Calcasieu River to the proposed plant site in Westlake, LA. Mr. Siffert was responsible for coordinating construction administration and inspection of the heavy haul route and multiple intersections.
03/20 – 11/22	<b>Acadiana Regional Access Roadway (Iberia Parish, LA)</b> The purpose of this project is to provide a more direct access path to the Acadiana Regional Airport in the future. Fenstermaker was selected to design a two-lane roadway that will connect the LA 3212 and LA 675 in New Iberia, LA with room for a future four-lane roadway. This design consists of the main roadway, one single lane roundabout, and a two-lane roadway that will connect the main road to US-90 Frontage Road with a second roundabout in a future project. Mr. Siffert directed construction administration and construction inspection tasks for this project.
01/15 – 08/20	<b>Andre Street Drainage and Utility Relocation (Lafayette Parish, LA)</b> Construction Administrator: Mr. Siffert was responsible for coordinating the construction administration and inspection of this project. The project consisted of improving approximately 1,200 feet of drainage channel by lining it with concrete lining and articulated block mat. One major lift station will be upgraded in the project to allow for the channel improvements. The new lift station will serve as Carencro's largest lift station, pumping up to 3.2 MGD for present day demand and 9.5 MGD for the 20-year planning period. The project also consists of a 16" sewer force main and 21" sewer gravity main.

Firm employed by	<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	Luke Hebert, P.E., CFM	Years of relevant experience with this employer	19
Title	Director, Engineer	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		B.S. / 2003 / Civil Engineering	
Active registration number / state / expiration date		#34715 / LA / 09-30-2023	
Year registered	2009	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Roadway Design	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
<p>Luke Hebert is a Professional Engineer with experience in engineering design, planning, and project management. During his career, Mr. Hebert has been part of many different types of designs ranging from various roadway types (i.e., local, collector, arterial and freeway), surface and sub-surface drainage systems, water and sewer distribution system and water and sewer treatment. In 2013 Mr. Hebert was appointed by the Mayor of Carencro as the engineer for the City. One of his main focuses is working with developers on new commercial and residential developments. Since 2013 Mr. Hebert has been involved with over 20 new developments located within the City of Carencro and has managed them through planning, construction, and final acceptance. He has also provided Application Preparation, Program Management and Design Services to the City for Community Development Block Grants (CDBG), Facility Planning &amp; Control (FP&amp;C)–Capital Outlay, FEMA, USACE/DOTD, U.S. Dept. of Agriculture (USDA) Loan, Office of Community Development–Community Water Enrichment Fund, and Louisiana Dept. of Health. In total, Mr. Hebert has assisted the City with the acquisition and management of nearly \$18 Million in Federal and State project funding and lead the City to a FEMA Community Rating System Class 7.</p>	
03/11 – 10/16	<p><b>Kaliste Saloom Road Widening, Intersection Improvements, Bridge and CE&amp;I (LA3073 to LA733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA)</b> The project commences approximately 1,500-ft. southwest of E. Broussard Rd (LA Hwy 733) and terminates near Ambassador Caffery Pkwy (LA 3073) and includes a multi-lane modern roundabout. Mr. Hebert served as an engineer on this project and assisted with the roundabout design, including geometrics and other roadway related design and waterline layout and design.</p>
04/17 - Present	<p><b>LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA)</b> Fenstermaker is preparing construction plans and acquisition documents for the LA 675 Roundabout at Acadiana Airport Access Roadway in Iberia Parish. ARA Access Road will be extended to the south to connect to LA 675. The roundabout will be constructed at this connection. Reconstruction of the US Frontage Road will also be completed. Mr. Hebert is serving as the project manager.</p>
05/13 -08/16	<p><b>US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build (Lafayette Parish, LA)</b> Under the Design-Build Contractor, James Construction Group, Mr. Hebert was the Lead Roadway Design Engineer directly responsible for the design of all roadway improvements associated with the upgrading of a portion of US 90 in Lafayette Parish to a 6-lane controlled access facility. It also included improvements to the existing east and westbound frontage road system, construction of a new six-lane US 90 overpass structure over both Albertson Parkway and the existing BNSF railroad facility, and construction of all associated US 90 mainline ramps needed to connect these overpass structures and frontage roads. Mr. Hebert directly designed all horizontal and vertical roadway alignments, typical sections, sequencing of construction, geometric detailing, erosion control, and tabulation of quantities for the contractor. In addition, Mr. Hebert was directly responsible for the layout of Mechanically Stabilized Earth Walls (MSEW), concrete panels used to keep all US 90 mainline improvements within existing right of way.</p>

08/08 – 09/13	<b>Chemin Metairie Parkway, Phase II (Lafayette Parish, LA)</b> This project is Phase II of the previously constructed Phase I roadway which consisted of the planning, design, and construction of a new 3.0-mile arterial roadway to serve growing traffic demands of the City of Youngsville, Louisiana. Phase II of this project commenced at LA Hwy. 89 and terminated at US Hwy. 90. In the early planning stages of the project, Mr. Hebert directly assisted the Lead Engineer with preparing preliminary line and grade studies to best minimize impacts to both the environment and existing developments of the city.
12/08 – 08/18	<b>East Pont des Mouton, Phase II Roadway Widening (Lafayette Parish, LA)</b> Mr. Hebert was the Lead Design Engineer for roadway widening improvements of East Pont des Mouton, Phase II commencing at the Interstate 49 for Lafayette Consolidated Government. This project entailed the widening of a 2-lane asphalt road into a 5-lane, concrete urban arterial road. Mr. Hebert was responsible for all horizontal and vertical alignments, typical sections, utility relocation, geometric detailing, intersection design, drainage design, sequencing of construction, quantity calculations, and the production of plans and specifications. Mr. Hebert also acted as the Lead Construction Engineer.
12/15 – 01/17	<b>Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 &amp; LA379) (Calcasieu Parish, LA)</b> Mr. Hebert served as a Project Engineer for Fenstermaker's \$11.4 million engineering and consulting contract with Fluor. Fenstermaker was responsible for the engineering design of the 2.4-mile heavy haul route that was utilized to transport the oversized modules from the Calcasieu River to the proposed plant site in Westlake, Louisiana. Mr. Hebert was directly responsible for design of intersection improvements at the John Stine/Sampson, Houston River Road /Beglis, and Sulphur/Sampson intersections.
10/14 – 03/21	<b>Ham Reid Road Extension (Calcasieu Parish, LA)</b> Ham Reid Road is a two-phase, \$14.25 million construction project that includes a unique 1-mile asphalt roadway corridor, incorporating walkability and green infrastructure. The corridor includes a 2-lane (1-lane in each direction with a median) boulevard section with a roundabout located at the intersection of Ham Reid Road and LA 384/Nelson Road. Mr. Hebert was responsible for the waterline layout.
08/17 - Ongoing	<b>Red Davis McCollister Road and South Park Drive Roundabout (Calcasieu Parish, LA)</b> This project consists of improving a four-way existing intersection with a single lane roundabout at the intersection of Red David McCollister Road and South Park Drive in Calcasieu Parish. Mr. Hebert served as the project manager.
03/16 – 09/17	<b>Apollo Rd (LA 93) Extension to Dulles Drive (Lafayette Parish, LA)</b> Fenstermaker was selected to provide engineering services to the City of Scott to extend Apollo Rd to Dulles. This \$15 million construction project includes 2.2 miles of a four-lane boulevard and 6-ft. sidewalks to accommodate both bicyclist and pedestrians. The new roadway intersects LA 90 and LA 93, which were designed for a bow-tie intersection and roundabout, respectively. Mr. Hebert was responsible for quality control of the final design plans prior to advertisement.


Firm employed by	C. H. Fenstermaker & Associates, L.L.C.		
Name	Jessica Pousson, P.E.	Years of relevant experience with this employer	9
Title	Engineer I	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 2015 / Civil Engineering	
Active registration number / state / expiration date		#43716 / LA / 03-31-2024	
Year registered	2019	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Roadway Design	
			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
<p>Ms. Pousson is a Professional Engineer whose responsibilities include civil design of various elements such as roadway design, design of roundabouts, traffic impact analysis, drainage design, hydraulic and hydrologic modeling, municipal engineering, and civil site design. Her experience also includes project management as well as public outreach coordination and development of various transportation, drainage, and construction documents. She has developed technical reports, construction estimates, and obtained permits from various agencies. She has served as the lead design engineer and project manager on various projects for private, state, and smaller municipal clients. Ms. Pousson is experienced in utilizing local, state, and federal design guidelines and requirements on various projects including MUTCD, AASHTO, FHWA, Louisiana Department of Transportation and Development (LADOTD) standards, and other municipal ordinances.</p>			
10/18 – Ongoing	<p><b>LA 675 Roundabout at ARA Access Road (Iberia Parish, LA)</b> Ms. Pousson serves as the Project Manager for the LA 675 Roundabout project. This project includes designing a 5-legged roundabout which ties into a newly designed boulevard extension that provides a connection from LA 3212 (Prairie Road) to LA 675 (Jefferson Island Road). She has prepared 60%, 95% and 100% Preliminary Plans for LADOTD submittal. She analyzed the existing and proposed drainage and drafted a report containing the proposed ditch cross sections and structure sizes and respective HYDRWIN results. Ms. Pousson coordinated with state agencies, Iberia Parish Government, and utility companies for a plan in hand meeting to discuss the project’s scope of work and constructability. Ms. Pousson also prepared exhibits and informational resources and coordinated public outreach for public meetings that informed the local community of the project limits and design features.</p>		
08/17 - Ongoing	<p><b>Red Davis McCollister Road and South Park Drive Roundabout (Calcasieu Parish, LA)</b> Ms. Pousson is currently serving as the Lead Design Engineer on this project. Ms. Pousson coordinated with survey crews to obtain topographic survey and reviewed survey data to establish project baselines and limits. Jessica prepared horizontal and vertical alignments based on existing survey data and most current LIDAR available. She utilized AutoTURN to determine the necessary geometry criteria based on the client provided traffic requirements. Ms. Pousson also prepared project plan sheets including but not limited to typical sections, plan/profiles, existing and design drainage maps, geometric details, signing and marking details, and cross section sheets. In addition to analyzing the survey data collected, Ms. Pousson coordinated with Calcasieu Parish to obtain as-built information to evaluate existing drainage structures and hydraulic conditions. She utilized modeling software, including HYDRWIN, and developed proposed drainage layout following local ordinances and polices, including open ditch, cross drain, and box culvert design. Ms. Pousson prepared a drainage report containing the existing draining criteria, proposed ditch cross sections, structure sizes and respective drainage model results. Ms. Pousson coordinated with the client, Calcasieu Parish Police Jury, concerning preliminary right of way layout based on project design and client preferred future needs (future</p>		

	<p>utility easement and possible roadway expansion) and coordinated the preparation of the right of way plats. Jessica coordinated with a landscape architect concerning the landscaping design and drainage/irrigation of the center island that utilized LID (Low Impact Development) design criteria. Ms. Pousson also coordinated with the electric company's local office to develop a lighting design for the roundabout based on standards and criteria provided by the Parish. Ms. Pousson provided project management including scheduling meetings, preparing follow up meeting minutes, updating project schedules based on submittals and other project milestones. Towards final plans, the client indicated that portions of a proposed waterline for a local municipality needed to be included in the project's scope of work. Ms. Pousson coordinated with a local engineering firm, Manchac Consultants, Inc., to obtain design files and technical specifications to include in the final plans.</p>
05/14 – 02/17	<p><b>Lake Charles LNG Traffic Impact Analysis and Road Improvements (LA384 &amp; LA385): LADOTD Permit No. 153351, 153352, 153353 (Calcasieu Parish, LA)</b> Ms. Pousson served as the Project Manager for the Calcasieu Point Development project. This project included evaluating construction traffic that will be generated by three LNG facilities, designing roadway improvements for three intersections to mitigate the additional traffic generated, and performing construction administration services. Ms. Pousson assisted in the analysis of the proposed traffic generated by the facilities and utilized SYNCHRO to model different scenarios for the LNG facilities' construction schedule and phasing. In addition to assisting roadway design efforts, Ms. Pousson revised drainage models based on updated local ordinances concerning drainage and municipal preferences based on agency coordination. She prepared Preliminary Plans and Final Plans in accordance with LADOTD Design Standards. Ms. Pousson also coordinated with the client, contractor and subcontractor, Calcasieu Parish Police Jury, and LADOTD throughout the project's construction concerning field conditions, engineering design parameters, and public outreach.</p>


Firm employed by	<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	Carson Washington, P.E.	Years of relevant experience with this employer	7
Title	Engineer I	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		B.S. / 2015 / Civil Engineering	
Active registration number / state / expiration date		#43722 / LA / 03-31-2024	
Year registered	2019	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Roadway Design	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
<p>Mr. Washington is a Professional Engineer with experience in project management, roadway design, drainage design, hydraulic and hydrologic modeling, design of roundabouts, municipal engineering, construction administration, construction inspection, utility coordination and public agency coordination. His experience includes the preparation of drainage maps, preliminary layout and design of residential subdivisions, design of utilities, drainage and roadways improvements, preparation of change orders and other construction related services, surveying, cost estimates and other components associated with the development of residential subdivisions.</p>	
07/18 – 08/18	<p><b>Verot School Road Interchange at U.S. Hwy 90 (Lafayette Parish, LA)</b> I-49 South at Verot School Rd. (LA 339) is part of the upgrade of US 90 through Lafayette Parish to a fully controlled access facility meeting. This roadway meets highway design standards as a section of the Future I-49 corridor. A sub-consultant to Huval &amp; Associates, Fenstermaker performed engineering design services for improvements to the existing intersection of U.S. Hwy 90 (US 90) (Future I-49 South) and Verot School Road. Fenstermaker was responsible for preparing and hosting the public meeting to update the project’s 2005 NEPA Environmental Impact Statement (EIS), designing all roadway and drainage, and coordinating all utility relocations within the corridor. Mr. Washington reviewed and performed quality control on the subsurface utility engineering (SUE) plans and CAD files and developed the utility conflict matrix.</p>
01/20 - Ongoing	<p><b>LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA)</b> This project included the design of a new roadway beginning at the intersection of LA 3212 (Prairie Rd) and Grand Prairie Rd with an approximate 1,300-foot extension that intersects with LA 675 (Jefferson Island Rd). Significant features of this project include a 5-legged roundabout, a boulevard extension, and outfall channel regrading. Mr. Washington provided engineering support and quality control on servitude regrading, roundabout design, inlet spacing, construction drawings, submittals, and drainage design plans.</p>
06/16 – 07/16	<p><b>Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 &amp; LA379) (Calcasieu Parish, LA)</b> Mr. Washington assisted with the construction closeout of the 2.4-mile heavy haul route that was utilized to transport the oversized modules from the Calcasieu River to the proposed plant site. It involved coordination with local, state, and federal agencies to obtain required permits, as well as multiple local utility companies regarding relocations of their facilities.</p>
06/16 – Ongoing	<p><b>Ham Reid Road Extension (Calcasieu Parish)</b> Mr. Washington is the Deputy Project Manager for the engineering design of the Ham Reid Road Extension between Elliott Road and LA 384 (Big Lake Rd), which includes roundabouts at both existing intersections. This project involved extensive utility coordination and required an in-depth knowledge of both the CPPJ and LADOTD’s roadway and drainage engineering design standards. A Low-Impact Development (LID) design was incorporated to minimize the impacts of the proposed improvement. Mr. Washington was responsible for utility and public agency coordination, design of new and existing roadway</p>

	improvements, design of drainage improvements, development of various required reports, assisted in bidding, and performing Construction Administration duties.
07/19 – Ongoing	<b>City of Lake Charles – 2019 Sidewalk Construction (Calcasieu Parish, LA)</b> This project involves the design of five separate sidewalk locations along existing streets with the city of Lake Charles which includes the installation of ADA-compliant compliant paths and walkways, subsurface drainage, and retaining walls. This project dealt with identifying utility conflicts, following the Americans with Disabilities Act (ADA) current standards for walking paths, and both City of Lake Charles and DOTD engineering design guidelines. Mr. Washington was lead design engineer responsible for layout of sidewalks and driveways, design of subsurface drainage, preparing and assisting with the bidding process, and aiding in construction administration duties.
01/20 – 03/20	<b>Red Davis McCollister Road and South Park Drive Roundabout (Calcasieu Parish, LA)</b> This project consists of improving a four-way existing intersection with a single lane roundabout at the intersection of Red David McCollister Road and South Park Drive in Calcasieu Parish. Mr. Washington provided engineering design support by performing a pre/post analysis to determine the impacts of the proposed improvements on the existing site drainage.
05/21 - Ongoing	<b>Old Spanish Trail and Evergreen (Calcasieu Parish, LA)</b> Fenstermaker was contracted by Sasol Chemicals LLC to perform roadway intersection improvements along two parish roads to improve access to an existing Matheson Gas plant due to their expansion project. The improvement design included roadway geometrics, subsurface drainage system, water main relocation, and sewer force main relocation. Mr. Washington was responsible for QC of the proposed drainage system as well as the design engineer responsible for the water and sewer relocations.

C. H. Fenstermaker & Associates, L.L.C.					
Name	Anna Doucet, P.E.		Years of relevant experience with this employer	8	
Title	Manager, Engineer		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization		B.S. / 2014 / Civil Engineering			
Active registration number / state / expiration date		#43469 / LA / 09-30-2023			
Year registered	2019	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities		Drainage Design			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
<p>Anna Doucet is a highly experienced Professional Engineer with expertise in various areas such as roadway design, hydrologic and hydraulic modeling, project management, and construction management for both water resource and transportation projects. She has worked on various civil design projects for different clients including Calcasieu Parish Police Jury, Sasol, Lafayette Consolidated Government, and the City of Scott. She has also coordinated with several agencies, including LADOTD, FEMA, GOHSEP, and several local municipalities. Ms. Doucet has served as project manager and deputy project manager on multi-million-dollar projects for both the public and private sector.</p>					
07/16 - Ongoing	<p><b>Kaliste Saloom Road Widening, Intersection Improvements, Bridge and CE&amp;I (LA3073 to LA733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA)</b> The project commences approximately 1,500 feet southwest of E. Broussard Rd (LA Hwy. 733) and terminates near Ambassador Caffery Parkway (LA 3073). Fenstermaker was in direct responsible charge of all design components and construction management. Ms. Doucet assisted with the sampling plan and the 2059 form required by DOTD.</p>				
08/15 – 10/15	<p><b>US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build (Lafayette Parish, LA)</b> Under the Design-Build Contractor, this project consists of upgrading a portion of US 90 in Lafayette Parish to a six-lane controlled access facility to also include improvements to the existing east and westbound frontage road system, construction of a new six-lane US 90 overpass structure over both Albertson Parkway and the existing BNSF railroad facility, and construction of all associated US 90 mainline ramps needed to connect these overpass structures and frontage roads. Ms. Doucet assisted with Quality Control for the drainage design.</p>				
02/16 - Ongoing	<p><b>Apollo Rd (LA 93) Extension to Dulles Drive (Lafayette Parish, LA)</b> Ms. Doucet serves as the deputy project manager for this \$15 million construction project in the City of Scott. She also assisted with drainage design and quantities of Phase 1 for this project. For the Phase 2 portion of this project, Ms. Doucet is the Engineer of Record. She completed final roadway design plans, which included a roundabout design, utility relocation coordination, agency coordination, and will assist in construction administration. This project includes 2.2 miles of dual six-foot sidewalks and a pedestrian bridge to connect the corridor to the Acadiana High School. She was also responsible for the subsurface drainage design in combination with the paved gutter drains draining into open ditches. The last aspect of this project is the Community No Rise associated with the road improvements in this area for which Ms. Doucet is also the Engineer of Record.</p>				
02/15 – 04/18	<p><b>Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 &amp; LA379) (Calcasieu Parish, LA)</b> This project included widening an existing State Route through the City of Westlake and unincorporated areas of Calcasieu Parish west of Westlake. It involved coordination with local, state and federal agencies to obtain required permits, as well as multiple local utility companies regarding</p>				

	relocations of their facilities. Ms. Doucet served as the deputy project manager on this \$60 million construction project as well as assisted in reviewing construction submittals, utility coordination, and field investigations.
04/15 – 04/19	<b>Coach Williams Extension (Calcasieu Parish, LA)</b> This project includes roadway and drainage design for a 3-mile connector through virgin territory and a roundabout intersection. Ms. Doucet was involved with the preliminary alignment study, engineering design and plans. As part of this project team, Ms. Doucet assisted in roadway design, cost estimation, and drainage design. Ms. Doucet is also the deputy project manager for the construction implementation of this almost \$19 million project.
02/15 – 04/18	<b>Sasol Chemicals (USA) LLC - Road Traffic Intersection Improvements (USA) LLC (Calcasieu Parish, LA)</b> This project involves several intersection improvements on existing State Routes and in unincorporated areas of Calcasieu Parish to mitigate additional traffic from an LNG facility expansion. It involves roadway and drainage improvement design, as well coordination with the necessary agencies for QC reviews and permitting. Ms. Doucet assisted in utility design, construction management, and QC/QA reviews.
11/13 – 08/17	<b>RaceTrac Drainage Impact Analysis (Lafayette Parish, LA)</b> Hydraulics and Hydrology Engineer: This project involved analyzing a proposed site development and its drainage impacts. Ms. Doucet had to evaluate drainage design of the site and determine if the post runoff, after development, met the requirements set forth by Lafayette Consolidated Government. She completed the delineating of drainage basins, modeling the drainage system in HydroCAD, and agency coordination. Ms. Doucet also completed the final drainage impact analysis report.
06/17 – 03/18	<b>Ham Reid Road Extension (Calcasieu Parish, LA)</b> Ham Reid Road is a two-phase, \$14.25 million construction project that includes a unique 1-mile asphalt roadway corridor, incorporating walkability and green infrastructure. The corridor includes a 2-lane (1-lane in each direction with a median) boulevard section with a roundabout located at the intersection of Ham Reid Road and LA 384/Nelson Road. Ms. Doucet was responsible for the project's drainage design.

Firm employed by		C. H. Fenstermaker & Associates, L.L.C.		
Name	Nick Castille, E.I.	Years of relevant experience with this employer	3	
Title	Engineer Intern	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization		B.S. / 2019 / Civil Engineering		
Active registration number / state / expiration date		#34130 / LA / 03/31/2024		
Year registered	2019	Discipline	Engineer Intern	
Contract role(s) / brief description of responsibilities		Roadway Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
<p>Nicholas Castille is an Engineer Intern and has experience in design, planning, and hydraulic modeling. His core experience is in hydrologic and hydraulic modeling, open channel drainage systems, and subsurface drainage systems. He assists with various engineering design tasks including roadway plan and preparation, horizontal geometric design, inspections, design of geotechnical features, design of open and closed drainage systems, and hydrologic and hydraulic modeling.</p>				
11/19 - Ongoing	<p><b>Kaliste Saloom Road Widening &amp; Intersection Improvements - LA3073 to LA733 (Lafayette, LA)</b> The Kaliste Saloom Road Widening project from Ambassador Caffery Parkway (LA 3073) to E. Broussard Road (LA 733) was designed to be a walkable urban thoroughfare with bike lanes according to Complete Streets, and Context Sensitive Solutions (CSS) guidelines which commences approximately 1,500 feet southwest of E. Broussard Road (LA Hwy. 733) and terminates near Ambassador Caffery Parkway (LA 3073). Fenstermaker was in direct responsible charge of all design components and construction management for improvements. Mr. Castille reviewed project plans, progress reports, and managed the payment applications and change orders for this project.</p>			
04/22 - Ongoing	<p><b>LA 182 (UNIV) @ LA 723 (Renaud) Roundabout (Lafayette Parish, LA)</b> The goal of this project is to design a roundabout which realigns Renaud Drive and Stone Avenue to intersect with University Avenue. This project will include roadway design, hydraulic analysis and design, and utility design. Mr. Castille's tasks included setting up the GIS working file and incorporating various data such as aerial imagery, LiDAR, soils data, land cover data, hydrologic units, and derived contours. He worked on geotechnical boring layouts, updated the roundabout geometry, performed Autoturn analyses, and collaborated with the traffic engineer and other staff. He researched and determined appropriate signage and taper distances, reviewed turn lane configurations, and performed a SIDRA analysis. He worked on vertical alignment and investigated drainage slopes. He also managed project files in Projectwise and prepared submittals.</p>			
10/20 – 02/22	<p><b>Verot School Interchange at U.S. Highway 90 (Lafayette Parish, LA)</b> As a sub-consultant to Huval &amp; Associates, Fenstermaker performed engineering design services for improvements to the existing intersection of U.S. Highway 90 (US 90) (Future I-49 South) and Verot School Road. Mr. Castille worked on the roadway striping plans and quantities tables and reviewed drainage patterns and designs.</p>			
12/19 – 1/21	<p><b>Apollo Road (LA 93) Extension to Dulles Drive (Lafayette Parish, LA)</b> Fenstermaker was selected to provide engineering services to the City of Scott, Louisiana to extend Apollo Road to Dulles Drive. The new roadway intersects LA 93, which was designed for a roundabout. Mr. Castille worked on the project drainage areas, roadside channel design, and roadway inlet spacing as well as construction quantity calculations and plan production.</p>			

Firm employed by	<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	Dustin Guidry, EI	Years of relevant experience with this employer	10
Title	Engineer Intern	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	B.S. / 2019 / Civil Engineering B.S. / 2008 / General Studies		
Active registration number / state / expiration date	#34146 / LA / 03-31-2024		
Year registered	2019	Discipline	Engineer Intern
Contract role(s) / brief description of responsibilities	Construction Administration		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/17 – 05/18	<b>LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA)</b> Fenstermaker prepared construction plans and acquisition documents for the LA 675 Roundabout at Acadiana Airport Access Roadway in Iberia Parish. ARA Access Road will be extended to the south to connect to LA 675. The roundabout will be constructed at this connection. Reconstruction of the US Frontage Road will also be completed. Mr. Guidry served as an engineer intern and was responsible for assisting with the preparation and review of the construction plans.		
10/15 – 06/19	<b>Kaliste Saloom Road Widening, Intersection Improvements, Bridge and CE&amp;I (LA3073 to LA733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA)</b> The Kaliste Saloom Road Widening project is from Ambassador Caffery Pkwy (LA 3073) to E. Broussard Rd (LA 733). The project commences approximately 1,500’ southwest of E. Broussard Rd (LA Hwy 733) and terminates near Ambassador Caffery Pkwy (LA 3073). Fenstermaker is in direct responsible charge of all design components and construction management for improvements. Mr. Guidry provided inspection services for this project. As an inspector, Mr. Guidry oversaw the installation of drainage outfalls, utility installations, embankment, base course, and asphalt paving operations.		
10/13 – 11/13	<b>East Pont Des Mouton – Roadway Widening &amp; Water/Sewer Design (Lafayette Parish, LA)</b> Fenstermaker was selected to perform engineering design services for the construction of a 1.4 mile four-lane divided curb and gutter roadway with a raised median (boulevard section), sidewalks, subsurface drainage, and street lighting. The improvements replaced an existing 2-lane roadway of East Pont des Mouton Road. This project involved the conversion of a two-lane asphalt road to a five-lane concrete road and the installation of approximately 14,300 feet of subsurface drainage including 1,400 feet of 84” RCP. Fenstermaker also provided construction inspection services for this project. Mr. Guidry provided inspection, CADD and construction administration services for this project. As an inspector, Mr. Guidry oversaw the installation of subsurface drainage, embankment, base course and PCC pavement operations.		
03/16 - Ongoing	<b>Apollo Road (LA 93) Extension to Dulles Drive (Lafayette Parish, LA)</b> Fenstermaker performed all topographic survey of cross streets and road tie-ins, cross sections for the purpose of an existing elevation DTM, and locations of all parcel boundaries effected by the proposed right of way in the City of Scott. Mr. Guidry provided inspection services for the water and sewer installation and provided CADD services for this project.		
05/13 – 08/16	<b>US 90 (I-49 South) Design Build (Lafayette Parish, LA)</b> This is a Design Build project for the Louisiana Department of Transportation and Development for the Future I-49 South corridor improvements to US Hwy. 90, LA 182, and associated frontage roads in Broussard,		





	Louisiana. Fenstermaker is the Design Engineer for the Design-Build Contractor, James Construction Group. Mr. Guidry provided CADD services for this project.
06/22 – Ongoing	<b>Acadiana Regional Access Roadway (Iberia Parish, LA)</b> The purpose of this project is to provide a more direct access path to the Acadiana Regional Airport in the future. Fenstermaker was selected to design a two-lane roadway that will connect the LA 3212 and LA 675 in New Iberia, LA with room for a future four-lane roadway. This design consists of the main roadway, one single lane roundabout, and a two-lane roadway that will connect the main road to US-90 Frontage Road with a second roundabout in a future project. Mr. Guidry provided construction administration and management services for the project, including preparing submittals, coordinating change order tasks, reviewing daily and inspection reports, and conducting site visits.
05/15 - Ongoing	<b>Coach Williams Drive Extension &amp; Roundabout (Calcasieu Parish, LA)</b> Fenstermaker served as the prime consultant on this \$18.4 million, multidisciplinary project consisting of engineering design services for the construction of the extension of Coach Williams Drive to connect to Houston River Road (LA 379). This road is approximately 3 miles in length and was designed as a 2-lane open ditch urban collector. Mr. Guidry provided construction administration and management services for the project, including estimating quantities and costs, responding to requests for information (RFIs), reviewing inspection reports, and conducting field visits.


Firm employed by	<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	Chris Guidry	Years of relevant experience with this employer	25
Title	Manager, Environmental Specialist	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		B.S. / 1986 / Environmental and Sustainable Resources	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Permitting / Permit Drawings	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
<p>Mr. Guidry’s experience primarily consists of environmental compliance and securing federal, state, and local permits. Mr. Guidry’s duties include overall project management and field investigation support for Environmental Due Diligence projects. He also manages Phase I Environmental Site Assessment projects for commercial and private development clients. Mr. Guidry has prepared Storm Water Pollution Prevention Plan manuals and conducted inspections for construction activities associated with pipeline projects as required by the Environmental Protection Agency’s (EPA) National Pollutant Discharge Elimination System (NPDES) Storm Water Multi-Sector General Permit. Mr. Guidry also has experience in Wetland Delineations, Wetland Characterization, Wetland Damage Assessment, Wetland Permitting, and Environmental Project Management. He has secured mitigation contracts from approved Wetland Mitigation Banks, which offset wetland impacts because of wetland permits that are issued by the US Army Corps of Engineers and the Department of Natural Resources Coastal Management Division.</p>	
08/10 – 05/15	<p><b>Kaliste Saloom Road Widening, Intersection Improvements, Bridge and CE&amp;I (LA3073 to LA733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA)</b> Fenstermaker was selected to perform engineering design services for the roadway construction of approximately 2 miles of a 5-lane concrete roadway, a 5-lane bridge over the Isaac Verot Coulee, and a multilane modern roundabout at the intersection of E. Broussard Road and Kaliste Saloom Road. Fenstermaker provided construction administration, including contractor payments and necessary change orders, and inspection services were provided daily. Additionally, Fenstermaker performed engineering design services for the relocation of all water and sewer utilities within a 2-mile section of Kaliste Saloom Road. This section of roadway was considered a densely populated, high traffic project site. Fenstermaker prepared construction drawings for three phases which consisted of widening the road to a multi-lane roadway section, utility relocation, and drainage outfalls. Mr. Guidry reviewed the wetland delineation report, permitting maps, and permit applications.</p>
02/15 – 05 /17	<p><b>Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 &amp; LA379) (Calcasieu Parish, LA)</b> Mr. Guidry’s responsibilities included overall environmental project management and Permit Agent for Fenstermaker’s \$11.4 million engineering and consulting contract with Fluor. Permits acquired include securing railroad, State Highway, and Parish Road Crossing Permits.</p>
04/15 - 04/18	<p><b>Coach Williams Boulevard Extension (Calcasieu Parish, LA)</b> Mr. Guidry’s responsibilities included overall environmental project management, QA/QC of collected wetland delineation data, report preparation, and permit agent. Permits acquired include securing USACE Jurisdictional Determination and USACE Permits for jurisdictional wetland and water impacts.</p>
01/15 – 01/17	<p><b>I-10: E JCT I-49 to Atchafalaya Floodway (Lafayette &amp; St. Martin Parishes, LA)</b> Fenstermaker conducted a routine wetland delineation. The proposed project required pavement rehabilitations and additional travel lanes along I-10, from the east junction of LA</p>


	HWY 328 continuing eastward to the Atchafalaya Floodway Bridge. The wetland delineation was limited to the existing road ROW. Mr. Guidry served as the project manager for this wetland delineation.
04/12 – 10/12	<b>Widening US 84 from LA 772 to East of Hair Creek Bridge EA (LaSalle Parish, LA)</b> Mr. Guidry directed the field wetland delineation, report production, data organization and processing, and wetland boundary map development for this environmental assessment under NEPA standards.
05/10 – 11/10	<b>LA DOTD Northwest Louisiana Council of Governments Wafer Road Extension (Bossier Parish, LA)</b> Mr. Guidry's responsibilities included field wetland delineation, project management and wetland report production, data organization and processing, and wetland boundary map development for this environmental assessment under National Environmental Policy Act (NEPA) standards.
06/14 – 11/15	<b>Lake Charles LNG Traffic Impact Analysis and Road Improvements (LA384 &amp; LA385): LADOTD Permit No. 153351, 153352, 153353 (Calcasieu Parish, LA)</b> Mr. Guidry was the environmental project manager for this proposed road improvement project (Calcasieu Point Development) for W Lincoln RD and LA385 located in the Coastal Zone of Louisiana, south of Lake Charles. Mr. Guidry's responsibilities included overall environmental project management, QA/QC of collected wetland delineation data, report preparation, and permit agent. Permits acquired include securing a US Army Corps of Engineers (USACE) Jurisdictional Determination, USACE Permit, and LDNR Office of Coastal Management (OCM) permit for jurisdictional wetland and water impacts.

Firm employed by			
Name	Akhil Chauhan, PE, PTOE, PTP, PMP	Years of relevant experience with this employer	14
Title	Principal Traffic and Safety Engineer	Years of relevant experience with other employer(s)	6
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.033703 / LA / Exp. 09/2024; PTOE #2544 / USA / Exp. 11/2023 PTP #246 / USA / Exp. 12/2024; PMP #1444676 / USA / Exp. 08/2023	
Year registered	2008	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Senior Traffic and Safety Engineer	
Experience dates	Experience and qualifications relevant to the proposed contract		
	<p>Mr. Chauhan is a Principal Traffic Engineer with over 20 years of applied research and industry experience in the fields of traffic engineering, traffic modeling and simulation, transportation planning, demand modeling/forecasting, intersection/corridor analysis, warrant analysis, signal design, safety studies, and access management. Akhil has successfully led, managed, and mentored numerous projects and personnel 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 Highway Capacity Software, Vistro, Synchro, Sidra, Vissim, MITSIM, Dynameq, DynaMIT, TransCAD, Visum, and OREMS. Mr. Chauhan has completed the LADOTD Traffic Engineering Process and Report Training.</p>		
08/13 – 01/20	<b>Traffic Engineering IDIQ Contracts, LADOTD, Statewide, LA.</b> <i>Contract/Project Manager.</i> Provided contract management and served as lead technical advisor for task orders issued under two traffic engineering IDIQs. Services provided included a range of traffic engineering services including traffic data collection, intersection and corridor studies, traffic modeling, signal warrant analysis and timing optimization, alternative development and conceptual design, signal design, traffic signal inventory, and safety analysis / improvements. Arcadis developed the first mesoscopic models using Dynameq for the state of Louisiana.		
12/16 – 02/20	<b>Traffic Signal Engineering IDIQ, LADOTD, Statewide, LA.</b> <i>Contract/Project Manager.</i> Provided contract management and served as lead technical advisor for task orders issued under this IDIQ. Services provided included a range of traffic engineering services including traffic data collection, traffic modeling and analysis, signal timing optimization, traffic signal inventory, traffic signal design plans, construction cost estimates, and quantities.		
11/20 – Ongoing	<b>I-10 CMAR – Traffic Engineering Services, LADOTD, East Baton Rouge Parish, LA.</b> <i>Contract/Project Manager.</i> Responsible for contract manager and technical advisory of all traffic engineering tasks including development of permanent signing plans, signal design and timing plans, Interchange Modification Reports, and Transportation Management Plans for the widening of Interstate-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. 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 using Dynameq to determine the impacts during construction and mitigations that will be necessary to minimize delay.		
08/14 – 03/21	<b>Safety Studies IDIQ Contracts, LADOTD, Statewide, LA.</b> <i>Contract/Project Manager.</i> Provided contract management and served as lead technical advisor for task orders issued under two safety studies IDIQs. Services provided included a range of engineering services including safety and traffic studies, historical crash analysis, collision diagram development, identification of safety		


	deficiencies, traffic data collection, development of safety countermeasures, Highway Safety Manual predictive methods, Stage 0 feasibility studies and documentation, traffic modeling and analysis, intersection and corridor studies, and access management improvements.
01/18 – Ongoing	<b>Traffic Engineering IDIQ - I-20 Mesoscopic Model and TMP Using Dynameq, LADOTD, Bossier Parish, LA. <i>Contract Manager.</i></b> Responsible for supervising development of mesoscopic traffic model using Dynameq to predict queueing, delay and alternate travel patterns due to planned construction on I-20 to replace pavement. The project scope includes development and calibration of mesoscopic model, analysis of alternative routes, safety analysis, operational analysis, assistance with public outreach, development of a Level 4 TMP, and development of work zone mitigation strategies.
06/19 – 12/19	<b>Traffic Signal Design IDIQ - EBR Signal Upgrades and Design, LADOTD, East Baton Rouge Parish, Louisiana. <i>Contract Manager.</i></b> Responsible for technical oversight and supervision of the development of design and timing plans for upgraded signal detection at 39 signalized intersections from video detection systems to wireless vehicle detection systems (magnetometers).
01/14 – Ongoing	<b>Pete's Highway Traffic Study and Environmental Assessment, LADOTD, Denham Springs, LA. <i>Principal Engineer.</i></b> Responsible for contract management and deliverables for the project which included traffic and safety analysis, signal timing and warrant analysis, alternative screening and analysis, preliminary roadway and bridge design, line and grade, Interchange Modification Report, and Environmental Assessment. Purpose of the project is to improving operations and safety along Range Avenue.
04/13 – 12/13	<b>LA 1 at Rondinaud Lane Signal Upgrades, City of Donaldsonville, Ascension Parish, LA. <i>Project Manager.</i></b> Produced traffic signal design and timing plans and traffic signal inventory (TSI) forms according to LADOTD standards. The signal modification was necessary as a new approach was added to the intersection of LA 1 at Rondinaud Lane. The updated signal required new timing parameters, intersection sketches, wiring diagrams, quantity estimates, and logging signal modifications.
08/14 – 05/15	<b>Highland-Burbank Connector, City of Baton Rouge - Green Light Program, East Baton Rouge Parish, LA. <i>Project Manager.</i></b> Responsible for design study to evaluate north-south connector and capacity and access management improvements. Alternatives considered restricted intersection types in addition to conventional treatments. Conducted signal warrant analysis and developed signal timings and design plans, including cycle lengths, green times, and clearance intervals.
04/16 – 09/18	<b>Safety Studies IDIQ - New Orleans Pedestrian Safety Improvements and Design, LADOTD, Orleans Parish, LA. <i>Principal Engineer.</i></b> Preparation of Stage 0 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 (for both vehicles and pedestrians), analysis of existing traffic conditions, signal warrant analysis, historic crash data evaluation, investigation of safety deficiencies at each intersection, recommendation of traffic and safety improvements such as traffic signal timing improvements, intersection striping improvements, signing improvements, lighting improvements, sidewalk/crosswalk improvements, curb extensions, traffic calming, ADA compliance including curb ramps, and parking modifications.
05/19 – 11/22	<b>I-20/I-220 Interchange Improvements and BAFB Access Design-Build, LADOTD, Bossier Parish, LA. <i>Principal Engineer.</i></b> Responsible for overseeing the development of addendum to Interchange Modification Report, Transportation Management Plan, temporary sign timing and design plans, Temporary Traffic Control Plans, and Permanent Signing Plans to accommodate the design and construction of the project. The design-build project includes the modification of the existing interchange at I-20/I-220 with additional ramps and extension of I-220 to provide access to Barksdale Air Force Base.

Firm employed by		ARCADIS		
Name	Ari Deitch, PE, PTOE, PTP, RSP		Years of relevant experience with this employer	8
Title	Senior Transportation Engineer		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. 03/2024; PTOE #4346 / USA / Exp. 11/2023 PTP #690 / USA / Exp. 07/2025; RSP #37 / USA / Exp. 12/2024; ATSSA TCT / TCS	
Year registered	2018	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities.			Traffic Engineering / TMP / Signal Design	
Experience dates	Experience and qualifications relevant to the proposed contract			
	Mr. Deitch is a Transportation Engineer and Project Manager specializing in traffic safety, traffic engineering and design, transportation management, and conceptual roadway design. Mr. Deitch has experience managing and working on a wide range of transportation projects for LADOTD, and other DOTs and municipalities across the country, pertaining to safety studies, access management, pedestrian and bicycle improvements, completed streets, Stage 0 feasibility studies, traffic studies, transportation management plans, NEPA studies, signal design, and signing and marking design. He has experience with Highway Safety Manual methods and is proficient in IHSDM, Synchro, Vistro, VISSIM, SIDRA, and MicroStation software. Mr. Deitch has completed the LADOTD Traffic Engineering Process and Report Training.			
05/19 - Ongoing	I-20 / I-220 Interchange Imp. and BAFB Access TMP and IMR, LADOTD, Bossier Parish, LA. Traffic Engineer. Responsible for development of addendum to Interchange Modification Report, Transportation Management Plan, Temporary Traffic Control Plans, and Permanent Signing Plans to accommodate the design and construction of the project. The design-build project includes the modification of the existing interchange at I-20 / I-220 with additional ramps and extension of I-220 to provide access to Barksdale Air Force Base.			
08/14 – 10/18	US 71 Corridor Traffic and Safety Study – Phase 1-3, LADOTD, Rapides Parish, LA. Traffic Engineer. Responsible for providing traffic data collection, warrant studies, traffic analysis, safety data analysis, and development of conceptual layouts. Data collection effort included automated one-week counts, manual turning movement counts and spot speed studies. Collected crash data for the most recent three years from LADOTD crash database, analysed crash summaries and identified historical high-crash locations and over-representative crashes, determined crash types, frequencies and crash rates, reviewed individual crash reports to determine type and location of each crash, identified crash “hot-spot” locations, contributing factors for high-crash rates, and determined potential improvements.			
04/19 – 12/19	East Baton Rouge Parish Signal Detection Upgrades, LADOTD, East Baton Rouge Parish, LA. Traffic Engineer. Technical lead of project tasks involving field signal inventory and the creation of updated signal plans and quantities. The project includes 39 intersections identified in East Baton Rouge Parish to be upgraded from video detection to magnetometer detection.			
04/19 – 12/19	US 90 Traffic Signal Timing Upgrades, LADOTD, Lafayette Parish, LA. Traffic Engineer. Technical lead of project tasks involving traffic data collection and analysis, signal inventory, peak period determination and observations, warrant analysis, travel time runs, traffic signal analysis using Synchro 10 software, and development of updated TSI forms following latest LADOTD standards.			
10/15-Ongoing	US 90 Business Signing Upgrades and TMP, LADOTD, Orleans and Jefferson Parishes, LA. Assistant Project Manager. Responsibilities include taking inventory of existing signs and structures, developing a signing layout plan for the project area in accordance with the latest state and federal policy guidance, developing signing plans through 100% final design stage, developing a Transportation			


	Management Plan to be used during construction of the project, and coordinating reviews and submittals with LADOTD Traffic Engineering Design Section. The purpose of the project is to replace all existing signs within the project area, which includes sections of I-10 and US 90 Business in and around New Orleans' Central Business District. This requires careful planning in the placement of signs and structures to accommodate the complex roadway network in this area. Arcadis completed the design plans and TMP in 2019, and is currently providing engineering support during construction of the project.
11/20 – Ongoing	<b>I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. <i>Traffic Engineer.</i></b> Responsible for wide range of traffic engineering tasks including development of permanent signing plans, Interchange Modification Reports, and Transportation Management Plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment.
04/16 – 10/19	<b>I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, LADOTD, East Baton Rouge and Livingston Parishes, LA. <i>Traffic Engineer.</i></b> Conducted traffic analysis using a calibrated microsimulation model to evaluate the operational performance of HSR and HOV lane alternatives. Developed conceptual drawings and construction cost estimates to evaluate the feasibility of proposed alternatives.
04/16 – Ongoing	<b>Pete's Highway Interchange Alternatives and Environmental Assessment, LADOTD, Denham Springs, LA. <i>Traffic Engineer.</i></b> Responsible for traffic analysis of proposed alternatives using VISSIM software. Played a key role in the development of preliminary roadway design drawings, incorporation LADOTD's Complete Streets Policy, and implementing enhanced pedestrian safety measures such as high visibility crosswalks. Work involves completing an Environmental Assessment and providing traffic engineering services related to improving operations and safety along Range Avenue at the I-12 interchange. Conducted signal warrant analysis and developed optimized timing plans for proposed improvements.
01/17 – Ongoing	<b>MTA-TBTA, Tunnel Flood Barrier Systems Design-Build Project, NY <i>Traffic Engineer.</i></b> Responsible for the development of a comprehensive Transportation Management Plan (TMP) and Maintenance and Protection of Traffic (MPT) Plans for the design and construction of permanent and deployable flood protection systems at the Hugh L. Carey Tunnel and the Queens Mid-Town Tunnel in New York City, New York. Specific tasks include selection and application of state and federal policy guidance to develop temporary traffic control plans and sequencing for various construction phases of the project, coordinating with state and local agencies to satisfy MPT notification requirements, and developing procedures for the implementation and removal of temporary traffic control devices and equipment.
02/15 – 11/17	<b>Intersection Feasibility Study. Evangeline Thwy, Johnston St, &amp; Louisiana Ave, LADOTD, Lafayette Parish, LA. <i>Traffic and Safety Analyst.</i></b> Responsible for review of existing crash data, traffic operations analysis, and development of design alternatives. Objective is to develop alternatives for the intersection of Evangeline Thruway (US 167/90) and Johnston Street (US 167) / Louisiana Avenue (LA 94) that will improve safety and mobility. Evangeline Thruway consists of two one-way roadways with three lanes in each direction. Three alternatives for each intersection at Johnston Street / Louisiana Avenue were developed based on the results traffic and safety analysis.

Firm employed by		ARCADIS		
Name	Thomas Montz, PE, PTOE		Years of relevant experience with this employer	9
Title	Principal Transportation Engineer		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization			MS / 2011 / Civil Engineering, Louisiana State University BS / 2009 / Civil Engineering, Louisiana State University	
Active registration number / state / expiration date			PE.0039128 / LA / Exp. 09/30/2024; PTOE 4093 / USA / 07/2025	
Year registered	2014	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities.			Traffic Engineering / TMP	
Experience dates		Experience and qualifications relevant to the proposed contract		
		Mr. Montz is a Project Manager and Principal Transportation Engineer specializing in transportation planning / feasibility, modeling, safety, and design. He has over 12 years of experience leading a multitude of planning and engineering projects including Stage 0 feasibility studies, safety studies, NEPA studies, traffic signal timing and design, and transportation management during construction. He specializes in traffic analysis and operations including signal timing, signal design, ITS design, HCM analysis, and microsimulation analysis. Mr. Montz has completed LADOTD Traffic Engineering Process and Report Training.		
12/13 – 06/15		LA 3235 Stage 0 Safety Feasibility Study, LADOTD, Lafourche Parish, LA. Traffic Engineer. Responsible for traffic and safety analysis as part of the Stage 0 feasibility study to develop improvement alternatives with the goal of enhancing mobility and safety on LA 3235. Main tasks included traffic data collection, signal 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. Purpose of the project was to address historical safety issues along the corridor resulting from high speeds and conflict points. Assisted with the completion of Stage 0 documentation including Preliminary Scope and Budget and Environmental Checklists.		
04/19 – 12/19		US 90 Traffic Signal Timing Upgrades, LADOTD, Lafayette Parish, LA. Technical Lead of project tasks involving traffic data collection and analysis, signal inventory, peak period determination and observations, warrant analysis, travel time runs, traffic signal timing analysis using Synchro 10 software, and development of updated TSI forms following latest LADOTD standards		
02/15 – 08/17		US 71 Corridor - Phase II Stage 0 Feasibility Study, LADOTD, Rapides Parish, LA. Project Manager. Responsible for the preparation of a corridor feasibility study for the purpose of enhancing mobility and safety on US 71 in Alexandria, LA. Main tasks included traffic data collection, signal warrant studies, traffic analysis, safety data analysis, alternative development, and public / stakeholder involvement. Completed Stage 0 documentation including Preliminary Scope and Budget and Environmental Checklists.		
04/16 – 09/18		New Orleans Pedestrian Stage 0 Safety Feasibility Study, LADOTD, Orleans Parish, LA. Traffic Engineer. Responsible for traffic data collection, volume development, traffic analysis, and alternative screening. Purpose of the project was to identify safety improvement alternatives at 20 high-priority intersections in New Orleans with a history of pedestrian and bicycle safety issues. Assisted with the development of safety countermeasures for short-term and long-term alternatives. Assisted with the completion of Stage 0 documentation including Preliminary Scope and Budget and Environmental Checklists.		


04/16 – 10/19	<b>I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, LADOTD, East Baton Rouge and Livingston Parishes, LA. <i>Traffic Engineer.</i></b> Conducted traffic analysis using a calibrated microsimulation model to evaluate the operational performance of HSR and HOV lane alternatives along I-12 between the I-10/I-12 split and Walker, LA. Developed a range of alternatives and made recommendations based on the alternatives that produced the greatest operational benefits and relieved major bottlenecks. Presented results to LADOTD project team and administration to inform the decision-making process and subsequent project stages.
12/13 – 05/15	<b>Joe Sevario / Roddy Road Stage 0 Safety Feasibility Study, LADOTD, Ascension Parish, LA. <i>Traffic Engineer.</i></b> 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 included traffic data collection, traffic signal warrants, crash analysis, capacity analysis, safety analysis, review of existing pipelines and other municipal utilities, alternatives analysis, design development, and cost estimates.
11/12 – 4/13	<b>LA 594 (Millhaven Rd.) Stage 0 Feasibility Study and Preliminary Design, I-20 Economic Development Corporation, Ouachita Parish, LA. <i>Traffic Engineer.</i></b> Responsible for traffic data collection and traffic and safety analysis tasks. The project proposed roadway improvements to maintain operations and safety along Millhaven Road while accommodating projected increases in traffic demand and commercial development.
04/16 – Ongoing	<b>Pete's Highway Interchange Alternatives and Environmental Assessment, LADOTD, Denham Springs, LA. <i>Traffic Engineer.</i></b> Responsible for assisting with traffic signal timing analysis tasks including volume development / projections, origin-destination study, VISSIM model development and calibration, and noise analysis. Work involves completing an Environmental Assessment and providing traffic engineering services related to improving operations and safety along Range Avenue at the I-12 interchange.
04/13 – Ongoing	<b>US 11 Environmental Assessment, LADOTD, St. Tammany Parish, LA. <i>Traffic Engineer.</i></b> Responsible for crash analysis, operating speed tabulations, intersection and corridor analysis, alternative development, and noise modeling for the proposed widening of US 11 between US 190 (Gause Blvd) and I-12 in Slidell, LA. The proposed improvements include replacing a bridge crossing the Norfolk Southern Railroad. This project includes analyzing several innovative alternatives for the proposed corridor, including “superstreets” and J-turn concepts.
11/20 – Ongoing	<b>I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. <i>Traffic Engineer.</i></b> Responsible for construction phasing modeling and evaluation to determine the impacts of various construction phasing scenarios and mitigation that will be required to minimize travel delays during construction. Construction phasing scenarios are being modeled using a calibrated mesoscopic model developed by Arcadis, which can estimate the effects of construction activities on the broader roadway network. Model results are being used to inform the Transportation Management Plan for the project.

Firm employed by		ARCADIS	
Name	Kester Hollier, PE, PTOE	Years of relevant experience with this employer	1
Title	Principal Traffic 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. 03/2025; PTOE #3928 / USA / Exp. 11/2024	
Year registered	2009	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Traffic Engineering / TMP	
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Hollier possesses a wide breadth of experience in the field of transportation engineering including feasibility studies, 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. Mr. Hollier has completed LADOTD Traffic Engineering Process and Report Training.		
05/14 – 08/20	Causeway Blvd. at Earhart Expwy. Interchange, LADOTD, Jefferson Parish, LA. Traffic/Civil Engineer. Responsible for the design of traffic control and construction sequencing, pavement marking layout, quantity analysis, cost estimates, and quality control for a new interchange at LA 3139 (Earhart Expwy.) and LA 3046 (Causeway Blvd.) in Jefferson Parish, LA. Provided review for the interchange traffic sign and traffic signal timings and design. Identified all necessary design waivers and design exceptions required for LADOTD approval. Provided geometric layout design, typical section design and review, and joint layout design for several interchange ramps and underpasses.		
09/12 – 02/16	Stage 0 Feasibility Study and Stage 1 EA for Replacing Belle Chasse Tunnel and Bridge, LADOTD, Plaquemines Parish, LA. Traffic Engineer. Responsible for the feasibility study and traffic analysis along LA 23 (Belle Chasse Highway) between LA 428 (Behrman Highway) and LA 406 (Woodland Highway) for multiple 6-lane bridge alternatives 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 roadway design and costs for the Line and Grade Study along with the review of the construction sequencing and traffic maintenance of the constructability review.		
11/20 – Ongoing	I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. Project Manager. Responsible for traffic engineering tasks including development of permanent signing plans, traffic signal plans, interchange modification reports, and transportation management plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. Extensive historical crash and safety analysis is being performed in support of the IMR and TMP. One critical component of the project is maintaining traffic during the construction of new bridge structures. Multiple scenarios are being evaluated using a calibrated mesoscopic model to determine the impacts during construction and mitigations that will be necessary to minimize delay.		
06/13– 04/14	US 190 Stage 0 Feasibility Study, LADOTD, St. Tammany, LA. Traffic Engineer. Responsible for roundabout geometric design and pedestrian and bike path design along the US 190 corridor in the City of Slidell and St. Tammany Parish to improve safety for motorized and non-motorized roadway users.		

11/17 – 07/20	<b>LA 466 (5<sup>th</sup> Street) Improvements Traffic Study, City of Gretna, Jefferson Parish, LA. <i>Project Manager / Traffic Engineer.</i></b> 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 LADOTD 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.
12/17 – 11/19	<b>Causeway Boulevard Widening Traffic Study, Jefferson Parish, LA. <i>Project Manager / Traffic Engineer.</i></b> 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.
10/18 – 01/19	<b>LA 22 Traffic Circulation and Corridor Analysis, NORPC, St. Tammany Parish, LA. <i>Traffic Engineer.</i></b> Responsible for the development of three 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	<b>Stumberg Lane Extension, City of Baton Rouge Green Light Plan, East Baton Rouge Parish, LA. <i>Traffic Engineer.</i></b> 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	<b>LA 23 Widening (Lapalco Blvd. – Engineers Rd.), LADOTD, Jefferson and Plaquemines Parishes, LA. <i>Traffic/Civil Engineer.</i></b> Responsible for the roadway 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.
10/10 – 7/15	<b>Barriere Road Feasibility Study/Traffic Study, US Department of Defense, Plaquemines Parish, LA. <i>Civil/Traffic Engineer.</i></b> Responsible for the geometric layout and design of the realignment alternatives of Barriere Rd. between LA 23 to the US Naval Air Station. Developed and reviewed traffic analysis for arrival and departure patterns for the South US Naval Air Station entrance gates.

Firm employed by		ARCADIS		
Name	Skyler Waaso, PE, PTOE		Years of relevant experience with this employer	2
Title	Senior Traffic Engineer		Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization			BS / 2009 / Civil Engineering, University of Louisiana at Lafayette	
Active registration number / state / expiration date			PE.0039070 / LA / Exp. 09/2024; PTOE #4600 / USA / Exp. 03/2025	
Year registered	2017	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities.			Traffic Engineering	
Experience dates		Experience and qualifications relevant to the proposed contract		
		Mr. Waaso is a Senior Traffic Engineer with 13 years of experience in traffic modeling and studies. He is experienced with a range of traffic modeling software including Highway Capacity Software, Vissim (microsimulation), Synchro, Vistro, and Sidra. Mr. Waaso has experience managing and delivering a wide range of traffic projects for LADOTD, and other DOTs across the country, pertaining to intersection and corridor studies, access management studies, signal warrant studies, Stage 0 feasibility studies, NEPA studies, and safety studies. Mr. Waaso has completed the LADOTD Traffic Engineering Process and Report Training.		
02/17 – 09/18		Traffic Engineering IDIQ - US 71 Corridor - Phase III Traffic and Safety Corridor Study, LADOTD, Rapides Parish, LA. Traffic Engineer. Responsible for conducting traffic study tasks including traffic data collection, signal warrant analysis, traffic analysis, crash analysis, alternative and countermeasure development, predictive safety analysis, and conceptual drawings.		
02/17 – 02/18		Traffic Engineering IDIQ – US 165 Traffic and Corridor Study, LADOTD, Ouachita Parish, LA. Traffic Engineer. Responsible for traffic study tasks including traffic data collection and volume development, microsimulation modeling (Vissim) of existing and future conditions, developing capacity, access management and safety improvements, and study documentation.		
01/18 – 06/19		Traffic Engineering IDIQ - I-20 Mesoscopic Model and TMP Using Dynameq, LADOTD, Bossier Parish, LA. Traffic Engineer. Assisted with the development of mesoscopic traffic model using Dynameq to predict queueing, delay and alternate travel patterns due to planned construction on I-20 to replace pavement. The project is anticipated to disrupt traffic in this critical portion of I-20. The project scope includes development and calibration of mesoscopic model, analysis of alternative routes, safety analysis, operational analysis, assistance with public outreach, development of a Level 4 TMP, and development of work zone mitigation strategies.		
06/15 – 02/17		LA 59 Roundabout Corridor Traffic Study, LADOTD, St. Tammany Parish, LA. Traffic Engineer. Performed traffic analysis for a segment along the LA 59 corridor in Covington, Louisiana. Main tasks included analyzing the corridor's existing conditions and developing alternatives that would improve the safety and capacity needs of the corridor. Performed the traffic analysis in Synchro and Sidra as well as review crash reports and summary the crash history. Developed alternatives for the corridor and presented our concept to the DOTD district office and parish representatives. Completed a stamped and signed roundabout report.		
09/19 – Ongoing		Innovate Mound Project, MDOT, Macomb County, MI. Senior Traffic Engineer. Responsible for traffic engineering tasks including conducting a corridor traffic study of Mound Road from I-696 to M-59. Traffic modeling and analysis was performed to develop proposed improvements including capacity, access management, safety, multi-modal and traffic signal improvements. Developed traffic study documentation and provided transportation management during construction.		

04/16 – 02/17	<b>I-110 to Terrace Avenue Interchange Modification Report, LADOTD, East Baton Rouge Parish, LA. <i>Traffic Engineer.</i></b> Prepared an Interchange Modification Report for FHWA on a future connection along I-110 SB in downtown Baton Rouge. Main tasks included modeling of the existing, no build, and build alternative in Vissim and completing the written Interchange Modification Report that was submitted to FHWA.
02/17 – 02/18	<b>Safety Studies IDIQ - I-49 Interchange Stage 0 Traffic and Safety Feasibility Study, LADOTD, Lafayette Parish, LA. <i>Traffic Engineer.</i></b> Responsible for conducting traffic study and associated 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.
04/19 – 06/19	<b>Traffic Signal Design IDIQ - US 90 Traffic Signal Timing Upgrades/LADOTD, Lafayette Parish, LA. <i>Traffic Engineer.</i></b> Project tasks involved traffic data collection and analysis, traffic signal inventory, peak period determination and observations, warrant analysis, travel time runs, traffic signal timing analysis using Synchro 10 software, and development of updated TSI forms following latest LADOTD standards
02/17 – 06/19	<b>Pete's Highway Traffic Study and Environmental Assessment, LADOTD, Denham Springs, LA. <i>Traffic Engineer.</i></b> Responsible for traffic analysis of proposed alternatives using Vissim software. Work involves completing an Environmental Assessment and providing traffic engineering services related to improving operations and safety along Range Avenue at the I-12 interchange. Conducted signal warrant analysis and developed optimized timing plans for proposed improvements. An Interchange Modification Report was prepared to document results of the traffic study and proposed improvements.
02/20 – Ongoing	<b>U-23 Flex Route Traffic Study, MDOT, Livingston County, MI. Senior <i>Traffic Engineer.</i></b> Responsible for traffic modeling and alternative analysis for US-23 between M-36 and I-96. Work includes analysis of build alternatives, including developing and calibrating existing Vissim models to FHWA/MDOT standards and using the models to compare the projected future traffic operations of build alternatives, including the extension of the existing US-23 Flex Route north of I-96. The US-23 Flex Route is a part-time dynamic hard shoulder use facility north of Ann Arbor. This study will evaluate if and how the Flex Route can be extended approximately five miles from 8 Mile Road to I-96. The study will include conducting traffic and geometric analyses, road and bridge scoping, conducting environmental surveys with appropriate reports and preparing National Environmental Policy Act (NEPA) documentation. The study will include traffic, road, bridge, ITS components, safety and drainage. There is also a public engagement aspect to the project that will involve two stakeholder meetings and two public meetings.
07/19 – Ongoing	<b>I-375 Corridor Improvements, MDOT, Detroit, MI. Senior <i>Traffic Engineer.</i></b> Responsible for the operational analysis of build alternatives and completing the Interchange Access Change Request (IACR) document. The build alternatives modeled in Vissim converted an urban freeway into an urban boulevard. The build alternative also included a new traffic forecasting methodology, which was developed by working with dynamic traffic assignment model to consider potential traffic impacts outside of the study area using Synchro and HCS. The project will promote and support walkability, increase transit access, and improve non-motorized connections and urban-friendly linkages between businesses, cultural, entertainment destinations, and neighborhoods. Scope of services include environmental clearance, early preliminary engineering, project management, project controls, federal compliance, public involvement, procurement, oversight of design, and construction inspection services.

Firm employed by		ARCADIS		
Name	Max Aguirre, PhD, PE, RSP		Years of relevant experience with this employer	3
Title	Traffic and Safety 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			PE. 0047579/ LA / Exp. 09/30/2023; RSP #636 / USA / Exp. 8/2024	
Year registered	2021	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities.			Safety Engineering	
Experience dates	Experience and qualifications relevant to the proposed contract			
	Dr. Aguirre has experience working on projects for Louisiana Department of Transportation and Development (LADOTD) pertaining to traffic and safety studies, 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 IHSDM, Synchro, GuidSIGN, HCS and MicroStation software. Dr. Aguirre has completed LADOTD Traffic Engineering Process and Report Training.			
08/19 – 02/20	Traffic Engineering IDIQ - US 61 Access Management and Corridor Improvements (Airline Hwy) Feasibility Study, 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.			
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 and Safety 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. Conducted 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.			
10/19 – 07/21	I-10 New Orleans to Slidell Hard Shoulder Running Traffic and Safety Feasibility Study, LADOTD, Orleans Parish, LA. Traffic and Safety 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. Assisted in safety analysis and development of conceptual drawings and typical sections for proposed Hard Shoulder Running (HSR) alternatives on I-10 between New Orleans and Slidell.			
11/20 – Ongoing	I-10 CMAR Traffic Engineering Services, LADOTD, East Baton Rouge Parish, LA. Traffic and Safety Engineer. Assisting in traffic engineering tasks including development of permanent signing plans, Interchange Modification Reports, and Transportation Management Plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. Assisted in the development of existing condition safety analysis including tasks such as crash data analysis, collision diagrams, and crash report documentation.			

Firm employed by	A P S ENGINEERING AND TESTING, LLC		
Name	SERGIO AVILES, P.E.	Years Of relevant experience with this employer	11
Title	PRESIDENT	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		BS/2001/CIVIL ENGINEERING (GEOTECHNICAL)	
Active registration number / state / expiration date		003571/LA/03-31-2024	
Year registered	2007	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Project Manager/Design Guidance/Field Crew And Lab Management	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
<p>Mr. Aviles has over 21 years of experience in geotechnical and civil engineering. He has significant experience working at LADOTD performing slope stability analysis, embankment settlement calculations, mechanically stabilized earthen wall design, sheet pile design and pile testing. After founding A P S Engineering and Testing, LLC eleven years ago, Mr. Aviles continued his work throughout Louisiana for both government and private entities. While specializing in both geotechnical and materials testing, Mr. Aviles also has extensive experience in the design and construction supervision of roadway projects in the region. Mr. Aviles is proficient in the use of AutoCAD Civil 3D, which he utilizes in the design of projects. He is also an affiliate of three professional engineering organizations (ACEC, LES, ASCE).</p>			
09/19-Present	<p><b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU lakes. Along with this drilling and sampling APS will also test for strength and engineering characteristics of the soils with total of eight (8) over the water borings and 44 land borings with approximately 1000 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Mr. Aviles is the project manager to the Geotechnical Investigations. CMAR project</p>		
08/16-10/19	<p><b>Project No. H.012422: I-10/I-110 Interchange Modification at Terrace Ave-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave Exit. A P S tested for strength and engineering characteristics of the soils with approximately 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits performed by A P S Laboratory. Mr. Aviles was the project manager to the Geotechnical Investigations.</p>		
11/17-2/18	<p><b>Project No. H.013193 US 61 Thompson Creek Bridge Replacement-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. A P S tested for strength and engineering characteristics of the soils. Mr. Aviles was the project manager to the Geotechnical Investigations.</p>		
11/19-Present	<p><b>Project No. H.001352 and H.002273 Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge LA-67 and LA-19-</b> A P S was selected with the winning team for the design of the diversion CMAR project. A P S will be the Geotechnical designers for the project. Mr. Aviles is the project manager for the project design team. CMAR project</p>		
03/19-05/19	<p><b>Project No. H.001344 US 190 over Bogue Falaya River-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Mr. Aviles was the project manager for the project design team.</p>		
12/19-3/20	<p><b>Project No. H.010155 US 90 Railroad Overpass SE of LA 85-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendation. Mr. Aviles was the project manager for the project design team.</p>		
07/14-08/14	<p><b>Project No. 700-51-0110: US 90 elevated portion for the future I-49 corridor.</b> A P S performed all the preliminary drilling, testing, and CPT for US 90 and Highway 318 Intersection. A total of 46 borings and 11 CPTs along with all the testing required by LADOTD was completed. Mr. Aviles was the project manager to the Geotechnical Investigations and Analysis as assigned for roads and bridges design.</p>		
	<p>The following lists consist of projects that Mr. Aviles did the design or assisted on the design while at LADOTD. These projects include pile design, slope stability, settlement analysis, and construction services (PDA, CAPWAP, and WEAP).</p>		




2001-2005	<p><b>ONSYSTEM PROJECTS LIST:</b></p> <p>Mr. Aviles served as the staff geotechnical engineer while at the Pavement and Geotechnical Section for the following projects below. Below projects varies from Embank Design, Pile Design, Drilled Shaft design, MSE wall design, and construction supervision. Major projects cost estimated over one million dollars:</p> <p>015-04-0037 LA524-LA123 Route US165, 015-05-0035 LaSalle, 015-07-0044 (Route 165 Cadwell, 276-03-0016 Tangipahoa River Bridge, 3132 Innerloop 427-01-0029, 362-01-0009 Rat Bois, 452-01-0039 I-55 CrossOvers, 742-07- 0098 Susek Drive, Bayou Perrie and Sand Beach Bayou 103-01-0025, Broadway Ave.700-40-0127, Cameron Route La. 27 193-02-0042, Causeway Boulevard interchange Route I-10 450-15-0098,Clayton-Greenville 026-03-0025, Crescent City Connection 283-08-0143(46), Cross Bayou Bridge 090-01-0020, Flannery at Florida 742-17-0008.</p>
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Firm employed by	A P S ENGINEERING AND TESTING, LLC		
Name	SAIRAM (SAI) EDDANADUDI, M.E, P.E.	Years Of relevant experience with this employer	10
Title	CHIEF ENGINEER	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization	ME/2002/CIVIL ENGINEERING BE/1999/CIVIL ENGINEERING		
Active registration number / state / expiration date	0035129/ LA / 03-31-2024		
Year registered	2008	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Laboratory QA Manager/Design Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
<p>Sairam (Sai) Eddanapudi has geotechnical experience including soil investigation, construction material testing and quality control/ quality assurance (QA/QC) - all of which involve intense data collection and management skills. He has significant experience supervising various projects from the geotechnical stage through design and construction. Sai also has extensive experience with AutoCAD Civil 3D which is utilized in roadway design projects. Mr. Sai holds a ACI certification. He is also an affiliate of three professional engineering organizations (ACEC, LES, ASCE).</p>			
09/19-Present	<p><b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU lakes. Along with this drilling and sampling, A P S will also test for strength and engineering characteristics of the soils with a total of eight (8) over the water borings and 44 land borings with approximately 1000 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Mr. Sai is the project QA to the Geotechnical Investigations. CMAR project</p>		
08/16-10/19	<p><b>Project No. H.012422: I-110 Interchange Modification at Terrace Ave-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave Exit. A P S tested for strength and engineering characteristics of the soils with approximately 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits performed by A P S Laboratory. Mr. Sai was QA to the Geotechnical Investigations.</p>		
11/17-2/18	<p><b>Project No. H.013193: US 61 Thompson Creek Bridge Replacement-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. A P S tested for strength and engineering characteristics of the soils. Mr. Sai was QA to the Geotechnical Investigations.</p>		
11/19-Present	<p><b>Project No. H.001352 and H.002273: Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge LA-67 and LA-19-</b> A P S was selected with the winning team for the design of the diversion CMAR project. A P S will be the Geotechnical designers for the project. Mr. Sai is the Senior Design Engineer for the project design team.</p>		
03/19-05/19	<p><b>Project No. H.001344: US 190 over Bogue Falaya River-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Mr. Sai was the Senior Design Engineer for the project design.</p>		



Firm employed by	A P S ENGINEERING AND TESTING, LLC		
Name	SURENDRA PATHAK, P.E.	Years Of relevant experience with this employer	9
Title	STAFF ENGINEER	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization	MSCE/2013/CIVIL ENGINEERING BE/2007/CIVIL ENGINEERING		
Active registration number / state / expiration date	043487/LA/09-30-2023		
Year registered	2019	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Staff Engineer-Review Field Logs, Lab Data, And Design Engineer		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
<p>Mr. Pathak has over 19 years of experience in geotechnical and civil engineering. His professional experience consists of the design of levees and T-walls as well as the design of shallow and deep foundations. His field experience includes QC inspection of soils and concrete. Mr. Pathak has experience with the following software: Slope/ GINT, Geosystem, Settle 3D, AASHT, Site manager for construction material management, driven 1.38 (for driven piles), MicroStation, FAARFEILD and Shaft Design software.</p>			
09/19-Present	<p><b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU lakes. Along with this drilling and sampling A P S will also test for strength and engineering characteristics of the soils with. A total of eight (8) over the waterborings and 44 land borings with approximately 1000 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Mr. Surendra was the project QC to the Geotechnical Investigations.</p>		
08/16-10/19	<p><b>Project No. H.012422: I-110 Interchange Modification at Terrace Ave-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave Exit. A P S tested for strength and engineering characteristics of the soils with approximately 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits performed by A P S Laboratory. Mr. Surendra was QC to the Geotechnical Investigations.</p>		
11/17-2/18	<p><b>Project No. H.013193: US 61 Thompson Creek Bridge Replacement-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. A P S tested for strength and engineering characteristics of the soils. Mr. Surendra was QC to the Geotechnical Investigations.</p>		
11/17-2/18	<p><b>Project No. H.002273, H.000710, and H.001352 Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge LA-67 and LA-19:</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 12 deep borings for the new and replacement bridges at Highway 19, 67, and 964. A P S tested for strength and engineering characteristics of the soils. Mr. Surendra was QC to the Geotechnical Investigations.</p>		
11/19-Present	<p><b>Project No. H.001352 and H.002273: Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge LA-67 and LA-19-</b> A P S was selected with the winning team for the design of the diversion CMAR project. A P S will be the Geotechnical designers for the project. Mr. Surendra is a design Engineer for the project design team.</p>		
03/19-05/19	<p><b>Project No. H.001344: US 190 over Bogue Falaya River-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Mr. Surendra was a design Engineer for the project design team.</p>		




Firm employed by <b>Civil Design &amp; Construction, Inc. (CD&amp;C)</b>					
Name	Karla E. Weston, PE		Years of relevant experience with this employer	17	
Title	President		Years of relevant experience with other employer(s)	6	
Degree(s) / Years / Specialization			Bachelor of Science / 1999 / Civil Engineering		
Active registration number / state / expiration date			31010 / Louisiana / March 31, 2024		
Year registered	2004	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities			Mrs. Weston will oversee the firms' role as a sub-consultant and make sure the work is completed to LADOTD standards.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
02/16-09/19	<b><u>H.003047 Pecue Lane/I-10 Interchange, Baton Rouge, LA:</u></b> Mrs. Weston's served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design services 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. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.				
12/13 – 10/19	<b><u>H.02960 Gramercy Bridge, St. James Parish, LA:</u></b> Mrs. Weston served as Principal-in-Charge for the firm's role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project				
02/14 - 02/15	<b><u>H.010620 I-49 Design Build, Lafayette, LA:</u></b> Mrs. Weston 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	<b><u>H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish, LA:</u></b> Mrs. Weston served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.				
01/06 – 12/12	<b><u>EBR City/parish Project No. 06-CS-HC-0018, Fairchild-Badley Roadway, EBR Parish, LA:</u></b> Mrs. Weston served as Principal in Charge 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	<b><u>H.009104.5 - Sunshine Bridge Phase 2:</u></b> Ms. Weston served as Project Manager and Engineer 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	<b><u>Red River – Jackson Street Bridge, Alexandria, LA:</u></b> Ms. Weston served as Project Manager and Engineer 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 replacement of the Jackson Street Bridge over the Red River.				
06/12 – 10/12	<b><u>H.009986 – Paths 2 Progress. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 33</u></b> Ms. Weston served as the Principal-in-charge/Project Manager 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	<b><u>H.005902.5 - 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</u></b> Ms. Weston served as the Principal-in-charge/Project Manager 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.
01/06 – 07/06	<b><u>Picardy Avenue Extension–City/Parish of East Baton Rouge:</u></b> Mrs. Weston served as Principal-in-Charge for this extension of Picardy Avenue, connecting Bluebonnet Blvd. with I-10 West. Duties included project layout and design as wells as subsurface drainage design for approximately ½ mile.


Firm employed by		Civil Design & Construction, Inc. (CD&C)		
Name	Ralph Burgess, PLS		Years of relevant experience with this employer	12
Title	Principal Land Surveyor		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			BS / 2004 / Industrial Design & Supervision, Southeastern LA University	
Active registration number / state / expiration date			5040 / Louisiana – September 30, 2024	
Year registered	2010	Discipline	Land Surveyor	
Contract role(s) / brief description of responsibilities.			Mr. Burgess serves as the Survey Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms’ deliverable to the Prime Consultant. Mr. Burgess 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 (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).			
02/22-11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #2</u></b> Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model. The topographic data for this project was collected both traditionally and utilizing 3D Scanning. Mr. Burgess worked with sub-consultant, HDR as well as CD&C crews to obtain and incorporate all utility data as well.			
02/22-11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #3</u></b> Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model. The topographic data for this project was collected both traditionally and utilizing 3D Scanning. Mr. Burgess worked with sub-consultant, HDR as well as CD&C crews to obtain and incorporate all utility data as well.			
10/20 – 01/21	<b><u>H014302 US 165 Lighting, Monroe, LA:</u></b> Mr. Burgess served as the Survey Manager on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.			
09/21 – 03/22	<b><u>H.014747 Southern University Ravine Protection, East Baton Rouge Parish:</u></b> Mr. Burgess was the Survey Manager 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. Mr. Burgess worked with SUE sub-consultant, TBS, as well as CD&C crews to obtain and incorporate all utility data as well.			
08/21 – On-Going	<b><u>H.011833.5 St. Mary Street Sidewalks; Scott, LA:</u></b> Mr. Burgess was the Survey Manager 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.			
7/17-12/18	<b><u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u></b> Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.			





03/22 – 09/22	<b><u>H.010960.5-2 Roundabouts at LA 182, Lafayette, LA:</u></b> Mr. Burgess served as Survey Manager for the 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 was in accordance with latest LADOTD Location and Survey standards.
07/20 – 04/21	<b><u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</u></b> Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging of data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.
01/18-01/20	<b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> . Burgess was the surveying Manager for this project. 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.
7/17-12/18	<b><u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u></b> Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.
01/16-08/16	<b><u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u></b> Mr. Burgess served as Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.
10/15-12/18	<b><u>H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA:</u></b> Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing I10, merging of existing topographic survey of bridges from LADOTD and final review of all survey data for submittals

Firm employed by		Civil Design & Construction, Inc. (CD&C)		
Name	Chris Ballard, PLS		Years of relevant experience with this employer	8
Title	Survey Project Manager		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization			BS / 2004 / Biological Science / Southeastern LA University	
Active registration number / state / expiration date			5033 / Louisiana – September 30, 2022	
Year registered	2010	Discipline	Land Surveyor	
Contract role(s) / brief description of responsibilities.			Mr. Ballard serve as the Survey Project Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms’ deliverable to the Prime Consultant. Mr. Burgess 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 (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).			
09/01/18-01/20	<b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> Mr. Ballard is the Surveying Project Manager for this project. 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	<b><u>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</u></b> Mr. Ballard served as the firms Survey Project Manager on 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	<b><u>Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:</u></b> Mr. Ballard is serving Survey Project Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 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	<b><u>East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:</u></b> In 2017, CD&C has performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Project 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	<b><u>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</u></b> Mr. Ballard served as the Project Manager for this Project. 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, <b>3D Terrestrial Scanning</b> 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	<b><u>H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA:</u></b> Mr. Ballard served as a Survey Project Manager 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 <b>3D Terrestrial Scanning</b> .
10/15 - 12/18	<b><u>H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA:</u></b> Mr. Ballard served as the Survey Project Manager 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.
01/16 - 08/16	<b><u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u></b> Mr. Ballard served as the Survey Project Manager on this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included processing of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized 3D Terrestrial Scanning for the main route.
10/15 - 01/16	<b><u>H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA:</u></b> Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 - 09/13	<b><u>260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA:</u></b> Mr. Ballard worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 - 12/18	<b><u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u></b> Mr. Ballard served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with <b>3D terrestrial scanning</b> .

Firm employed by		<b>Civil Design &amp; Construction, Inc. (CD&amp;C)</b>	
Name	Philip Dupree	Years of relevant experience with this employer	11
Title	Survey Party Chief	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 Nationwide; ATSSA Certified as Registered Flagger ATSSA Certified Traffic Control Tech & Traffic Control Supervisor	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Dupree is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #2</u></b> Mr. Dupree is the Survey Party Chief for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model. The topographic data for this project was collected both traditionally and utilizing 3D Scanning.		
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #3</u></b> Mr. Dupree is the Survey Party Chief for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model. The topographic data for this project was collected both traditionally and utilizing 3D Scanning.		
09/21 – 03/22	<b><u>H.014747 Southern University Ravine Protection, East Baton Rouge Parish:</u></b> Mr. Dupree is the Survey Party Chief 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.		
01/18-02/2020	<b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> Mr. Dupree is the Survey Party Chief for this project. 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.		
07/17-12/2018	<b><u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u></b> Mr. Dupree is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.		
10/15-12/2018	<b><u>H.011235 I-49 South at Verot School Road, Lafayette, LA:</u></b> Mr. Dupree served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.		
01/16-08/2016	<b><u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u></b> Mr. Dupree served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.		
10/16-11/2016	<b><u>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</u></b> Mr. Dupree served as Field coordinator on this project. 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.
07/14/10/2015	<b><u>H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:</u></b> Mr. Dupree served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.
05/13-07/13	<b><u>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</u></b> Mr. Dupree served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	<b><u>H.011088.5 West Prien Lake, Lake Charles, LA:</u></b> Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	<b><u>H.010620 I-49 Design Build:</u></b> Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Mr. Dupree also was the lead Party Chief for the property surveys on this project.


Firm employed by <b>Civil Design &amp; Construction, Inc. (CD&amp;C)</b>				
Name	Jacob Stoehr		Years of relevant experience with this employer	7
Title	Survey Party Chief		Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		ATSSA TCS, TCT, Flagger		
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).			
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #2</u></b> Mr. Stoehr served as one of the Survey Party Chief for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.			
01/18-01/2020	<b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> Mr. Stoehr served as a Survey Party Chief for this project. 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.			
07/17-12/2018	<b><u>H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
08/16-01/2018	<b><u>H.011235 I-49 Verot School Road, Lafayette, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
05/17-07/2017	<b><u>H.011909.5-2 Roundabout US 171 at Boone Street, Vernon Parish, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
01/16 – 08/16	<b><u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
10/15 – 12/2018	<b><u>H.003184.5 I-10 Texas State Line East of Coone Gully:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
10/16 – 11/16	<b><u>H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			

Firm employed by <b>Civil Design &amp; Construction, Inc. (CD&amp;C)</b>				
Name	Alex Wells		Years of relevant experience with this employer	2.5
Title	Survey Party Chief		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		ATSSA TCS, TCT, Flagger		
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).			
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #2</u></b> Mr. Wells served as one of the Survey Party Chiefs for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.			
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #3</u></b> Mr. Wells served as one of the Survey Party Chiefs for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.			
07/20 – 10/21	<b><u>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:</u></b> Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
07/20 – 10/21	<b><u>H.013989 Greybow Rd. Palmetto Creek:</u></b> . Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
07/20 – 04/21	<b><u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</u></b> Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.			
02/21 – 05/21	<b><u>H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:</u></b> Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
10/20 – 01/21	<b><u>H014302 US 165 Lighting, Monroe, LA:</u></b> Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.			


Firm employed by <b>Civil Design &amp; Construction, Inc. (CD&amp;C)</b>			
Name	Jason Stoehr		Years of relevant experience with this employer
Title	Survey Party Chief		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		ATSSA TCS, TCT, Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years specified in the applicable MPR(s).		
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #2</u></b> Mr. Stoehr served as one of the Survey Party Chief for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.		
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #3</u></b> Mr. Stoehr served as one of the Survey Party Chief for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.		
07/20 – 04/21	<b><u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</u></b> Mr. Stoehr was a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.		
01/18-01/2020	<b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> Mr. Stoehr is the Survey Party Chief for this project. 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.		
07/17-12/2018	<b><u>H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
08/16-01/2018	<b><u>H.011235 I-49 Verot School Road, Lafayette, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
02/19 - 09/19	<b><u>Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:</u></b> Mr. Stoehr served as a Jr. Party Chief this project for East Feliciana Parish Police Jury. It includes the replacement of 2 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.		
7/17 – 12/18	<b><u>H.003184.5 I-10 Texas State Line East of Coone Gully:</u></b> Mr. Stoehr served as an instrument man on this project by aiding the crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		

Firm employed by <b>Civil Design &amp; Construction, Inc. (CD&amp;C)</b>			
Name	Drennon Humphreys		Years of relevant experience with this employer
Title	Survey Party Chief		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		Flagger, TCT	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Humphreys will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).		
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #2</u></b> Mr. Humphreys served as a Instrument Man for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.		
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #3</u></b> Mr. Humphreys served as a Instrument Man for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.		
01/21 – 06/21	<b><u>H.013959 Reeds Bridge Rd. Calcasieu River Relief, Allen Parish, LA:</u></b> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.		
02/21 – 05/21	<b><u>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek, Allen Parish, LA:</u></b> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.		
02/21 – 01/22	<b><u>Move BR: Lee Drive – Highland Rd. to Perkins Rd., Baton Rouge, LA:</u></b> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 1.8 mile road improvement project as part of the Move BR infrastructure initiative.		
04/21 – 12/21	<b><u>Move BR: Hennessy Blvd. –Perkins Rd. to Picardy Ave., Baton Rouge, LA.:</u></b> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 0.4 mile road improvement project to create an underpass at the R/R crossing. This project is a part of the Move BR infrastructure initiative.		
01/22 – On-Going	<b><u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:</u></b> Mr. Humphreys is working as a Instrument Man and now a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		
01/22 – 05/22	<b><u>H.013956 Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:</u></b> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.		


Firm employed by <b>Civil Design &amp; Construction, Inc. (CD&amp;C)</b>				
Name	Trent Norris	Years of experience with this firm/employer	<b>8</b>	
Title	Senior Technician	Years of experience with other firm(s)/employer(s)	<b>0</b>	
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963 ATSSA Traffic Control Supervisor, Technician & Flagger		
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Mr. Norris serves as the firm's 3D Scanning Technician who will aide in field data collection as well as process all 3D scan data in the office and assist in any other processing to complete the submittal.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).			
<b>02/22 - 11/22</b>	<b><u>H.02728.5 LWI Region 5 – Task Order #2</u></b> Mr. Norris served as one of the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.			
<b>02/22 - 11/22</b>	<b><u>H.02728.5 LWI Region 5 – Task Order #3</u></b> Mr. Norris served as one of the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.			
01/18 – 01/2020	<b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> Mr. Norris was the #3D Scanning Technician for this project. 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.			
07/17 – 12/18	<b><u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u></b> Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
04/17 – 07/17	<b><u>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</u></b> Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
08/16 – 01/18	<b><u>H.011235 I-49 Verot School Road, Lafayette, LA:</u></b> Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
10/16 – 10/16	<b><u>H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:</u></b> Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
10/15 – 12/18	<b><u>H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA:</u></b> Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			

Firm employed by		Civil Design & Construction, Inc. (CD&C)			
Name	Scott Benton		Years of experience with this firm/employer		5
Title	Senior Technician		Years of experience with other firm(s)/employer(s)		5
Degree(s) / Years / Specialization					
Active registration number / state / expiration date		ATSSA Traffic Control Supervisor, Technician & Flagger			
Year registered		Discipline			
Contract role(s) / brief description of responsibilities		Mr. Benton serves as a Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).				
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #2</u></b> Mr. Benton served as one of the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.				
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #3</u></b> Mr. Benton served as one of the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.				
12/19 – 01/2020	<b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> Mr. Benton served as a #3D Scanning Technician for this project. 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.				
03/14 – 06/14	<b><u>H.008369 Cleo Road Roundabout, St. Tammany Parish, LA:</u></b> Mr. Benton served as a Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.				
05/13 – 07/13	<b><u>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</u></b> Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.				
02/13 – 06/13	<b><u>H.005693 LA 447, Walker, LA:</u></b> Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. CD&C’s responsibilities included all field work, utility coordination, review of existing survey data provided by LADOTD and all office work to produce the final product; this includes merging of supplied survey from LADOTD and survey by CD&C. CD&C also performed the tie-in of the new survey to the existing survey provided by LADOTD to produce an overall deliverable to be utilized in this design.				
10/14 – 12/14	<b><u>H.011088.5 West Prien Lake, Lake Charles, LA:</u></b> Mr. Benton served as Survey technician on this project processing survey field data. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.				




Firm employed by <b>Civil Design &amp; Construction, Inc. (CD&amp;C)</b>					
Name	Madison Mills, PLS, EI		Years of relevant experience with this employer		1+
Title	Land Survey Intern		Years of relevant experience with other employer(s)		4
Degree(s) / Years / Specialization		BS / 2016 / Civil Engineering			
Active registration number / state / expiration date		00005293 Land Survey LA 9/31/24			
Year registered	02/18/2021	Discipline	Land Surveyor		
Contract role(s) / brief description of responsibilities		Mr. Mills joined CD&C in 2021 as a Land Surveying Intern. Madison will be taking his PLS exam in 2022. He serves as a Survey Technician for CD&C working to manage field crews, process field crew data, and finalize deliverables.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).				
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #2</u></b> Mr. Mills served as an Assistant Survey PM for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.				
02/22 - 11/22	<b><u>H.02728.5 LWI Region 5 – Task Order #3</u></b> Mr. Mills served as an Assistant Survey PM for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of various structures in Lafayette Parish, Vermillion Parish, and St. Mary Parish to help fill in data for the watershed model.				
02/21 - Ongoing	<b><u>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:</u></b> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.				
02/21 - Ongoing	<b><u>H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish, LA :</u></b> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.				
02/21 - Ongoing	<b><u>H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:</u></b> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.				
07/21 – 11/21	<b><u>H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:</u></b> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.				
02/21 – 05/21	<b><u>H.010108 Safe Routes to Schools – Independence Sidewalks, Baton Rouge, LA:</u></b> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.				
07/21 – 12/21	<b><u>H.0014560.5 LA 94 Vermillion River, St. Martin Parish, LA:</u></b> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.				

Firm employed by <b>Civil Design &amp; Construction, Inc. (CD&amp;C)</b>			
Na me	Bradley Jacobs, EI		Years of relevant experience with this employer  > 1 yr.
Titl e	Engineering Intern		Years of relevant experience with other employer(s)  9 years
Degree(s) / Years / Specialization		BS / 2015 / Civil Engineering	
Active registration number / state / expiration date		No. 0032456 / Louisiana / 09/30/2023	
Year registered	06/08/2015	Discipline	Engineering Intern
Contract role(s) / brief description of responsibilities * Dates not included as work was done at previous Employer		Mr. Jacobs will process field crew data and finalize deliverables.	
Experience dates (mm/yy– mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).		
01/15 – 05/15	<b><u>Albany Annex</u></b> - Worked on the boundary survey for extending the town limits of Albany, Louisiana. I went to the courthouse and did title research for the properties that were obtained for the annex. I set the new boundary lines for the new town limits. I also drew the map showing the boundary of the properties that were obtained.		
06/15 – 06/19	<b><u>Pecue Lane</u></b> - Worked on Right of Way maps and the Traverse Control Sketch. For the Right of Way maps, I set where the monuments will be in the office. I also calculated the bearings and distances between each right of way monument. I also wrote the legal descriptions for the Right of Way and verified that it matches the maps. I also created the control sketch based off the traverse. All drawings were created up to DOTD Standards.		
06/15 – 07/15	<b><u>Essen Lane Control</u></b> - Worked on Right of Way maps in the office and helped set monuments in the field. I set the points for all the right of way monuments in the office and then went to the field to assist the crews in staking out and setting the monuments 2021 Bellacosa Residential Subdivision - Generate Point file for the survey crew to stakeout the property corners for each lot within the subdivision.		
04/21 – 05/21	<b><u>Jefferson and Corporate Interchange Survey</u></b> - Created the GPS control sketch that shows the traverse for the survey.		
06/2021	<b><u>Pollard Branch</u></b> - Wrote the legal descriptions for three different tracts. The legal descriptions reflected the overall boundary survey maps. Topographic Surveys		
06/14 – 07/14	<b><u>I-12 to Bush</u></b> – Worked as a rodman. We cut cross sections every 100 feet for road improvements and did a topographic survey using total stations.		

Firm employed by <b>Civil Design &amp; Construction, Inc. (CD&amp;C)</b>					
Name	Clarence J. Goodspeed		Years of relevant experience with this employer		> 1 yr.
Title	Utility Coordinator		Years of relevant experience with other employer(s)		30 years
Degree(s) / Years / Specialization					
Active registration number / state / expiration date					
Year registered		Discipline			
Contract role(s) / brief description of responsibilities * Dates not included as work was done at previous Employer		*Mr. Goodspeed has 30 years' experience in underground utilities. Mr. Goodspeed has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C Sue department.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).				
09/22 – On-Going	<b>(Proj# Not Available) BRMA Northwest Aviation Development:</b> Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel 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 was in accordance with standards set forth by City/Parish government for East Baton Rouge.				
03/22 – On-Going	<b>H.011833.5 St. Mary Street Sidewalks; Scott, LA:</b> Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel 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 was in accordance with latest LADOTD Location and Survey standards.				
03/22 – 09/22	<b>H.010960.5-2 Roundabouts at LA 182, Lafayette, LA:</b> Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel 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 was in accordance with latest LADOTD Location and Survey standards.				
01/99 – 1/2000; 01/01 – 12/03; 01/12-04/12; 01/13 – 03/22	<b><u>BHA Engineering</u></b> Damage prevention tech (Underground Locator) contracted to Demco Electric to locate their underground facilities.				
01/2000 – 12/2000	<b><u>Wave Tech Geophysical Engineering</u></b> Conducted SUE work, vacuum excavation, ground penetrating radar, road pavement GPR, leak detection, researching utility prints, and conducting locates on military facilities and airports.				
07/06-12/06	<b><u>Bron Construction</u></b> Assisted in maintenance, and new construction of Entergy Electric underground and some overhead lines.				
12/03 – 07/06	<b><u>UtiliQuest LLC</u></b> Supervisor, Damage Investigator, State Claims Manager, and Operations Manager. Also, took part in negation of contracts.				
04/12-12/12	<b><u>Fibore</u></b> Filled in as supervisor for burying Charter Communication service drop crews, installation of main and service drops with directional boring rig, assisted in settling property damage claims, and assisted in pointy of contact with Charter Construction personal.				

Firm employed by <b>Civil Design &amp; Construction, Inc. (CD&amp;C)</b>			
Name	Tracey Smith		Years of relevant experience with this employer
			> 1 yr.
Title	Utility Coordinator		Years of relevant experience with other employer(s)
			24 years
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities * Dates not included as work was done at previous Employer		*Mr. Smith has over 24 years' experience in underground utilities. Mr. Smith has worked in the gas field for 3 years and spent 19 years performing various underground utility locations and serving as a supervisor for a number of locate technicians.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
09/22 – On-Going	<b>(Proj# Not Available) BRMA Northwest Aviation Development:</b> Mr. Smith serves as the firms SUE field chief for the project. He is working in the field 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 was in accordance with standards set forth by City/Parish government for East Baton Rouge.		
05/22 – On-Going	<b>H.011833.5 St. Mary Street Sidewalks; Scott, LA:</b> Mr. Smith serves as the firms SUE field chief for the project. He is working in the field 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 was in accordance with latest LADOTD Location and Survey standards.		
05/22 – 09/22	<b>H.010960.5-2 Roundabouts at LA 182, Lafayette, LA:</b> Mr. Smith serves as the firms SUE field chief for the project. He is working in the field 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 was in accordance with latest LADOTD Location and Survey standards.		
01/11 – 12/21	<b>USIC</b> Mr. Smith served as a utility claims adjuster for damages for 10 years.		
01/2000 – 1/11	<b>Utilquest</b> Mr. Smith served as the lead supervisor in charge of day to day operations for damage utility technicians performing underground utility locations of various utilities.		
01/98 – 01/2000	<b>Sprint</b> Mr. Smith was a damage prevention technician for various communication utilities.		

Firm employed by		<b>Huval &amp; Associates, Inc..</b>		
Name	<b>Robert Schmidt, P.E., PTOE</b>		Years of relevant experience with this employer	3
Title	Engineering Manager		Years of relevant experience with other employer(s)	34
Degree(s) / Years / Specialization			B.S., Civil Engineering – LSU, 1982	
Active registration number / state / expiration date			22837 / LA / 09/30/2023	
Year registered	1987	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			<b>Roadway and Traffic Design</b>	
				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
<p>Mr. Schmidt is a Senior Manager at Huval and Associates. Prior to this he was Practice Leader for international engineering firms in the Louisiana and the Gulf Coast Area. He has 37 years of broad transportation experience in New Orleans, Baton Rouge and across the nation, with a focus on the most challenging projects in the industry. Mr. Schmidt has led all aspects of transportation including program management/administration, planning, traffic engineering, design, construction, and operations. He has led numerous alternative delivery projects such as Design-Build and Construction Manager at Risk (CMAR). He has devoted his career to providing credible, quality, innovative solutions to Louisiana's transportation system and other systems across the country.</p>				
<b>(11/18-5/19)</b>	<b>I-10 Loyola Design-Build Project RFP Phase 30% Design - S.P. H.011670</b> – Design Manager for the preparation of steel tub girder design and details, concrete box girder design and plans, as well as plans and proposal documents for the RFP phase of the project. Created dozens of computer models in order to analyze and size the steel tub girders, taking into account system redundancy. Assisted in development of alternative technical concepts, suggested sequence of construction, and miscellaneous bridge and other details. Assisted in the coordination and organization of all project data with the various members of the design team from numerous consulting firms.			
<b>(1/18-Present)</b>	<b>Louisiana DOTD, New Belle Chasse Bridge P3 Project - S.P. H.004791</b> – Mr. Schmidt is the Design Manager for the new \$150 million Belle Chasse bridge and urban roadway approaches, including a new access management interchange between LA 23 and Engineers Road. In this role he is responsible for all design work performed on the project including road, bridge, geotechnical, traffic engineering, and other disciplines. The project is currently 50% through the design phase.			
<b>(1/20-Present)</b>	<b>Louisiana DOTD, Comite Diversion Canal Highway and Railroad Bridges CMAR, Caddo Parish, Louisiana - S.P. H. 001352.5 and H. 002273.5</b> – Mr. Schmidt is serving as the CMAR liaison for the CMAR Preconstruction Phase of this \$50 million project to build new highway bridges on LA 19 and LA 67 over the new Comite River Diversion Canal. The project also includes design of a new railroad bridge over the new canal parallel to LA 19. Detour roadways, railroad shooflys, utility coordination are also a part of the project.			
<b>(1/18-6/19)</b>	<b>Louisiana DOTD, I-10 Widening LA 415 to Essen Lane on I-10 and I-12, WBR and EBR Parishes, Louisiana (Management and Advisory Services) - S. P. H.004100.2</b> -- Mr. Schmidt was Huval Project Manager and Principal in responsible charge of program management and strategic advice to the DOTD on its \$1.1 billion project to widen I-10 in the heavily congested section through Baton Rouge. This very complex project will replace existing bridges in the urban area within an extremely constrained right of way while maintaining the existing 3 lanes of traffic flow on I-10 through the construction zone. Roles include alternative concepts development, construction sequencing, maintenance of traffic plans, contractor style cost estimates, developing individual project breakout segments, overall program scheduling, risk matrix and			



	assessment, utility conflicts matrix, funding and cash flow assessments, and a formal Project Management Plan in accordance with FHWA guidelines for projects over \$500 million for use by DOTD to guide project and program implementation. Schmidt led the team including numerous strategic meetings and workshops with DOTD staff and FHWA. The Program Management project will end Mid 2019 and construction is expected to begin in 2020.
<b>(3/17-1/18)</b>	<b>Louisiana DOTD, I-10 Design-Build, EBR to Ascension Parishes, Louisiana – S.P. H.009250</b> – Mr. Schmidt was Huval project manager and principal in responsible charge of engineering/design of the various bridges included as part of this \$72 million design-build project. The project includes steel plate girder and PPC girder bridges. Bob managed Huval’s design of these bridges in interaction with the Owner (DOTD) and Contractor. The existing I-10 mainline bridge at the Highland Road interchange needs to be reconstructed under the project to provide longer spans in addition to more lanes. An innovative sequence of construction scheme and bridge design enables construction of this bridge while maintaining 90,000 ADT traffic. Huval’s cost-effective designs and construction sequencing enabled its design-build team to be the only competitor to fit within the Owner’s budget of \$72 million. Construction began January 2018.
<b>(1/18-6/20)</b>	<b>GNOEC Safety Bay Improvement CMAR (Program and Project Management Services).</b> Since January 2018 Mr. Schmidt has served as Program Manager on behalf of the GNOEC, working with the General Manager plus Financial and Operations staff, for the \$55 million Safety Bay project on the 25-mile Causeway Bridge over Lake Pontchartrain. In January 2019 the \$40 million Safety Rail project was added under Mr. Schmidt’s management. The Safety Bay project, providing 12 bays 16’ wide by 1008’ long, is the first Construction Manager At Risk (CMAR) highway project in Louisiana. In his role, Mr. Schmidt led the Project Team, including Owner, Designer, Contractor, and ICE through all steps of scoping, procurement, pre-construction design, scheduling, specifications, and construction. This included development of a Guaranteed Maximum Price, an accelerated project schedule (design 6 months and construction 15 months), and a unique maintenance of traffic plan to maintain safety such that the existing bridges could be widened under traffic without reducing the number of lanes or narrowing and shifting the lanes. A Segmented CMAR approach was utilized so that advance construction packages including an Advance Pile Program and Advance Pile Order were implemented as well as the final CMAR package and GMP. Construction began December 2018. Mr. Schmidt is currently serving in a Principal role for Huval as Owner’s Representative for the construction phase of both projects.
<b>(2/90-3/17)</b>	<b>Louisiana DOTD, I-49 Connector Urban Freeway Program, Lafayette, Louisiana.</b> Mr. Schmidt was project manager and project principal for the NEPA planning and engineering design program, covering 27 years, for this 6-mile, \$900 million, urban freeway section in Lafayette, Louisiana. This extremely complex and challenging project includes design of 3 1/2 miles of six and eight lane elevated freeway, a directional interchange, numerous braided ramps, railroad bridges, traffic signals, parallel frontage roads, and other features. Services also included traffic engineering, NEPA planning (EIS and ROD), context sensitive design, public involvement, litigation support, and a special GIS web-based public information exchange regarding project design and right of way details. Mr. Schmidt led design and a PSE package of the widening from four- to six-lanes of two miles of the Evangeline Thruway, beginning at the existing southern terminus of I-49 at the I-10 interchange, as a first step in the project and ultimately to serve as the first segment of the southern extension of I-49.

Firm employed by		<b>Huval and Associates, Inc.</b>	
Name	<b>Colby Guidry, P.E.</b>	Years of relevant experience with this employer	15
Title	Civil Engineer, Vice President	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		08/95-05/00 Bachelor of Science, Civil Engineering	
Active registration number / state / expiration date		31338 / LA / 09/30/2024	
Year registered	2004	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		<b>Bridge Design, Inspection, and Ratings</b>	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
<p>Mr. Guidry came to Huval &amp; Associates with 7 years’ experience with the Federal Highway Administration (FHWA). His FHWA experience included all aspects of transportation related projects, where he was actively involved with environmental review, design, construction, and maintenance of bridges and roadways throughout Louisiana. Since joining HUVAL, he has been involved in bridge and structural design, plan preparation, bridge inspections, and construction support services. Completed the two-week FHWA approved comprehensive bridge training course for bridge inspectors, certified as a Bridge Inspection Team Leader, completed the NHI LRFR for Superstructures Course, the Work Zone Traffic Control Technician and Supervisor Courses, ATSSA Flagger Training, the NHI Design &amp; Operation of Work Zone Traffic Control, Roadside Design Course, NHI Highway Hydraulics Course, NHI Urban Drainage Design Course, as well as many construction and environmental related courses. Very familiar with the LADOTD Bridge Design Manuals, 2002 AASHTO Bridge Specs, and the current AASHTO LRFD Bridge Specs</p>			
<b>(01/07-Present)</b>	<p><b>St. Martin Parish Bridge Program</b> - From 2007 to present, Mr. Guidry has been involved in the Inspection and Rating of Bridges for the Parish of St. Martin. This work also included the design of Bridge Repair Projects, in particular the repair of Timber Piling on Precast Bridges. Bridges included one Pontoon Bridge, one Swing Span Bridge and numerous Timber and Precast Concrete Bridges.</p>		
<b>(01/17-Present)</b>	<p><b>St. Landry Parish Bridge Inspection</b> - From 2017 to present, Mr. Guidry has been involved in the Inspection and Rating of Bridges for the Parish of St. Landry. This work also included the design of Bridge Repair Projects, in particular the repair of Timber Piling on Precast Bridges. Bridges included several Steel Railcar, Timber and Precast Concrete Bridges, as well as precast and cast in place box culverts.</p>		
<b>(12/20 – 06/21)</b>	<p><b>Ascension Parish 26 Bridge Ratings</b> – Inspected, gathered documentation, rated, provided repair plans, as well as assisted in construction rehab reviews for 26 Ascension Parish bridges. Complex analysis rating analysis allowed the bridges to remain open while repairs were planned.</p>		
<b>(4/18 – Present)</b>	<p><b>Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400011225</b> - Supervisor Engineer of Retainer Contract. Responsible for project management, coordination, project setup, QA/QC, and bridge rehab design for the \$4M retainer.</p>		



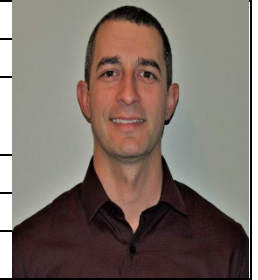
<b>(09/12 – 12/17)</b>	<b>Retainer Contract for Bridge Repair and Rehabilitation Services - Statewide, Contract No. 4400002537-</b> Supervising Engineer of Retainer Contract. Responsible for coordination, inspections, project setup, QA/QC, bridge rehab design for the \$6M retainer contract.
<b>(05/11 – 08/15)</b>	<b>Retainer for Engineering Services for Bridge Preventive Maintenance (BRPM) - Statewide, Contract No. 440001543-</b> Lead Engineer of Retainer Contract. Led the Inspection and Design for 8 different Task Orders covering Preventive Maintenance Repairs for over 100 Bridges statewide in short timeframes.
<b>(08/09– 06/15)</b>	<b>Retainer Contract for Bridge Repair and Rehabilitation Services - Statewide, S.P. 700-99-0488 -</b> Lead Engineer of Retainer Contract. Responsible for coordination, inspection team leader, project setup, bridge design, and QA/QC of Task Orders totaling approximately \$8.75M over a 5-year period. Contract utilized multiple Subconsultants on all aspects of bridge design and inspection.
<b>(03/09 – 11/12)</b>	<b>I-49 Bridges (Various Segments), Under Retainer No. 4400000670 –</b> Lead Engineer for LRFR load ratings for 18 bridges, design and final plans of over 10 bridge structures and 1 box culvert structure. Bridge types included steel girder, prestressed concrete, and slab spans. Managed several sub-consultants producing numerous bridge plans.
<b>(01/19- Present)</b>	<b>Herman Dupuis Swing Span Bridge (Movable) – St. Martin Parish –</b> Project Manager for the design and plan development of a new swing span bridge over alligator bayou which will replace the Butte LaRose Pontoon bridge. Design elements include all aspects of the bridge including environmental clearance, surveying, structural design, mechanical design, electrical design, hydraulic design, roadway design, and all other design elements.
<b>(10//14 – 12/14)</b>	<b>Bayou Mercier Bridge Rehabilitation, St. Martin Parish –</b> Project Engineer for the construction project which consisted of repairing piles, cap replacements, wingwall construction, and other miscellaneous works.
<b>(10/14-03/15)</b>	<b>St. Martin Parish Phase II Bridge Repairs, St. Martin Parish –</b> Project Engineer for the complete reconstruction of three concrete bridges. Construction consisted of new piles, concrete panel removal, new caps, new bulkheads, new wingwalls, new roadway approach work, new guardrail.
<b>(10/14-05/15)</b>	<b>St. Martin Parish Phase III Bridge Repairs, St. Martin Parish –</b> Project Engineer for the complete reconstruction of three concrete bridges. Construction consisted of new piles, concrete panel removal, new caps, new bulkheads, new wingwalls, new roadway approach work, new guardrail.
<b>(12/15-03/16)</b>	<b>Rusty Rd. Bridge Replacement, St. Martin Parish –</b> Assistant Project Engineer for the bridge replacement project on Rusty Rd. in St. Martin Parish. New bridge consisting of new concrete girders, new concrete caps, new concrete piles, new wingwalls, new backwalls, new approach slabs, new approach roadway, new asphalt, etc.
<b>(12/17 – ongoing)</b>	<b>Desselles Crossing Bridge Rehabilitation, Avoyelles Parish –</b> Project Engineer for the bridge rehabilitation project, which consists of 30 pile splices, new stringers, cap repairs, new backwalls, approach work.
<b>(11/17-07/18)</b>	<b>Surrey St. Bridge Repairs, Lafayette Parish –</b> Assistant Project Engineer for the repair of the Surrey St. Bridge in Lafayette. Project consisted of bearing repair and replacement, concrete riser construction, deck overlay, joint repairs, painting of steel girders with full enclosure, and miscellaneous work.

Firm employed by		<b>Huval &amp; Associates, Inc.</b>	
Name	<b>Glenn McCall, P.E.</b>	Years of relevant experience with this employer	4
Title	Civil Engineer	Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization		Bachelor of Science Civil Engineering / Structural, 05/97 Bachelor of Science Agricultural Engineering, 05/96	
Active registration number / state / expiration date		29639 / LA / 09/30/2023	
Year registered	2001	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		<b>Roadway Design</b>	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
<p>Mr. McCall has over 26 years of experience in a wide variety of projects. His depth of knowledge is primarily in the geometric and drainage areas of transportation projects. Secondly, Mr. McCall has significant experience in specialty structural engineering projects over a wide variety of industries. Mr. McCall began his interstate design experience working on projects for TXDOT with a national firm in their bridge design section. Upon returning to Louisiana, Mr. McCall worked on Design-Build, Design Bid Build, Retainer Contracts, Stage 0s, Off-System Bridge and Urban System projects for the LA DOTD. In addition to the LA DOTD work, he has design, managed, or served as the quality control manager for several major road projects for the Private Clients with Permit Projects through the Louisiana Department of Transportation and Development, the Lafayette Consolidated Government, and the Calcasieu Parish Police Jury. In response to the public demand for accelerated completion of infrastructure projects, LA DOTD has implemented alternative delivery methods. Mr. McCall has adopted a vision which supports the LA DOTD project delivery goals. During the past seven plus years his focus has been in alternative delivery projects for the LA DOTD. Mr. McCall’s breadth of design experience during his career complements the duties required of the Roadway Design Engineer for the Roadway Design Retainer Contract. Mr. McCall’s training includes ATSSA Traffic Control Technician as well as Traffic Control Supervisor.</p>			
<b>(06/19-Present)</b>	<p><b>Belle Chasse Bridge &amp; Tunnel Replacement Project, S.P. H.004791</b> – Mr. McCall is serving as a senior design engineer on this P3 project which will construct a new toll bridge over the Gulf Intercoastal Waterway (GIWW). Mr. McCall has assisted with the completion of alternate technical concept No. 1 which will improve the efficiency of all intersections within the construction limits. In addition, Mr. McCall has worked as a senior engineer reviewing geometric design and layout, coordination of right of way and utility work and quality checks on hydraulic analysis and subsurface drainage. In addition to the design duties, Mr. McCall has also assisted with the project management activities including the management of sub-consultants, invoicing, and progress reports, as well as design quality checks and adherence to the requirements of the Form DR Process.</p>		
<b>(06/21 -Present)</b>	<p><b>I-10: LA 415 to Essen Lane on I-10 and I-12 CMAR, S.P. H004100</b> - As a Senior Roadway Engineer on the project, Mr. McCall provided project oversight, quality control checks and technical direction to the design staff for the roadway and drainage design for the section of the project from City Park Lakes to Acadian Throughway. Mr. McCall was also responsible for the design of a new utility duct bank within the congested urban corridor which provided dedicated conduit banks for the relocation of LA DOTD and ATT fiber optic infrastructure. This relocation required close coordination with the road and bridge design solutions along the corridor to ensure future conflicts were mitigated.</p>		



<b>(06/16-Present)</b>	<b>I-49 South @ Verot School Road, S.P. H.011235.5</b> – Mr. McCall serves as a senior engineer for the road and drainage design portion of this project encompassing the Verot School Rd. improvements as well as the parallel service road. As part of his work, Mr. McCall has assisted with the development of the temporary traffic control plans. In addition to the roadway aspects, Mr. McCall also provided the customized drainage design for the scuppers on the bridge structures. Mr. McCall also created a SWMM model of the existing and proposed conditions which will be used to meet the requirements of the railroad owner adjacent to the project. This model is a hydrodynamic model with evaluates water surface elevations at time step intervals for the 100-year storm event while also dynamically modeling the water surface elevation of the outfall channel.
<b>(05/13-05/19)</b>	<b>US 90(I-49 South) Albertson’s Parkway to Ambassador Caffery Design-Build S.P. H.010620</b> – Under the Design-Build Contractor, Mr. McCall served as the Principal in Charge of the Design Team for this project. In this role, Mr. McCall provided coordination between the Contractor and all members of the design team through coordination with the Project Manager. Mr. McCall also provided lead technical experience to the design team during initial construction document production and through completion of construction of the project.
<b>(09/13-0 2/19)</b>	<b>Heavy Haul Road Project (HHR), Lake Charles Chemical Complex Project</b> – Principal in charge and Senior Technical Lead for the 2017 <b>LADOTD Excellence Award</b> winning project. This project improved LA HWY 379 in Lake Charles, LA in support of the \$11B petrochemical project for Sasol North America. For this project, the existing road improvements were required to meet LADOTD standards while accommodating over 300 heavy haul moves across the almost three miles of roadway. The final design incorporated additional pavement and pavement markings to both accommodate heavy haul vehicles ranging in length from 150’ to over 300’ with weights varying from 500 tons to over 3,000 tons. Since LA 379, is a significant arterial to the community the design also accommodated the peak traffic demands of the community as well as the 6,000 plus workers accessing the site daily. Once the geometric improvements were approved by the State, Mr. McCall lead the Construction Administration. At the conclusion of the project, Mr. McCall and his team submitted the LADOTD required 3059 construction packet for approval. The project team was presented with the Excellence award as a result of the private-public partnership which improved the existing roadway in accordance with all state standards and completed the project ahead of schedule and under budget.

Firm employed by		Huval & Associates, Inc.		
Name	Justin Peltier, P.E.		Years of relevant experience with this employer	10
Title	Civil Engineer		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization			08/01-05/05 Bachelor of Science in Civil Engineering	
Active registration number / state / expiration date			34765 / LA / 09/30/2023	
Year registered	2009	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Bridge Design Lead	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
<p>Mr. Peltier joined Huval &amp; Associates in 2013 with 8 years of experience in civil engineering. Previously employed with LADOTD, he was involved with the design, live load rating, plan development, and construction support of more than 20 bridge replacement projects. These consisted of various superstructure and substructure types including but not limited to: AASHTO p.p.c. girders, quadbeams, cast-in-place slab spans, precast slab spans, steel girders, steel swing spans, concrete box culverts, p.p.c. pile bents, steel H-pile and pipe pile bents, timber pile bents and column bents supported by drilled shafts and/or p.p.c. pile footings.</p> <p>Mr. Peltier assisted in developing and maintaining LADOTD’s highway safety hardware details and specifications, including but not limited to guard rail, barrier rail, and crash cushion attenuators. He served as the Engineer of Record for the LADOTD concrete barrier rail and the detour bridge special details. Mr. Peltier’s training includes the NHI LRFR for Highway Bridge Superstructure Course, the NHI AASHTO LRFD for Highway Bridge Superstructure Course, the NHI AASHTO LRFD for Highway Bridge Substructure Course, the Roadside Design Course, ATSSA Traffic Control Technician and Supervisor Course.</p>				
(09/20-Present)	<b>I-10: LA 415 To Essen Lane on I-10 and I-12 CMAR – S.P. H.004100</b> – Serving as the lead bridge engineer and overall structures team lead for this \$1 billion project to widen I-10 in the heavily congested section through Baton Rouge. This very complex project will replace existing bridges in the urban area within an extremely constrained right of way while maintaining the existing traffic flow on I-10 through the construction zone. Roles include bridge design, plan development, load rating, structure rehabilitation, alternative bridge concepts development, construction sequencing, contractor style cost estimates, managing the bridge and structural design and plan production process, leading bi-weekly structures task force meetings, and implementing the bridge design QC/QA process.			
(09/19-06/20)	<b>Airport Connector Road and Bridge, Lafourche Parish, S.P. No. H.011915.</b> Served as the lead bridge design and load rating engineer for a new lift span movable bridge over Bayou Lafourche in Galliano, LA. The bridge required a minimum horizontal and vertical clearance of 70ft and 73ft and a clear roadway width of 42ft with 5ft sidewalks on each side. The project presented unique challenges in that the horizontal clearance is skewed with respect to the bridge alignment and the mean high-water level is approximately 1ft below the existing ground at LA 1 and LA 308. The design included steel lifting girders, steel floor beams and stringers, concrete towers, footings, piers and machinery decks. The design was performed in accordance with the AASHTO LRFD Movable Bridge Design Specifications the LADOTD BDEM. Also responsible for the design of the concrete approach slab spans.			
(06/14-04/19)	<b>US 90 (I-49South), Albertson’s Parkway to Ambassador Caffery, Design-Build Project, Lafayette Parish, S.P. No. H.010620.</b> Served as the lead bridge engineer for the new US 90 bridge over Albertson Parkway and provided Q.C. for the			




	US 90 BNSF RR overpass bridge within the same footprint as the existing bridge while maintaining 4-lanes of US 90 traffic during construction. This presented unique design challenges and required a complex, three-phase, traffic control and construction sequencing plan to move traffic safely through the tight work zone. The bridges consisted of multi-continuous p.p.c. girders spans supported by concrete column bents and pile footings. The developed design concept saved millions of dollars and allowed the James Team to be 15% below the construction estimate of the nearest competitor.
<b>(07/17-08/20)</b>	<b>I-10: Highland Road to LA 73, Design Build Project, East Baton Rouge &amp; Ascension Parish, S.P. No. H.009250.</b> Served as the lead bridge engineer for the widening of the I-10 E.B. and W.B. slab span bridges over Manchac Bayou and provided Q.C. for the replacement of the I-10 E.B. and W.B. bridges over Highland Road with a new steel plate girder bridge with p.p.c. girder approach spans. The existing I-10 mainline bridge at the Highland Road interchange needed to be reconstructed under the project to provide longer spans in addition to more lanes. An innovative sequence of construction scheme and bridge design enabled construction of this bridge while maintaining 74,000 ADT traffic. Huval's cost-effective designs enabled its design-build team to be the only competitor to fit within the Owner's budget of \$72 million.
<b>(03/19-12/22)</b>	<b>I-220/I-20 Interchange IMP &amp; Barksdale Access Design-Build Project, Bossier Parish, LA DOTD S.P. No. H.003370.</b> Currently the bridge design manager and lead bridge design and load rating engineer for the I-220 bridges over I-20 and Barksdale Access Road bridges over the KCS Railroad and also responsible for implementing the QC/QA plan for the bridge design and plan development process. The I-220 structures over I-20 consist of twin bridges utilizing LG-54 p.p.c. girder spans supported by concrete column bents and drilled shafts. The Barksdale Access Road structures consist of twin bridges utilizing LG-54 p.p.c. girder approach spans supported by concrete pile bents and a main span over the KCS Railroad consisting of 170'-0", LG-78 p.p.c. girders supported by concrete column bents and drilled shafts. Some unique challenges that the project has presented is designing applicable I-220 bridge column bents for vehicular collision and completely spanning the KCS own right-of-way utilizing concrete p.p.c. girders.
<b>(04/18 -Present)</b>	<b>I-49 South at Verot School Road, Lafayette, LA, S.P. H.011235, 2016-Present.</b> Serving as the lead bridge engineer to provide final engineering and related services to construct 2.4 miles of mainline freeway and an interchange at the intersection of I-49 South/US 90 and Verot School Road. The project consists of an above grade bridge structure on Verot School Road that traverses over the I-49 South/US 90 mainline roadway over and parallel to the BNSF RR. The project also includes one-way frontage roads on both sides of the mainline roadway, a two-way collector service road east of the mainline roadway, and a new alignment of Verot School Road from the interchange to an existing bridge structure approximately 600' west of its intersection with LA 182 (Pinhook Road).
<b>(10/16-12/17)</b>	<b>LA 443: Tangipahoa River Bridge Replacement, S.P. H.012728</b> - Lead engineer in the LRFD design, LRFR load rating, and plan preparation of a LG-25 and LG-36 p.p.c. girder bridge. This was an emergency replacement, due to the flood of 2016, and 100% final plans were completed in 8 weeks.


Firm employed by		<b>Huval And Associates, Inc.</b>	
Name	<b>Matthew L. Hebert, P.E.</b>	Years of relevant experience with this employer	10
Title	Civil Engineer	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		08/02-05/08 / Bachelor of Science Civil Engineering	
Active registration number / state / expiration date		37713 / LA / 09/30/2023	
Year registered	2013	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		<b>Bridge Design and Ratings</b>	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
<p>Mr. Hebert joined Huval &amp; Associates, Inc. in 2013 with 5 years’ experience in civil engineering. Previously employed with LADOTD, he was involved with the design, live load rating, plan development, and construction support of more than 20 bridge replacement projects. These consisted of various superstructure and substructure types including but not limited to: AASHTO precast prestressed concrete (P.P.C.) girders, quad beams, cast-in-place slab spans, precast slab spans, concrete box culverts, P.P.C. pile bents, steel H-pile bents, and pipe pile bents.</p> <p>Additionally, Mr. Hebert was project manager for multiple bridge replacement projects. His responsibilities included coordinating all aspects of the plan development process including but not limited to road, bridge, hydraulic, and geotechnical engineering and determining the project scope, schedule, and budget.</p> <p>Mr. Hebert’s training includes the NHI LRFR for Highway Bridge Superstructure Course, the NHI AASHTO LRFD for HWY Bridge Superstructure Course NHI AASHTO LRFD for Highway Bridge Substructure Course, the NHI AASHTO Roadside Design Course, and the NHI Design and Construction of Driven Pile Foundations Course.</p>			
<b>(01/23-04/23)</b>	<b>I-10 Over I-49 Emergency Repairs, S.P. H.015412</b> – On January 3 <sup>rd</sup> , an over height vehicle struck the I-10 eastbound span over the I-49 northbound roadway. Mr. Hebert worked with LADOTD to develop a multi-staged approach to re-open I-10 eastbound as fast as possible. A new 3 girder section of the bridge had to be designed and constructed off site. It would later be hauled in with SPMT (Self propelled modular transporters) after the damaged section was removed using a similar approach.		
<b>(01/22-Present)</b>	<b>I-10 Calcasieu River Bridge Public-Private Partnership, Calcasieu Parish S.P. H.003931</b> – Lead Engineer for five bridges on the project. These include Bilbo St., Ryan St., and Lakeshore Drive overpasses, along with the PPG Drive and US 90 Overpasses.		
<b>(10/20-Present)</b>	<b>I-10 CMAR: LA 415 to Essen Lane on I-10 and I-12, East &amp; West Baton Rouge Parishes S.P. H.004100</b> – As an Engineer on this project, Mr. Hebert developed an alternative bridge construction phasing approach through a constructability review. This alternative phasing approach leads to safer MOT and reduced construction times, throughout the corridor.		
<b>(02/17-11/20)</b>	<b>I-10 Design Build-LA 42 to LA 73, S.P. No. H.009250</b> - Lead Engineer for the LRFD design, plan preparation, and LRFR live load rating for the Highland Rd. overpass. Highland Rd. consisted of a full replacement of 2 existing structures utilizing a 3-span structure which included 2-60ft. prestressed girder spans and 1-190ft. steel plate girder span. The superstructure is		



	support by column bents and pile bents and will be one structure at the end of the project. In order to maintain traffic, the bridge had to be constructed in 3 separate stages.
<b>(04/14-07/18)</b>	<b>I-49 South-US 90 Albertson Pkwy to Ambassador Design Build, H.010620</b> – Lead Engineer for LRFD Bridge design and plan preparation of the mainline bridge and the two frontage road bridges over BNSF Railway. The bridges consisted of BT-72 girder spans with column bents and pile footings.
<b>(06/19-Present)</b>	<b>I-220/I-20 Interchange IMP &amp; BAFA Access Design-Build Project, S.P. H.003370</b> – Mr. Hebert is serving as Bridge Design Quality Assurance on this design build project which will provide direct access to Barksdale Air Force Base. Most recently, Mr. Hebert has assisted with the QA of the I-220 Overpass bridges and KCS Overpass bridges on the project.
<b>(09/18 – 06/19)</b>	<b>Loyola Design Build I-10 Airport Interchange, Jefferson Parish, Louisiana, S.P. No. H.011670</b> - Mr. Hebert was a primary bridge engineer throughout the RFP design phase for this complex urban interchange. A new interchange was designed and superimposed onto the existing Diamond interchange to provide direct connector access to the new New Orleans International Airport terminal. Assisted in the preparation of steel tub girder design and details, concrete box girder design and details, as well as plans and proposal documents for the RFP phase of the project. Assisted in development of alternative technical concepts, suggested sequence of construction, and miscellaneous bridge design items and other details. Assisted in the coordination and organization of all project data with the various members of the design team from numerous consulting firms.
<b>(03/18 – Present)</b>	<b>Belle Chasse Public-Private Partnership Project, Plaquemines Parish, Louisiana, Project No. H.004791</b> -- Mr. Hebert was the Bridge Design Lead throughout the design phase for this new high-level fixed bridge over the Intracoastal Waterway. The new bridge will replace the existing moveable bridge and tunnel system. This is the first highway public-private partnership project in Louisiana. The bridge will be constructed in 2 stages to assist in MOT.
<b>(09/18 –08/19)</b>	<b>LA 106: Bayou Boeuf Bridge, H.009497</b> - Lead Engineer for the LRFD design, plan preparation, and LRFR live load rating of a new bridge structure to replacement an existing bridge. The new bridge structure consisted of LG girders and pile bents.
<b>(11/15 – 04/17)</b>	<b>Kaliste Saloom Roadway Widening, LCG</b> – Lead Engineer for the LRFD Bridge Design and plan preparation of an AAHSTO Type 4 girder bridge with pile bents on skew.
<b>(10/16-12/17)</b>	<b>LA 443: Tangipahoa River Bridge Replacement, S.P. H.012728</b> – Assisted in the LRFD design, LRFR load rating, and plan preparation of a LG-25 and LG-36 p.p.c. girder bridge. This was an emergency replacement and 100% final bridge and roadway plans were completed in 8 weeks. In addition to the emergency timeline, the project had to be designed and constructed within the existing right-of-way and could not interfere with another bridge structure located approximately 250ft east of the existing bridge to be replaced. LADOTD also required that the low chord elevation of the new bridge be set to maximize the design storm flood year while also meeting all other project constraints. The design of the bridge also had to meet the LADOTD minimum design guidelines for design speed and ADT.


Firm employed by		<b>Huval &amp; Associates, Inc.</b>		
Name	<b>Michelle Helminger, P.E.</b>	Years of relevant experience with this employer	7	
Title	Civil Engineer	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization		08/2010-05/2014 Bachelor of Science Civil Engineering		
Active registration number / state / expiration date		43123 / LA / 03/31/2025		
Year registered	2018	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>Roadway and Traffic Design</b>		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
<p>Mrs. Helminger joined Huval and Associates following her graduation from the University of Louisiana – Lafayette in 2014. In her time with HUVAL, Mrs. Helminger has been involved in roadway geometric design, traffic control &amp; MOT design, structural design, plan preparation, and construction support services. Mrs. Helminger has also performed a variety of services for LADOTD bridge rehabilitation projects, including S.P. 700-99-0559 Retainer Contract for Bridge Preventive Maintenance Program (BRPM), S.P. 4400002537 Retainer Contract for Engineering Services for Bridge Preservation, and several other Retainer Contracts. In addition to typical LADOTD bid-build projects, Mrs. Helminger has been involved in many of LADOTD’s alternative delivery projects.</p>				
<b>(01/22-Present)</b>	<p><b>I-10 Calcasieu River Bridge Public-Private Partnership Project, S.P. H.003931</b> – Mrs. Helminger is serving as the assistant Lead Roadway Engineer for the proposal documents for the RFP phase of the I-10 Calcasieu River Bridge replacement project. Mrs. Helminger developed the overall geometric layout and coordinated multiple engineering firms in developing a cohesive set of 30% roadway drawings. Mrs. Helminger developed typical sections, defined project design criteria and document design decisions through the proposal phase. Additional work includes assisting in the development of the maintenance of traffic scheme, layout of required retaining walls, and coordination of other design discipline to result in a cohesive design.</p>			
<b>(08/22-Present)</b>	<p><b>LA 454: Wiggins Bayou Bridge, S.P. H.012545</b> – Mrs. Helminger is serving as roadway design engineer on this project to replace the existing bridge on LA 454 over Wiggins Bayou. Tasks include geometric layout which best matches existing geometry, upgrade to roadway cross section to meet current design standards, slope stability improvements in channel and channel regrading. Prior to preliminary plan development, Mrs. Helminger performed a design study to evaluate the effects of various alignment and roadway typical section options.</p>			
<b>(06/19-Present)</b>	<p><b>Belle Chasse Bridge &amp; Tunnel Replacement Project, S.P. H.004791</b> – Mrs. Helminger is serving as a roadway design engineer on this P3 project which will construct a new toll bridge over the Gulf Intercoastal Waterway (GIWW). Mrs. Helminger provided design on this project from the initial bid phase to present. Mrs. Helminger served as the primary roadway engineer and the primary point of contact for subconsultants including coordination of lighting, drainage, traffic signals, and MSE walls. Mrs. Helminger developed the overall geometric layout which dictated the available MOT options required to maintain two-lanes of traffic in each direction for the duration of construction. Detailed traffic control plans were developed by Mrs. Helminger to support the construction phasing. Coordination efforts also include utility relocations &amp; ROW acquisition services.</p>			

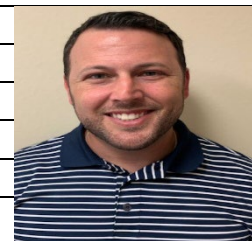
<b>(06/20-05/21)</b>	<b>Comite River Diversion Bridges at LA 67, LA 19, and LA 19 Railroad Bridge - S.P. H.001352 and H.002273</b> – Mrs. Helminger served as the roadway quality control engineer for the CMAR project which includes the construction of new bridges over the Comite River Diversion Channel (CRDC). This project had two sites: LA 67 and LA 19. LA 67 is a two-way two-lane roadway while LA 19 is a 4-lane divided roadway. Mrs. Helminger reviewed all roadway & drainage plans including temporary diversion plans for all plan development stages.
<b>(03/18-01/22)</b>	<b>Replacement of the Cal Road Bridge over Claycut Bayou and the Moss Side Lane Bridge over Dawson Creek – S.P. H.011791</b> – Mrs. Helminger served as the roadway design engineer for the replacement of two bridges on local roadways in East Baton Rouge Parish. Mrs. Helminger developed typical sections, geometric layout, and provided detour routes for roadway closures. The project included mill and overlay, roadway widening, and accommodation of sidewalks.
<b>(06/16-Present)</b>	<b>I-49 South-Verot School Road Interchange - S.P. H.011235</b> - Mrs. Helminger is a roadway design engineer and part of the Prime Consultant Team to provide preliminary and final engineering and related services to construct 2.4 miles of mainline freeway and an interchange at the intersection of I-49 South/US 90 and Verot School Road. Mrs. Helminger assisted in the overall geometric layout for the project during preliminary plans phase. She has also developed a suggested sequence of construction which maintains traffic on all major roadways during construction. She has assisted in coordinating with multiple design firms performing design in multiple disciplines to generate a cohesive and complete set of plans which meet the project requirements. Additional coordination on the project includes coordination with LADOTD right-of-way, BNSF Railroad, local municipalities, and multiple utility companies.
<b>(10/16-12/17)</b>	<b>LA 443: Tangipahoa River Bridge Replacement, S.P. H.012728</b> – Mrs. Helminger supported the roadway & drainage design efforts for this bridge replacement project. Design tasks included roadway plans, channel grading plans, and detour layout. This was an emergency replacement, due to the flood of 2016, and 100% final plans were completed in 8 weeks.

Firm employed by		<b>Huval &amp; Associates, Inc.</b>		
Name	<b>Nicholas Helminger, P.E.</b>	Years of relevant experience with this employer	4.5	
Title	Civil Engineer	Years of relevant experience with other employer(s)	5	
Degree(s) / Years / Specialization		08/2009-05/2013: Bachelor of Science Civil Engineering 08/2013-12/2014: Master of Science in Civil Engineering		
Active registration number / state / expiration date		41937 / LA / 03/31/2024		
Year registered	2017	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>Roadway Design</b>		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
<p>Mr. Helminger joined Huval and Associates in 2018 with 5 years’ experience with Professional Engineering &amp; Surveying Co, Inc. (PENSCO). His experience with PENSCO included multiple aspects of engineering including roadway design, drainage design, bridge design, plan and specification preparation, construction layout, and construction administration. Since joining HUVAL, Mr. Helminger has been involved in roadway design, bridge design, project management and plan preparation for several LADOTD projects. Mr. Helminger’s training includes the ATSSA Traffic Control Technician and Traffic Control Supervisor.</p>				
<b>(03/22-Present)</b>	<p><b>Jimmie Davis Bridge (LA 511) (HBI) Design Build Project - S.P. H.001779</b> – Mr. Helminger is serving as the lead road design engineer on this project to design and construct a new 4 lane bridge across the Red River in Caddo/Bossier Parish. The project includes reconstruction of nearly 2 miles of LA 511 into a 4-lane median divided highway, construction of full access interchange connections with LA 511 at both Arthur Ray Teague Parkway and Clyde Fant Memorial Parkway, and improvements to other local roadways. Project includes conversion of Existing Jimmie Davis Bridge into a Linear Park, constructing new multi-use paths, and elevated ramps to connect the paths to the Linear Park.</p>			
<b>(04/21-Present)</b>	<p><b>I-10: LA 415 to Essen Lane on I-10 and I-12 - S.P. H.004100</b> – Mr. Helminger is serving as a lead road design engineer on this CMAR project which includes the reconstruction and widening of I-10 from the Mississippi River Bridge to the I-10/I-12 split. Design duties include horizontal and vertical geometrics for I-10 mainline and entrance/exit ramps and sequence of construction and temporary traffic control along I-10 mainline. As part of the CMAR process, Mr. Helminger is involved in design workshops, bi-weekly task force meetings, and quantity and cost reconciliation meetings.</p>			
<b>(07/21-Present)</b>	<p><b>LA 94: Vermilion River Bridge Replacement - S.P. H.014560</b> – Mr. Helminger is serving as the lead road design engineer for the replacement of the LA 94 Bridge over the Vermilion River in Lafayette/St. Martin Parish. Mr. Helminger designed the horizontal and vertical geometry of LA 94 and the diversion roadway and prepared all roadway plan sheets.</p>			
<b>(06/20-05/21)</b>	<p><b>Comite River Diversion Bridges at LA 67, LA 19, and LA 19 Railroad Bridge - S.P. H.001352 and H.002273</b> – Mr. Helminger served as the lead road design engineer and assistant project manager on this CMAR project which includes the construction of new bridges over the Comite River Diversion Channel (CRDC). This project had two sites: LA 67 and LA 19. LA 67 is a two-way two-lane roadway while LA 19 is a 4-lane divided roadway. On site diversion roadways were used on both sites. Mr. Helminger designed the horizontal and vertical geometry for both roadways and diversion roadways, typical sections, sequence of construction, drainage, guardrail, pavement markings, signing, and cross sections. He also created typical sections, plan profiles, and cross sections of the CRDC that will be excavated under this project. The LA 19 site included a railroad crossing over the CRDC. Mr. Helminger designed the vertical and horizontal alignment for the permanent</p>			

	<p>rail over the channel and the shoofly railroad used to maintain rail traffic during construction. Mr. Helminger also computed quantities, developed cost estimates, and participated in all design workshops, plan reviews, and quantity and cost reconciliation meetings as part of the CMAR process.</p>
<b>(11/19-06/20)</b>	<p><b>I-10 and I-12 College Dr. Flyover Ramp Design-Build Project RFP Phase 30% Design - S.P. H.013897</b> – Prepared plans and proposal documents for the RFP phase of the project. Analyzed numerous geometric layouts and cross sections along the I-10/I-12 corridor to develop a flyover concept which fit within the existing right-of-way while complying with project requirements. Designed typical sections, sequence of construction, guardrail, concrete barriers, MSE walls, sound barrier layout, drainage, and computed road quantities. Performed the role of Assistant Design Manager by conducting weekly meetings and coordinating the design team and contractor to develop plans, quantities, and proposal documents.</p>
<b>(01/20-08/21)</b>	<p><b>Belle Chasse Bridge &amp; Tunnel Replacement Project - S.P. H.004791</b> – Mr. Helminger performed the roadway plan review on the Belle Chasse project. The project review consists of overall geometric layout (horizontal and vertical), overall design compatibility between various disciplines of engineering, and plan set review per the project QA/QC process. Additionally, Mr. Helminger reviewed the temporary traffic control plans and signing/pavement marking plans.</p>
<b>(01/19-05/19)</b>	<p><b>I-10 Loyola Design-Build Project RFP Phase 30% Design - S.P. H.011670</b> – Assisted in the preparation of plans and proposal documents for the RFP phase of the project. Assisted in development of alternative technical concepts, created roadway typical sections, assisted in roadway geometric design, suggested sequence of construction, and roadway quantities. Assisted in the coordination and organization of all project data with the design team.</p>
<b>(10/18-12/22)</b>	<p><b>I-220/I-20 Interchange Imp. &amp; BAFB Access Design-Build Project – S.P. H.003370</b> – Preparation of plans and proposal documents for the RFP phase of the project. Created typical sections, design/layout of guardrail, pier protection and roadway barrier, calculated roadway quantities, performed preliminary bridge design calculations and assisted with coordination of the design team. Served as a road design engineer and bridge QC for the design phase.</p>
<b>(10/18-Present)</b>	<p><b>I-49 South-Verot School Road Interchange - S.P. H.011235</b> – Serving as assistant project manager and road design engineer. Prepared and reviewed roadway plans for LADOTD submittal. Designed vertical profiles and performed QC checks on horizontal geometry. Assisted subconsultants in the design of subsurface drainage systems and developed a plan for alternative outfalls. Performed bridge design calculations including prestress girder design checks to determine span lengths, preliminary pile loads for column bents and pile bents, and vertical clearance calculations. Computed quantities and developed construction costs estimates. Coordination of design and plan consistency between several firms.</p>
<b>(05/13-07/18)</b>	<p><b>I-49 South: Ambassador Caffery &amp; U.S. 90 Interchange - S.P. H.002868</b> – Prepared roadway plan profiles, typical sections, barrier details, pavement marking details, embankment widening and guardrail details, suggested sequence of construction, MSE wall layout and details, quantity tables, and all bridge plans for the 2 mile stretch of urban freeway in Lafayette Parish. Assisted in drainage design and vertical alignment of roadways. Performed all bridge design calculations including deck design, girder design, column bent and pile bent design, footings, columns, pile loads. Calculated all riser and bent elevations. Assisted in the coordination and organization of subconsultants.</p>

Firm employed by		<b>Huval &amp; Associates, Inc.</b>		
Name	<b>Reid Romero, P.E.</b>		Years of relevant experience with this employer	14
Title	Civil Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			08/04-05/08 Bachelor of Science Civil Engineering	
Active registration number / state / expiration date			37772/LA/09/30/2023	
Year registered	2013	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			<b>Bridge Design</b>	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Mr. Romero came to HUVAL after graduating from the University of Louisiana at Lafayette in 2008. Since joining Huval & Associates, Inc., Mr. Romero has been involved in bridge and structural design, plan preparation, bridge inspections and construction support services. Mr. Romero completed several NHI training courses including Fundamentals of LRFR and Applications of LRFR for bridge superstructures course, and a Drilled Shaft LRFD design methods and construction procedures course. Mr. Romero is familiar with the LADOTD Bridge Design Manual, LADOTD LRFD Bridge Design Manual, 2002 AASHTO Bridge Specifications, as well as the current AASHTO LRFD Bridge Specifications.				
<b>(4/18 – Present)</b>	<b>Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400011225</b> - Lead Engineer of Retainer Contract. Responsible for coordination, project setup, QA/QC, and bridge rehab design for the \$4M retainer.			
<b>(5/20 – Present)</b>	<b>Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400017262</b> - Lead Engineer of Retainer Contract. Responsible for coordination, project setup, QA/QC, and bridge design for the \$5M retainer.			
<b>(03/19-06/22)</b>	<b>I-220/I-20 Interchange Imp &amp; BAFB Access Design Build Project – S.P. No. H.003370</b> – Responsible for QA of the bridge plans and load rating for the LA 1267 bridges over I-20 and the LA 1267 bridges over the KCS Railroad. The LA 1267 structures over I-20 consist of twin bridges utilizing LG-54 p.p.c. girder spans supported by concrete column bents and drilled shafts. The LA 1267 structures over KCS Railroad consist of twin bridges utilizing LG-54 p.p.c. girder approach spans supported by concrete pile bents and a main span over the KCS Railroad consisting of 170’-0”, LG-78 p.p.c. girders supported by concrete column bents and drilled shafts. Some unique challenges that the project has presented is designing applicable LA 1267 bridges over I-20 column bents for vehicular collision and completely spanning the KCS own right-of-way utilizing concrete p.p.c. girders.			
<b>(01/19-05/19)</b>	<b>I-10 Loyola Design-Build Project RFP Phase 30% Design - S.P. H.011670</b> – Lead bridge engineer throughout the RFP design phase for this complex urban interchange. Assisted in the preparation of steel tub girder design and details, concrete box girder design and plans, as well as plans and proposal documents for the RFP phase of the project. Created dozens of computer models in order to analyze and size the steel tub girders, taking into account system redundancy. Assisted in development of alternative technical concepts, suggested sequence of construction, and miscellaneous bridge and other details. Assisted in the coordination and organization of all project data with the various members of the design team from numerous consulting firms.			
<b>(06/14-05/19)</b>	<b>US 90 (I-49South), Albertson’s Parkway to Ambassador Caffery, Design-Build Project, Lafayette Parish, S.P. No. H.010620.</b> Performed QA/QC of the LRFD bridge design calculations, LRFR load rating, and plan preparation of a BT-72 girder bridge. The new US 90 bridge over Albertson Parkway and the US 90 BNSF RR overpass bridge were built within the same footprint as the existing bridge while maintaining 4-lanes of US 90 traffic during construction. This presented unique			





	design challenges and required a complex, three-phase, traffic control and construction sequencing plan to move traffic safely through the tight work zone. The bridges consisted of multi-continuous p.p.c. girders spans supported by concrete column bents and pile footings. The developed design concept saved millions of dollars and allowed the James Team to be 15% below the construction estimate of the nearest competitor.
<b>(7/17-8/20)</b>	<b>I-10: Highland Road to LA 73, Design Build Project, East Baton Rouge &amp; Ascension Parish, S.P. No. H.009250.</b> Led the design, plan preparation, and load rating for the repair of the prestressed girder bridge on LA 928. Performed QA/QC of the LRFD design calculations and load rating for the steel girder bridge at Highland road and the slab span widening at Bayou Manchac. The existing I-10 mainline bridge at the Highland Road interchange needed to be reconstructed under the project to provide longer spans in addition to more lanes. An innovative sequence of construction scheme and bridge design enabled construction of this bridge while maintaining 74,000 ADT traffic. Huval's cost-effective designs enabled its design-build team to be the only competitor to fit within the Owner's budget of \$72 million.
<b>(10/19-current)</b>	<b>New Swing Span- Herman Dupuis RD. Pontoon BR. Replacement, St. Martin, LA, Bridge Recall 200896–</b> Lead structural engineer for the bridge design and plan development of a new swing span bridge over alligator bayou which will replace the Butte LaRose Pontoon bridge. Project is currently under construction. Designed, detailed, and sealed final plans, specifications, calculations, load rating and cost estimates for all structural elements.
<b>(11/17-07/18)</b>	<b>Surrey St. Bridge Repairs, Lafayette Parish –</b> Lead Engineer for the repair of the Surrey St. Bridge in Lafayette. Project consisted of bearing repair and replacement, concrete riser construction, deck overlay, joint repairs, painting of steel girders with full enclosure, and miscellaneous work.
<b>(03/11-06/13)</b>	<b>I-49 Segment I Ratings, S.P. 701-65-9999 –</b> Performed as-designed LRFR calculations on two prestressed girder bridges. Utilized VIRTIS to model varying girder spans. Created rating reports for each span configuration. Developed bridge load rating summary sheets. Provided construction services on an as-needed basis.
<b>(01/12– 11/13)</b>	<b>I-49 North Segment J (MLK Blvd. to LA 1), S.P. H.003496.5–</b> Performed LRFD design calculations and led plan preparation on two prestressed girder and steel girder bridges. Performed approach slab design, girder design check using LEAP Conspan, cap and column design check using LEAP RC Pier, steel girder design check using MDX, deck and overhang reinforcing design check, strip seal joint opening calculations, quantity calculations and QA/QC, and elevation calculations Mr. Romero also provided load rating of the completed structure.
<b>(03/09-11/10)</b>	<b>I-49 North (LA 1 – LA 173), S.P. 701-65-1230 &amp; S.P. 701-65-1349–</b> Assisted in plan preparation and performed LRFD design calculations on a Type BT Prestressed Girder Bridge and a Type IV Prestressed Girder Bridge. Performed fixed and expansion bearing pad design, deck and overhang reinforcing design, quantity calculations and QA/QC, strip seal joint opening calculations, girder design check using LEAP Conspan, cap and column design check using LEAP RC Pier, and elevation checks.

Firm employed by		<b>Huval &amp; Associates, Inc.</b>	
Name	<b>Thomas Gattle III, P.E.</b>	Years of relevant experience with this employer	21
Title	Director of Engineering	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		08/91-12/97 Bachelor of Science Civil Engineering, Structural	
Active registration number / state / expiration date		30779 / LA / 09/30/2023	
Year registered	2003	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		<b>Roadway Design Lead</b>	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
<p>Mr. Gattle has over 20 years’ experience in the design and management of roadway and bridge projects. Mr. Gattle has been instrumental in the design, production and overall management of projects for the LADOTD. These projects include performing Lead Design and Project Management of numerous Bridge Rehabilitation Retainer Contracts, LADOTD Bridge Inspection projects, and LADOTD Roadway Design Project. In addition, Mr. Gattle was the Lead Designer for numerous road and bridge design projects for the Lafayette Consolidated Government Projects. Prior to joining HUVAL, Mr. Gattle was in responsible charge of the I-49 Connector EIS and I-10 Calcasieu River Bridge Environmental Assessment. He has experience and in roadway design, drainage design, feasibility studies, bridge design, and bridge inspection.</p>			
<b>(10/19-06/21)</b>	<p><b>Comite River Diversion Bridges at LA 67, LA 19 and LA 19 Railroad Bridge CMAR Project, East Baton Rouge Parish – 4400017421</b> –Project Manager and Design Lead for providing geometric layout, construction sequencing and cost estimation for the first CMAR project conducted by the DOTD. The project consisted of constructing 360’ roadway bridges for LA 67, LA 19 and the adjacent railroad track to LA 19 over the proposed layout of the Comite Diversion Canal. This \$39 million project required continued coordination with the DOTD, CMAR Contractor, ICE, USACE, Geaux-Geaux Railroad and EBR Parish and was completed on-time and in advance of the on-going diversion canal construction in the area.</p>		
<b>(11/18-05/19)</b>	<p><b>I-10 Loyola Design-Build Project RFP Phase 30% Design - S.P. H.011670</b> – Assisted the Design Manager in the coordination and organization of all project data with the various members of the design team from numerous consulting firms. Assisted in development of alternative technical concepts, suggested sequence of construction, and miscellaneous bridge and other details.</p>		
<b>(03/19-Present)</b>	<p><b>I-220/I-20 Interchange IMP &amp; Barksdale Access Design-Build Project, Bossier Parish, S.P. No. H.003370.</b> Currently the Design Manager and Lead Design for the Design-Build project. The Design-Build project consisted of modifying the existing I-220/I-20 Interchange to accommodate direct access to the Barksdale Airforce Base. Project includes new roadway design for new directional ramps and I-220 extension, bridges over I-20 and KCS Railroad, temporary traffic control, sequence of construction and drainage design. Mr. Gattle produced the geometric layout of the project and lead the design and coordination for the \$72M Design-Build project. The design phase of the project is 98% complete with the overall project scheduled to be completed on time.</p>		
<b>(3/18-12/18)</b>	<p><b>GNOEC Safety Bay Improvement CMAR (Independent Cost Estimator)</b> Assisted the Independent Cost Estimator (ICE) for the for the \$55 million Safety Bay Improvement CMAR Project. Under this contract, Mr. Gattle assisted in the efforts of producing a detailed independent cost estimate for the contract items and review the CMAR Contractor’s schedule and cost model throughout each phase of design under the CMAR pre-construction phase.</p>		



	Additionally, constructability reviews and design comments were performed collaboratively with the CMAR design engineer, contractor, and Program Manager.
<b>(1/18-Present)</b>	<b>I-10 Widening LA 415 to Essen Lane on I-10 and I-12, WBR and EBR Parishes, S.P. No. H.004100.</b> Currently the Design Lead for the anticipated \$1.2 billion project to widen I-10 from the LA 415 interchange to the I-10/I-12 Interchange. This project consists of all aspects of infrastructure including complex bridge design and roadway design. Prior to the award for engineering services for the project, Mr. Gattle led the Constructability Analysis during the NEPA phase of the project. This included development of construction sequencing while maintaining traffic thru the corridor along with providing construction cost estimates and project timeframes. Mr. Gattle presently leads the bridge and roadway engineering efforts for the current phase of the project that includes the replacement of road and bridges from the I-10/I-110 interchange past the I-10/Acadian Thruway. This includes coordination with the DOTD, CMAR Contractor and ICE to develop the best construction value for the complex project thru Baton Rouge.
<b>(09/12 – 12/17)</b>	<b>Retainer Contract for Bridge Repair and Rehabilitation Services - Statewide, Contract No. 4400002537-</b> Project Manager of Retainer Contract. Responsible for coordination, project setup, QA/QC, meetings and contracts for the \$6M retainer contract.
<b>(06/14– 04/19)</b>	<b>I-49 South-US 90 Albertson Pkwy to Ambassador Design Build - S.P. H.010620 -</b> HUVAL Project Manager. Lead Designer on roadway geometric layout and assisted with bridge design and construction services for this Design Build.
<b>(06/16-Present)</b>	<b>I-49 South-Verot School Road Interchange, S.P. H.011235 -</b> HUVAL Project Manager and Prime Consultant Team Leader of roadway geometric design including traffic analysis while assisting with bridge design and construction services.
<b>(04/11 – 05/16)</b>	<b>West Bank Expressway MacArthur Drive Interchange, S.P. H.002550.5 &amp; H.009933.5 -</b> As Project Manager and Lead Engineer, Mr. Gattle was responsible for Geometric/Span Layout Modifications and Structure Design. Mr. Gattle coordinated the survey efforts and the responsibilities of multiple Sub-consultants for the \$34M reconstruction project to provide additional ramps from the US 90B elevated roadway to the adjacent parallel frontage roads under tight timeframes.
<b>(08/09 – 06/15)</b>	<b>Retainer Contract for Bridge Repair and Rehabilitation Services - Statewide, S.P. 700-99-0488 -</b> Project Manager of Retainer Contract. Responsible for coordination, supervising inspection team, project setup and QA/QC of Task Orders totaling approximately \$8.75M over a 5-year period. Contract utilized multiple Subconsultants on all aspects of bridge design and inspection.
<b>(06/07 – 11/11)</b>	<b>Retainer Contract for Bridge Preservation (On-System) – Statewide, S.P. 700-99-0431 -</b> Project Manager of Retainer Contract. Responsible for coordination, project setup, design and QA/QC of Task Orders.

## 17. Firm Experience:

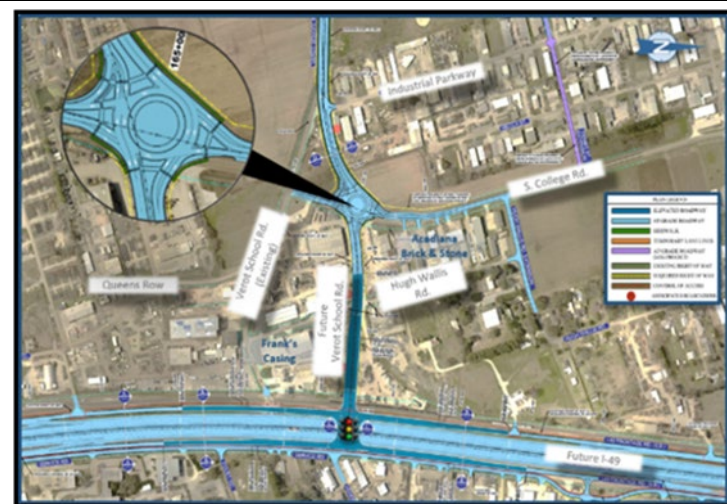
Firm name	C.H. Fenstermaker & Associates L.L.C.		Past Performance Evaluation Discipline(s)*	Road
Project name	Verot School Road Interchange at U.S. Hwy 90			Firm responsibility (prime or sub?) Sub
Project number	SPN: H.011235.5 FAP No: H011235.5	Owner's name	Louisiana Department of Transportation and Development	
Project location	Lafayette Parish, LA		Owner's Project Manager	Corey Landry, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, (225) 379-1889, corey.landry@la.gov			
Services commenced by this firm (mm/yy)	05/2018	Total consultant contract cost (\$1,000's)		\$663.95
Services completed by this firm (mm/yy)	06/2022	Cost of consultant services provided by this firm (\$1,000's)		\$658.19

I-49 South at Verot School Rd. (LA 339) is part of the upgrade of US 90 through Lafayette Parish to a fully controlled access facility meeting. This roadway meets highway design standards as a section of the Future I-49 corridor. A sub-consultant to Huval & Associates, Fenstermaker performed engineering design services for improvements to the existing intersection of U.S. Hwy 90 (US 90) (Future I-49 South) and Verot School Road. These improvements included:

- A new access-controlled interchange consisting of a re-alignment for the Verot School Road approach to Future I-49 South.
- A bridge structure over the existing BNSF railroad and mainline of Future I-49 just north of the existing Verot School Road alignment.

Fenstermaker was responsible for preparing and hosting the public meeting to update the project's 2005 NEPA Environmental Impact Statement (EIS), designing all roadway and drainage, and coordinating all utility relocations within the corridor.

**Key Personnel:** Dax Douet, P.E. | Aimee Latiolais, P.E. | Raymond Reaux, P.E. | Carson Washington, P.E. | Nick Castille, E.I.



**CHALLENGE:** Minimizing impacts to existing Frank's Casings infrastructure. Frank's Casings is an international business located in Lafayette Parish.

**SOLUTION:** Fenstermaker performed a laser scan, prepared a 3-dimensional plot of the existing infrastructure, and modeled various roadway corridors to optimize minimal impacts. Fenstermaker then met with executives of the business, shared the finding, and came to an agreement. The outcome consisted of implemented solutions that assured agreement with the landowner and minimized right-of-way acquisition costs.

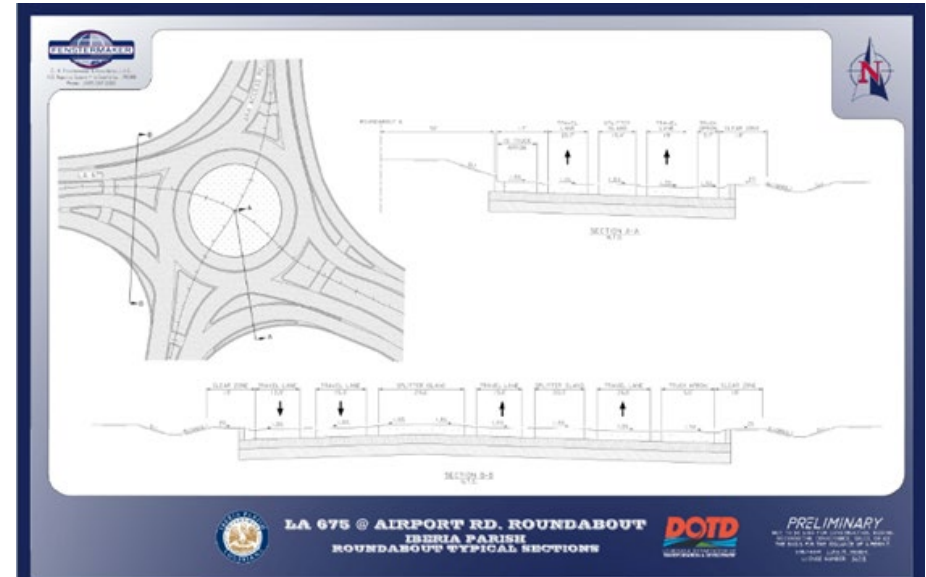
Firm name	C.H. Fenstermaker & Associates L.L.C.		Past Performance Evaluation Discipline(s)*	Road	
Project name	LA 675 Roundabout at ARA Access Roadway			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Iberia Parish Government		
Project location	Iberia Parish, LA		Owner's Project Manager	Larry Richard	
Owner's address, phone, email	300 S Iberia Street, New Iberia, LA 70560, (337) 365-8246, mlarryrichard@iberiagov.net				
Services commenced by this firm (mm/yy)	03/2017	Total consultant contract cost (\$1,000's)			\$201.00
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$201.00

Fenstermaker prepared construction plans and acquisition documents for the LA 675 Roundabout at Acadiana Airport Access Roadway in Iberia Parish. This roadway project will begin north of the intersection of LA 675 (Jefferson Island Road) and Acadiana Regional Access Road (ARA Access Road). The ARA Access Road will be extended to the south to connect to LA 675. The roundabout will be constructed at this connection and will consist of a single circulatory lane and single-entry lanes with dedicated right-turn lanes. Reconstruction of the US Frontage Road will also be completed.

**Key Personnel:** Luke Hebert, P.E., CFM | Jessica Pousson, P.E. | Bradford Millett, PLS, EI | Dustin Guidry, EI



LA 675 Vicinity Map



LA 675 Roundabout Typical Sections

**Challenge:** Designing a roundabout without significantly impacting the nearby utilities and adjacent properties has been the largest challenge for this project. In addition to the typically anticipated utilities such as pipelines, communication lines, and electrical distribution lines, an electrical transmission tower is in the northwest corner of the roundabout's project limits. To relocate the tower and associated facilities, Entergy provided a cost estimate of approximately \$1.25 million.

**Solution:** Fenstermaker coordinated several meetings with Entergy, LA DOTD, and Iberia Parish Government to discuss the minimum design criteria required by all entities to reduce the impact to the transmission tower. By developing a unique grading plan and innovative drainage design, Fenstermaker was able to provide a design that satisfied all parties allowing the transmission tower to remain and mitigating the relocation expense for the Parish and State.

Firm name	C.H. Fenstermaker & Associates L.L.C.		Past Performance Evaluation Discipline(s)*	Road
Project name	LA 182/Renaud Roundabout		Firm responsibility (prime or sub?)	Prime
Project number	Contract No. 4400020291 S. P. No. H.012869 F.A.P. No. H012869	Owner's name	Louisiana Department of Transportation and Development	
Project location	Lafayette Parish, LA		Owner's Project Manager	Ryan Richard, P.E.
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802, (225) 379-1389, ryan.richard@la.gov			
Services commenced by this firm (mm/yy)	02/2022	Total consultant contract cost (\$1,000's)		\$385.71
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$385.71

The intersection of LA 182 (University Avenue) and LA 723 (Renaud Drive) is an existing two-way stop-controlled intersection in the City of Lafayette. University Avenue is a three-lane, asphalt roadway and is classified as a principal urban arterial south of Renaud Drive, whereas north of this intersection it is a minor urban arterial. Renaud Drive is classified as a major urban collector and is a currently a two-lane asphalt roadway. Renaud Drive provides access to various residential homes and commercial properties, namely Dollar General and a multi-business shopping center within 1,000' of its intersection with University Avenue. Stone Avenue provides access to almost 80 residential homes as well as a church and Lafayette Christian Academy, a K-12 school. Due to the proximity of these intersections and the average daily traffic (3,338 vehicles per day for Renaud Dr. and 865 vehicles per day for Stone Avenue according to counts performed by Lafayette Consolidated Government in 2014), congestion has become pronounced. Therefore, the goal of this project is to design a roundabout which realigns Renaud Drive and Stone Avenue to intersect with University Avenue. This project will include roadway design, hydraulic analysis and design, and utility design.

**Key Personnel:** Aimee Latiolais, P.E. | Dax Douet, P.E. | Nick Castille, EI



Proposed roundabout design for LA 182 @ LA 723

**CHALLENGE:** Designing a roundabout that realigns two roadways to create one four-leg roundabout, reduces impacts to adjacent lands, and adheres to design guidelines required by each road owner (i.e., DOTD and the local city-parish government).

**SOLUTION:** Fenstermaker utilized a pre-design meeting and consistent communication with both DOTD and Lafayette Consolidated Government to ensure all parties were involved and given the opportunity to provide feedback throughout each step of the design process. Fenstermaker took care in the design process to consider limiting property acquisition, utility relocation needs, and disruption to ingress/egress to a nearby school, along with other commercial properties. Also considered, was how design decisions may impact the plans for continued expansion on LA 182 (University Avenue) north of the proposed project.

Firm name	C.H. Fenstermaker & Associates L.L.C.		Past Performance Evaluation Discipline(s)*	Survey, Right-of-Way, Planning, Road, CE&I
Project name	Kaliste Saloom Road Widening, Intersection Improvements, Bridge & CE&I (LA 3073 to LA 733)		Firm responsibility (prime or sub?)	Prime
Project number	LADOTD Permit No. 03030387	Owner's name	Lafayette Consolidated Government	
Project location	Lafayette Parish, LA		Owner's Project Manager	Mark LaVergne, P.E.
Owner's address, phone, email	1515 E University Ave., Lafayette, LA 70501, (337) 291-5642, mlavergne@lafayettela.gov			
Services commenced by this firm (mm/yy)	12/2008	Total consultant contract cost (\$1,000's)		\$4,600.00
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$4,600.00

The Kaliste Saloom Road Widening Project is a \$34 million construction project designed to be a walkable urban thoroughfare with shared bicycle lanes and 8-ft wide sidewalks in accordance with Complete Streets and Context Sensitive Solutions guidelines. Fenstermaker is responsible for the surveying, right-of-way platting, engineering design, construction plan development, and CE&I to widen Kaliste Saloom Road, an over-capacity major arterial roadway, from a 2-lane asphalt roadway to a 5-lane road with a continuous center turn-lane concrete roadway for approximately 1.7 miles. Fenstermaker both recommended and developed a line and grade study to the client to analyze optimal alignment and widening options based upon minimizing impacts and costs. In addition, Fenstermaker was responsible for the design of all water and sewer utility relocations as well as drainage outfalls presented as stand-alone construction plans and construction efforts.



Roundabout designed for Kaliste Saloom Road Widening-model



Roundabout under construction

**Key Personnel:** Dax Douet, P.E. | Aimee Latiolais, P.E. | Luke Hebert, P.E., CFM | Anna Doucet, P.E. | Raymond Reaux, P.E. | Dustin Guidry EI | Bradford Millet, PLS, EI | James Siffert

**Challenge:** The 1.7-mile roadway is in a densely populated and developed corridor with a multitude of utilities, both privately and city owned, that provide connectivity to a large portion of southern Lafayette Parish and would be greatly impacted by the roadway widening project.

**Solution:** Fenstermaker suggested and, subsequently, performed a line and grade study which compared alternatives (widening symmetrically, asymmetrically, and spot location improvements) and ultimately resulted in an asymmetrical alignment. Fenstermaker also coordinated with the utility companies to relocate necessary utilities and to remedy conflicts via custom conflict boxes and utility offsets designed by the project team.

Firm name	C.H. Fenstermaker & Associates L.L.C.	Past Performance Evaluation Discipline(s)*	Road
Project name	US (I-49 South) Design Build – Albertson Parkway to Ambassador Caffery	Firm responsibility (prime or sub?)	Sub
Project number	H.010620	Owner's name	Louisiana Department of Transportation and Development
Project location	Lafayette Parish, LA	Owner's Project Manager	Peggy Jo Paine, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, (337) 475-4287, peggy.paine@la.gov		
Services commenced by this firm (mm/yy)	11/2012	Total consultant contract cost (\$1,000's)	\$4,939.00
Services completed by this firm (mm/yy)	10/2019	Cost of consultant services provided by this firm (\$1,000's)	\$3,082.00

US 90 (I-49 SOUTH) was a \$69.4 million award-winning construction project to widen U.S. Highway 90 from four lanes to a six-lane, control-of-access facility designed to interstate standards. Fenstermaker was the lead design firm through a joint venture with James Construction Group (Primoris) for this high-profile design-build project. The design included geometric improvements to several miles of frontage roads; construction of a grade separated, six-lane overpass structure over the existing BNSF railroad facility; a grade separated, six-lane overpass interchange over Albertson Parkway; associated mainline entry/exit ramps to connect overpass structures and frontage roads; new signalized intersections; intersection design; Mechanically Stabilized Earth Retaining Walls (MSEW); and drainage structures.

**Key Personnel:** Dax Douet, P.E.| Aimee Latiolais, P.E.| Bradford Millett, PLS, EI| Raymond Reaux, P.E.| Luke Hebert, P.E., CFM| James Siffert | Dustin Guidry, EI



**Challenge:** This project was a design-build delivery with a pre-established lump sum construction cost. The existing US 90 corridor right-of-way was not large enough to accommodate all required improvements. Due to the lump-sum construction costs restraint, avoiding the acquisition of additional right-of-way to accommodate all improvements was the biggest challenge for the design team.

**Solution:** The design team was creative in providing geometric roadway layouts requiring less space within the right-of-way. These layouts met all existing codes. The designed retaining wall structures (i.e., MSE walls) minimized the footprint of improvements. These solutions resulted in no additional right-of-way acquisition.

Firm name	ARCADIS		Past Performance Evaluation Discipline(s)*	Traffic
Project name	Traffic Analysis & Feasibility Study: Evangeline Thwy, Johnston St, & Louisiana Ave		Firm responsibility (prime or sub?)	Prime
Project number	H.011408.1; 4400003593	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	Lafayette Parish, LA (DOTD District 03)		Owner's Project Manager	Ryan Hoyt
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225.379.1370, ryan.hoyt@la.gov			
Services commenced by this firm (mm/yy)	02/15	Total consultant contract cost (\$1,000's)		\$280
Services completed by this firm (mm/yy)	08/17	Cost of consultant services provided by this firm (\$1,000's)		N/A

**Firm's Role:** Traffic data collection, corridor analysis, traffic and safety study, access management, alternative conceptual layouts and cost estimates, VISSIM traffic microsimulation.

**Firm Members Involved:** Akhil Chauhan, Ari Deitch, Sridhar Basetty, Thomas Montz, Craig Raymond

The Evangeline Thruway (US 167/90) and Johnston Street (US 167) intersection is a major regional and local route that connects to the I-20/I-49 interchange and continues past I-10 as I-49 to the north. The study corridor is projected to experience significant growth in demand. Arcadis is responsible for developing effective corridor improvements such that mobility for future conditions is enhanced while maintaining safe operations. Our team developed multiple build alternatives that address corridor needs and considered various constraints, such as the following key elements:

- **Development of innovative treatments:** The biggest challenge to designing future year improvements is the *presence of closely spaced intersection in a built-up area that minimizes available right-of-way* for roadway expansion activities in addition to a restrictive one-way couplet. To counter these constraints, several innovative improvements including *median U-turn, continuous flow intersection, roundabouts, R-CUT, and movement restriction/relocation were proposed* as a part of the build alternative.
- **Advanced modeling:** The study area experienced noticeable *operational issues, especially during the PM peak when the corridor experiences significant queues* further complicated by high density of access. We conducted detailed micro-simulation analysis using *VISSIM* to capture these issues and *performed extensive field visit and customized data collection to ensure that the analysis tools captured and reflected true field-observed conditions*.
- **Coordination and context sensitivity:** A grade-separated high mobility corridor which would significantly change travel demand (and runs parallel to Evangeline Thruway) was proposed and studied on the study corridor. The build alternatives have to be designed to accommodate the footprint of the other projects that are being planned in the area. *Arcadis worked in close coordination with LADOTD personnel to ensure that the final preferred alternative dovetails with local plans for other projects*. Proactive and extensive coordination along with milestone meetings ensured that all stakeholders were included in the decision process and that the study was sensitive to local needs. This approach promoted quicker feedback and helped expedite review/decision processes.

Other critical tasks include data collection, warrant analysis, safety analysis and documentation. Arcadis collected traffic data along the corridor to begin the traffic investigation. Arcadis *performed safety analysis for the study area using the most recent three-year crash data* from the LADOTD crash database to identify historical high-crash locations and over-representative crashes. *The crash data analysis included review of individual crash records to determine crash types, frequencies and crash rates*. The main purpose of this effort was to determine potential improvements at these locations.

#### PROJECT RELEVANCE:

- **Key Challenges:** Constrained study area due to built-up properties, one-way streets, and closely spaced intersections.
- **Innovation & Best Practice:** Extensive stakeholder coordination to ensure that build alternative dovetails with regional plans.
- **Accomplishments:** Significant capacity improvements in a ROW-starved setting. Proposed innovative intersection treatments including CFI and restricted intersections.



Firm name	ARCADIS		Past Performance Evaluation Discipline(s)*	Traffic
Project name	I-20 Transportation Management Plan (TMP)		Firm responsibility (prime or sub?)	Prime
Project number	H.012889	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	Caddo and Bossier Parishes, LA		Owner's Project Manager	Hadi Shirazi
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225 379 1929, hadi.shirazi@la.gov			
Services commenced by this firm (mm/yy)	01/18	Total consultant contract cost (\$1,000's)		\$526
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$526

**Firm's Role:** Arcadis was contracted by LADOTD to develop a **Transportation Management Plan (TMP)** for a pavement rehabilitation project along I-20 in Bossier City, LA. Arcadis was also responsible for developing a calibrated mesoscopic model to evaluate and develop mitigation measures for regional travel pattern impacts. **Firm Members Involved:** Akhil Chauhan, Thomas Montz, Ari Deitch

The project construction area on I-20 extends from Westerfield Street to Airline Drive and includes pavement rehabilitation on roadway segments and several elevated bridge sections along I-20. Because the project requires long-term lane closures that will have impacts to traffic patterns on a local and regional level, Arcadis developed and calibrated a mesoscopic model using dynamic traffic assignment (DTA) to evaluate construction impacts, identify potential mitigation measures, and evaluate their effectiveness using the model. The DTA model was used to determine the scale of the impacts during construction including, but not limited to, the amount of queueing anticipated along I-20 during specific construction phases and the

alternative routes that travelers throughout the region can utilize to avoid delays along I-20.

**Mesoscopic Model Development** - The project team coded the mesoscopic model using the Northwest Louisiana Council of Governments (NLCOG) Travel Demand Model as its starting point. The scope and scale of the project were evaluated to determine which areas would need to be included in the DTA model. While the pavement rehabilitation project limits along I-20 are approximately 2 miles in length, the potential impact area expands beyond the immediate area of construction to any potential alternate route to I-20. Using the model, the project team was responsible for analysis of work-zone impacts and construction sequencing scenarios, including necessary ramp closures.

**Transportation Management Plan** – Using the results of the mesoscopic model, Arcadis developed a **Level 4 TMP** to outline information and work-zone strategies needed to minimize motorists delays during construction without compromising safety or quality of work. The TMP included information on alternative routes, public information and outreach strategies, TMP roles and responsibilities, allowable lane closure times, temporary traffic control, and work zone impact management strategies. Arcadis worked closely with FHWA, LADOTD, District 04, and Bossier City to ensure that proposed strategies were feasible and context sensitive.

### Relevant Services

- Transportation Management Plan
- Work Zone Management Strategies
- Lane Closure Analysis
- Alternative Route Identification / Analysis
- Data Collection
- Mesoscopic Model Development
- Stakeholder / Agency Coordination
- Work Zone Safety Analysis

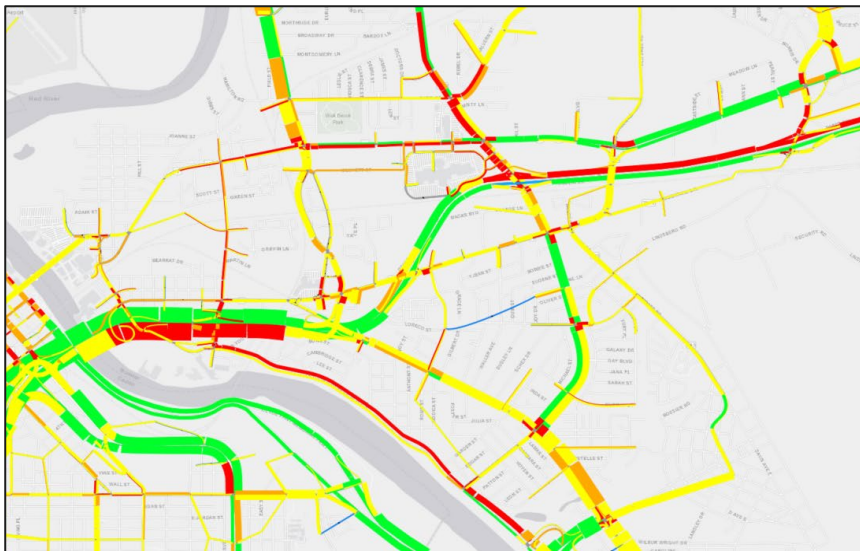


Figure: Mesoscopic model results for long-term lane closure scenario. Results were used to determine alternative routes and mitigation strategies during construction.

Firm name	A P S ENGINEERING AND TESTING, LLC		Past Performance Evaluation Discipline(s)*	**GEOTECH	
Project name	US-90 RAILROAD OVERPASS (S. EAST OF LA-85)			Firm responsibility (prime or sub?)	SUB
Project number	H.010155	Owner's name	SHREAD-KUYRKENDALL & ASSOCIATES, INC		
Project location	IBERIA PARISH		Owner's Project Manager	NICCI D. GILL	
Owner's address, phone, email	13016 JUSTICE AVE. BATON ROUGE, LA 70816 (225) 296-1335 (225) 296-1338 (FAX) <a href="mailto:NGILL@SKAENGR.COM">NGILL@SKAENGR.COM</a>				
Services commenced by this firm (mm/yy)	11/19	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)	03/20	Cost of consultant services provided by this firm (\$1,000's)			\$105K

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

GEOTECHNICAL INVESTIGATION TO PROVIDE CLIENT WITH THE NECESSARY INFORMATION FOR PLANNING AND DESIGN OF A 12 FT. X 10 FT. RCB, 412 FT. IN LENGTH. A TOTAL OF SIX (6) DEEP BORINGS WERE COMPLETED BY A P S. OVER 60 ATTERBERGS AND UUs WERE TESTED BY A P S WITH 18 CONSOLIDATION TESTS. ALL THE NECESSARY TESTING WAS PERFORMED IN HOUSE BY A P S LABORATORY.

MEMBERS INVOLVED:

#### ENGINEERING

**SERGIO AVILES, P.E.- PROJECT MANAGER**

**SAI EDDANAPUDI, M.E., P.E.-PROJECT ENGINEER**

**SURENDRA RAJ PATHAK, M.S., P.E.-STAFF ENGINEER**

#### LABORATORY TESTING

SERGIO AVILES, P.E.-QA/ QC

SAI EDDANAPUDI, M.E., P.E.- QA/ QC

DONNA EASTERLY- LAB MANAGER

CINDY FALKS-LAB TECH

#### DRILLING

MELVIN VASQUEZ -DRILLER

TECHVAN GEORGE-DRILLER

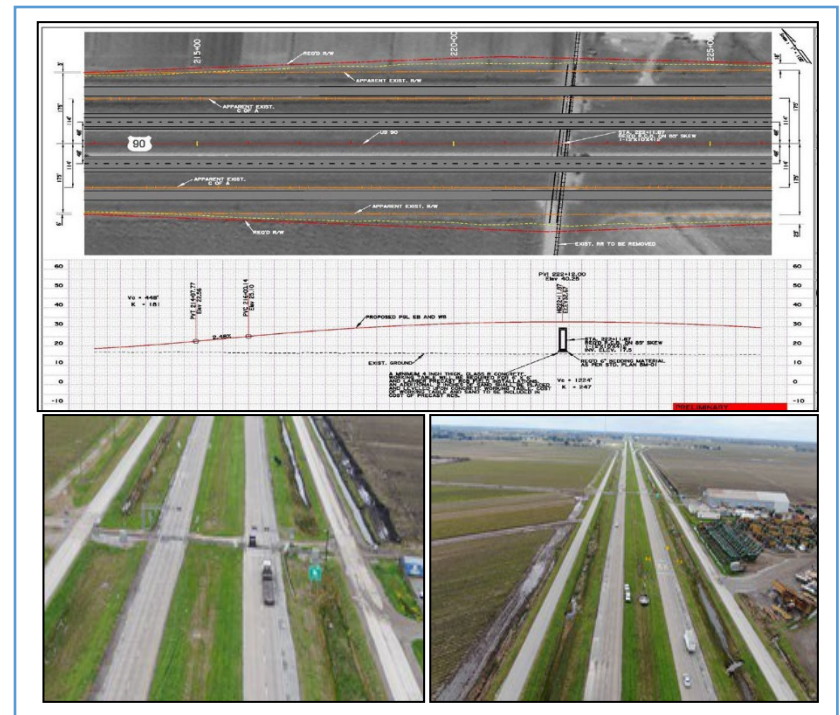
ERIC BATEASTE-DRILLER

OSCAR JOHNSON-DRILLER TECH

TRENTON ANDERSON-DRILLER TECH

#### SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

<b>X</b>	Geotechnical Explorations (GE)
<b>X</b>	Geotechnical Design (GD)
<b>X</b>	Geotechnical Construction (GC)
<b>X</b>	Constructability
<b>X</b>	Contract Management (CM)



Firm name	Civil Design & Construction, Inc.		Past Performance Evaluation Discipline(s)*		Survey	
Project name	Verot School Road			Firm responsibility (prime or sub?)		Sub
Project number	H.011235	Owner's name	LADOTD			
Project location	Lafayette, LA			Owner's Project Manager	Thomas Gattle (Huval & Assoc.	
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)		On-going	Cost of consultant services provided by this firm (\$1,000's)			\$1,078

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

\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

**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.

**CD&C'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.** Coordination with Cardno, Inc. (Team member) was necessary for the location of all utilities in the project area. 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 an existing right of way linework for the prime consultant to use for exhibits for the project and is currently tasked to complete Final ROW Maps.** In order to complete the survey CD&C also had to coordinate with BNSF railroad for access to BNSF's rail.

**Members Involved:** Karla Weston, PE; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; Trent Norris, 3D Scan Tech; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief; Jason Stoehr, Party Chief, Alex Wells, Party Chief

**Performed in LA: 100%**



Firm name	Huval & Associates, Inc.			Past Performance Evaluation Discipline(s)*	Bridge	
Project name	I-10 / I-49 Emergency Bridge Overpass Repair				Firm responsibility (prime or sub?)	Prime
Project number	H.015412	Owner's name	LADOTD			
Project location	Lafayette, Louisiana			Owner's Project Manager	Chris Guidry, P.E.	
Owner's address, phone, email	1201 Capitol Access Rd. Baton Rouge, LA 70804-9245; (225)379-1438, chris.guidry@la.gov.com					
Services commenced by this firm (mm/yy)	01/23	Total consultant contract cost (\$1,000's)			\$4,000	
Services completed by this firm (mm/yy)	04/23	Cost of consultant services provided by this firm (\$1,000's)			\$65	

Huval and Associates were called upon by the LADOTD to act as the main design engineers for the emergency repair of the I-10 eastbound overpass in Lafayette, Louisiana. The I-10 eastbound overpass was impacted when the 15'6" vertical clearance was not enough to accommodate the overheight load. The damaged structure needed to be assessed and repaired quickly to restore the interstate to full capacity. Huval and Associates were chosen as the consulting engineers to perform the detailed inspection of the overpass, and they determined that two of the structure's eight prestressed concrete beams had sustained severe damage and would require replacement. The project team focused on a two-part approach, using self-propelled modular transporters (Berard) to remove the damaged overpass section and install a replacement. CEC (Complete Engineering and Construction, Inc.) began preparations to create the three-girder replacement section, the design of which replicated the original span's skew and camber. The new prestressed replacement girders used low-relaxation tensioning strands, which were a departure from the stress-relief strands found in the 1960s-era components. The installation of the replacement section began on March 17, and the I-10 eastbound overpass was fully reopened on March 31, 2023.



**Key Project Members:**

**David S. Huval, Sr.,** Principal

**Matthew Hebert PE** –Engineer of Record

**Colby Guidry, PE** – Technical Support

**Katherine Werther, PE** – Bridge Ratings & Design



Huval & Associates, Inc. performed **100%** of the work for this project in Louisiana.

## 18. Approach and Methodology:

### UNDERSTANDING

The Fenstermaker Team understands that this IDIQ Contract for Design Services is very important to the District 03 office. Fenstermaker has a **long history** of over 26 years working with the District 03 office and has **long standing relationships** with key personnel. Historically, Fenstermaker staff have worked alongside key personnel including Eric Dauphine, P.E. (District 03 Administrator) who grew up in Fenstermaker's back yard in the small city of St. Martinville, Louisiana. Other District 03 personnel such as Mike DeSelle, P.E. (ADA), Mark Arceneaux, P.E. (Area Engineer), David Landry, P.E. (Construction Coordinator), Brent Domingue, P.E. (District Design Section), Nick Fruge, P.E. (Traffic Engineer), Jeff Faust, P.E. (Area Engineer), Chris Lissard, P.E. (Asst. District Administrator, Operations), Todd Kidder (Utilities), and Randy Richard (Permits) have all worked with multiple staff members of the Fenstermaker Team. Our Team believes that the **key to a successful working partnership** is one that is built on great and long-standing proven **local** relationships, and we believe the Fenstermaker Team has just that. Our Team is confident that if you ask any of these individuals, they will all agree that our relationships have been strong, technical, friendly, and professional.



The Fenstermaker Team understands that the DOTD and District desire to bring on a consultant to help with design of their projects to keep up with the project backlog and the desire of the people of Louisiana to see action. Our Team will be responsive to those needs, looking for innovations with all Task Orders (TOs) presented to us. Our team is committed to partnering with project stakeholders to create a robust approach and cost-efficient response to each TO request. In discussing project backlog with key staff in the District prior to the advertisement of this RFQ, we have a good understanding of the project types that could be included in this IDIQ. Example projects that could possibly be administered via this IDIQ include roadway widening, pavement preservation, traffic analysis, upgrading of existing drainage systems, intersection improvements, possible roundabouts, title take-off, topographic and right of way mapping, on-system bridge improvements, environmental permitting (i.e. Section 404, T&D, cultural resources, etc.), construction administration (i.e. RFI review, shop drawings, etc.), and project cost estimating. The Fenstermaker Team excels in these types of projects with a history of similar projects performed for not only DOTD, but also local municipalities and parishes within the District 03 geographical coverage. See Section 17, Project Descriptions, for projects such as Verot School Road (road widening, roundabout design, interchange), Churchpoint at Roddy Road Intersection Improvements (roundabout design), East Baton Rouge Signal Upgrades and Design (intersection/signal improvements), LA 336-1 Bayou Teche Bridge (bridge design improvements), Acadiana Regional Airport Access Roadway/LA 675 Intersection Improvements (road/roundabout design), and multiple overlay projects across Lafayette Parish that we believe demonstrate our teams' direct experience to make us a perfect fit for this contract and geographical area of the state.

The goal of our Team is to partner with DOTD headquarters and District 03 as a qualified full-service engineering and surveying Team to provide general design engineering services across the district. While services required will vary by project, it is anticipated that commonly required services will include:

- » Topographic and Right of Way Mapping Surveys
- » Traffic Control Designs, Traffic Signal Analysis and Designs
- » Roadway Design
- » Hydraulic Analysis and Design
- » Environmental Permitting
- » Bridge Design
- » Traffic Management Plans
- » Quality Plan Reviews
- » Construction Administration Support

**APPROACH:** For each TO, the goal of the Fenstermaker Team is clear: coordinate with project stakeholders, deliver quality projects, maintain great working relationships with DOTD staff, and understand contracting mechanisms to define TO needs. The Team wants to absorb the TO scope, develop an approach to reach the end goal efficiently with buy-in from the department, reduce risk with good quality control reviews of deliverables, and push for the timely deliverance of products. Given our Team's experience with IDIQ contracts on Stage 0 roadway studies, bridge retainer contracts, and traffic engineering, our Team understands continuity of the project team, adequately staffing the project, depth of project managers, accurate work hour estimates, effective coordination, and communication among the project team, controlling the project costs, and meeting project schedules are the keys to the success of any individual project. Our Team's approach and process to delivering a successful IDIQ contract and completion of TOs is summarized in the following steps:

#### **Step 1: Gain a Clear Understanding of DOTD's Needs and Goals**

Communication during the scoping phase of a TO is the first essential step. The goal is to provide an accurate schedule and concept level construction cost that can assist DOTD in providing the most projects to the public with a given amount of funds.

<b>Step 2: Execute the Task Order Promptly</b>	TO's may be limited in duration or time-critical, as with funding obligation deadlines. Our team will work so that time is not lost to upfront administration.
<b>Step 3: Engage Qualified Team Resources</b>	Fenstermaker is a full service, multi-disciplinary consultant, but if necessary, we engage our diverse sub-consultants, including DBEs, to get the right resources on the job.
<b>Step 4: Identify and Connect with Stakeholders</b>	The Fenstermaker Team's long-standing relationships with personnel in both District 03 and headquarters as well as external permitting agencies, municipalities, landowners, and utilities will set the course for effective coordination throughout the life of the project.
<b>Step 5: Promote Good Communication</b>	Routine project team, DOTD, and stakeholder meetings will be established to provide a platform for clear communication, reducing the likelihood of misunderstandings that may have cost or schedule implications.
<b>Step 6: Manage the Schedule</b>	Focus on critical activities that could impact schedule such as potential long lead items, ROW acquisition, intergovernmental agreements, utility investigation and relocations, or environmental documentation.
<b>Step 7: Maintain Quality</b>	Throughout the life of every TO, the Team will maintain the highest standards of quality, from pre-design activities through final project close out.
<b>Step 8: Meet Schedules</b>	Time is money. Our goal will always be to complete each TO on or ahead of the given due date.
<b>Step 9: Contract Management</b>	<b>Dax Douet, P.E.</b> will serve as the Team's contract manager along with <b>Aimee Latiolais, P.E.</b> as the Deputy Contract Manager. These individuals, along with <b>Raymond Reaux, P.E.</b> (Principal) have the necessary experience to work with the DOTD Project Manager to determine the scope, disciplines, and schedule for each TO. Task Order project managers will be assigned based upon the nature of the project scope to best place experience with scope.

**METHODOLOGY:** The Fenstermaker Team has a strong understanding of DOTD's Plan Delivery Process.

**SCOPING.** Prior to the start of a TO, our Contract Manager, **Dax Douet, P.E.**, or our Deputy Contract Manager, **Aimee Latiolais, P.E.**, will coordinate with the DOTD PM to understand the project completely so that we can develop our Project Management Plan (PMP). Our PMP would include such items as:

- a detailed scope of the project,
- a conceptual schedule including the number of anticipated milestone submittals, plan review meetings, and project coordination meetings,
- project design criteria,
- anticipated project delivery milestones,
- quality control plan,
- identified risk,
- identification of any special coordination or utility needs (i.e., railroad crossing, duct banks, transmission lines, etc.), and
- communications plan

This plan allows the Team to gather all the project information efficiently to review and coordinate with the DOTD PM at the kickoff meeting and will help the design process run more smoothly. This PMP is maintained through the life of the project so that as more information is developed and critical risks or concerns become apparent, they can be documented.

**KICKOFF MEETING.** After the issuance of a TO, the Fenstermaker Team will coordinate a kickoff meeting with the DOTD PM and any applicable DOTD technical staff. This kickoff meeting will be used to discuss the primary goals of the project as well as review the PMP previously created. This will be an opportunity for the design team and DOTD staff to clarify questions or concerns from either party so that we can prepare for a smooth design process. This kickoff meeting will also be used as an opportunity to collect existing information pertinent to the project, such as, but not limited to:

- As-built Plans
- Feasibility Studies/Traffic Studies
- Environmental Documents
- Existing Utility Information

The Fenstermaker Team will be led by Project Manager, **Dax Douet, P.E.** Mr. Douet has 26 years of engineering and project management experience. During this time, he has consulted with LADOTD on numerous successful roadway projects, such as a recently completed \$69.4 million design-build roadway project in Broussard, Louisiana. He is prepared to manage this IDIQ contract keeping it on time and in budget.

The Fenstermaker Team's Deputy Contract Manager is **Aimee Latiolais, P.E.** Mrs. Latiolais has 9 years of engineering experience, including completing various Stage 0 conceptual roundabout designs and producing LADOTD roadway and drainage plans.

Aimee and Dax are both employees at Fenstermaker's Headquarters located approximately 1.5 miles away from the DOTD District 03 office.

After the minutes from this meeting have been distributed, the assigned TO project manager will coordinate with the DOTD PM to make a field visit to the site, and coordinate/meet with the district to discuss their priorities and get any additional information from them once we have our boots on the ground.

**DATA COLLECTION/FIELD VISITS.** During the Data collection phase, our team would begin the process of developing the necessary information on which we will base the design. Our team member Civil Design & Construction (CD&C) will be responsible for the completion of any survey needed for these projects. CD&C has extensive experience performing DOTD surveys and has completed numerous surveys for various DOTD projects throughout the state. During this data collection phase, the team will make our first site visit to assess any design risks that need to be mitigated and take into account any obstacles that will need to be overcome in the design. Some possible examples of these may be utility access points that have been paved or grown over, significant drainage structures, project clearance issues, proximity to existing rights of way or structures, existing drainage problems, areas of damaged pavement indicative of failed base or other structures, pedestrian traffic patterns, etc. This site visit will be with the district to get their understanding of the goals of the project. This upfront field investigation allows us to get ahead of potential design issues that standardly come up at the 95% preliminary Plan-In-Hand meeting and prevent rework later which can have an effect on the schedule. All information from the field will be compiled and anything that needs to be added to the PMP will be tracked to keep a consistent track of all factors of the project.

**PRELIMINARY PLAN DEVELOPMENT.** We anticipate using DOTDs Road Design Manual for all construction plan development and project delivery. As such, we acknowledge the following submittal stages: 30%, 60%, 95% & 100% Preliminary Plans as well as 60%, 95%, 98%, and 100% Final Plans included in the Road Design Manual (Task for Completion Milestones). As a possible time saving measure, the design team would propose eliminating the 30% preliminary submittal to expedite the project schedule, and instead beginning the submittal stages at 60% Preliminary. This information as well as discussing the road design report, and what plan sections will be included with each submittal will also be discussed at the kickoff meeting to make sure that all plan delivery expectations are set prior to plan development. Designs will be in accordance with DOTD design criteria including the Road Design Manual, Design Criteria Guidelines, the DOTD Hydraulics Manual, and all other applicable road design manuals. The concept of practical designs will also be leveraged to the benefit of the project and DOTD by bringing in Fenstermaker's construction management group. Additionally, the Fenstermaker Team would also utilize our experience in the design exception and waiver process to the extent possible to expedite plan development, lessen project cost, and minimize right of way acquisition as a project alternative. We understand the use of crash modification factors (CMFs) to compare the relative impacts to safety of different design feature alternatives. If design guidance is needed that is not available via DOTD documentation for a particular issue, we will lean on our knowledge of the AASHTO "Green Book" for geometrics, the AASHTO Roadside Design Guide for roadside safety issues, the AASHTO Guidelines for Geometric Design of Low-Volume Roads, and the MUTCD for signing and striping as needed. Our Team is proficient in using DOTD's current preferred software including InRoads Select Series II, CADConform, and HYDRWin.

**60% PRELIMINARY PLANS.** This retainer contract may offer an assortment of different types of projects as discussed in our understanding. The particulars of design and what will be required will vary from one project to the next depending on the type and scope of each project, but for a typical road design project during the 60% Preliminary Plans phase, we may be expected to develop horizontal and vertical geometry, roadway drainage design, preliminary hydraulics report, striping layouts, preliminary required right-of-way locations, and 3d modeling. The plan sheets that will be delivered with each submittal stage will follow Figure 1-03 from the Road Design Manual. Our Team will also provide any additional sheets early that are requested or are believed to be time critical.

**95% & 100% PRELIMINARY PLANS.** The 95% preliminary plan set is critical for its use in the Plan-In-Hand (PIH) meeting and field visit where we will have an opportunity to go through the plans with DOTD staff to discuss anything they may have questions, comments, or concerns about. This is also an opportunity to directly coordinate with the district on any constructability concerns they may have at this time. If utility companies are present, then we can also coordinate any known impacts at this time. Additional plan sheet development and design will be ongoing at this stage. For 95% preliminary plans we will have developed our preliminary sequence of construction for discussion at the PIH meeting, our master summary of quantities, and have the necessary QA/QC checklists completed. For the 100% Preliminary delivery we will have addressed all comments received to this point, provide our final right-of-way lines (if necessary), provide our Opinion of Probable Construction Cost (OPC), provide any permit sketches that have been requested to this point, and have submitted any necessary design exceptions/ waivers. The 100% Preliminary Submittal may also contain proposed traffic signal hardware locations and proposed new signal timings if included in the scope of work. A separate 30% Final Plan submittal could also be delivered to accommodate these traffic signal related tasks.

**FINAL PLAN DEVELOPMENT.** Upon receipt of NTP, our team will move into the final plan development. As a kickoff to the final plan stage, our Team will redistribute any updated overall project delivery plan information to the DOTD PM and coordinate with them to cover any updates. This will again establish expectations for the final plans and allow for a smooth and transparent progression to project completion. The final plan stages include 60% Final, 95% Final, 98% Final, and 100% Final plans. The final plan stages will be when we develop our more detailed construction plan sheets and information, and finalize any outstanding permits, and finalize design exceptions.

**60% FINAL PLANS.** For the 60% final plans stage, any outstanding drainage design plans should be included with the set and the finalized hydraulic report should be submitted as well. Additionally, the Team will be in the final stages of any detailing sheets necessary for the particular project such as graphical grades, joint layouts, sequencing notes, and permanent signage and sign structures. For projects including traffic signals, proposed signal wiring, a list of items for signal work, and special foundation designs (if required) will be included with this milestone. Our Team will also be coordinating and attending any Joint Plan Review to coordinate with the final right-of-way maps if any are required for the project.

**95% (ACP) FINAL PLANS.** For the 95% final plans stage, all outstanding design and plan development will be completed, and a complete plan set distributed to DOTD. Our TO Team will attend and assist in coordinating the final Advance Check Prints meeting. We will utilize this opportunity to discuss any final questions or observation with the district personnel, DOTD staff, and any stakeholders that may attend. Our team will also provide a constructability report if one is desired as well as an ACP meeting. This submittal will also serve as an opportunity for the plans to be reviewed by the plan checker unit if that unit chooses to look at the project. We will also have design exception and design report approvals at this point in the plan delivery process.

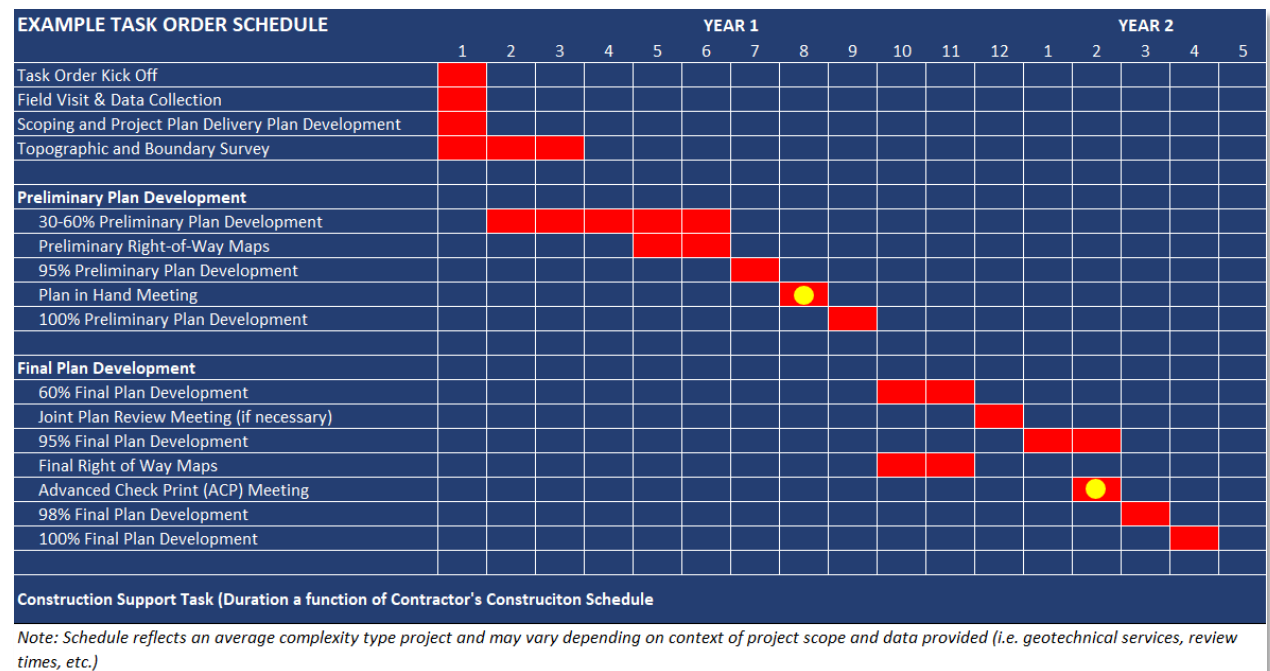
**98% & 100% FINAL PLANS.** The 98% final plan submittal will include the complete plan set having addressed all comments received, as well as the engineers final cost estimate and any special provisions necessary for the letting or construction of the project. Similarly, the 100% final submittal will include a complete stamped and signed plan set, stamped hydraulic report, and the final engineering estimate.

**SCHEDULE:** The development of schedules will be dependent upon task order scope, complexity, and time expectations from DOTD based upon the original scoping meeting. The development of schedules will include each of the previously defined project delivery milestones as well as a minimum of 2–3-week review period by DOTD. On the right of this page is an example task order schedule created for a medium-level size project absent any DOTD review time of deliverables.


**QUALITY CONTROL:** Quality control will be a continual effort. A QA/QC Plan will be prepared by our team and provided to DOTD within 10 business days of award. Our Quality Assurance activities will be managed by **Raymond Reaux, P.E.** a long tenured design engineer. Mr. Reaux will be responsible for verifying completeness of the QA/QC Plan and auditing compliance with that program. Quality control, constructability, and design reviews will occur prior to all submittals.



**CLOSING:** The Fenstermaker team is the right team for this contract. Our relationships within DOTD District 03 and Headquarters run deep and are critical in having a successful partnering relationship. Our historical knowledge of the parishes within District 03 as it relates to drainage, flood plain management, and traffic data will be a unique advantage to our team's ability to be efficient and effective.






**WORKLOAD AND AVAILABILITY OF RESOURCES:** Fenstermaker has the resources available to dedicate to this contract and also have the support of a strong team of sub-consultants to assist with TOs. Fenstermaker is currently a prime consultant for a contract with LADOTD for the Louisiana Watershed Initiative (LWI), Region 4. However, the personnel assigned to the LWI contract are not typical transportation related personnel that would be used on this contract, thus should not pose an issue with backlog.



## 19. Workload:


Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
 C. H. Fenstermaker & Associates, L.L.C.	Road	Contract No. 4400020291 State Project No. H.012869	LA 182 / Renaud Roundabout	\$246,852
	Bridge	Contract No. 4400025023 State Project No. H.015513	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Eleanor Road Over Coulee	\$200,000
		Contract No. 4400025023 State Project No. H.015335	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Puma Road Over Coulee	\$200,000
		Contract No. 4400025023 State Project No. H.015516	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Beiber Road Over Nezpique Bayou	\$200,000
		Contract No. 4400025023 State Project No. H.015512	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Mullins Road Over Tate Bayou	\$200,000
		Contract No. 4400025023 State Project No. H.015511	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 E. Martial Ave Over Coulee	\$200,000
		Contract No. 4400025023 State Project No. H.015515	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Andover Road Over Indian Bayou Lateral	\$200,000
		Contract No. 4400025023 State Project No. H.015514	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Sarah Dee PKWY. Over Coulee	\$200,000
		Contract No. 4400025023 State Project No. H.015505	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Solid Wastewater Road Over Bayou Boeuf	\$200,000
		Contract No. 4400025023 State Project No. H.015510	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Phillip Street Over Drainage Bayou	\$200,000
		Contract No. 4400025023 State Project No. H.015509	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Huval Street Over True Canal	\$200,000

 C. H. Fenstermaker & Associates, L.L.C.		Contract No. 4400025023 State Project No. H.015508	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Adam Guidry Road Over Coulee	\$200,000
		Contract No. 4400025023 State Project No. H.015507	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Minos Road Over Coulee	\$200,000
		Contract No. 4400025023 State Project No. H.015506	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Aristide Road Over Coulee	\$200,000
		Contract No. 4400025023 State Project No. H.015517	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Guegnon Street Over Youngs South Coulee	\$200,000
	Environmental	4400009703 / H.000688.2	US 11 Norfolk Southern Railroad	\$3,008
		4400007175 / H.011328.2	I-49 South (Ricohoc to Berwick)	\$804,100
		4400019338 / Multiple State Project Numbers	Rural Bridge Replacement Initiative Phase II – Multiple State Project Numbers – Districts 02, 03, 07, 61, and 62	\$137,291
		4400009281 / H.009932	US 80 Widening: Vancil Road to Well Road EA	\$5,343
		4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	\$85,327
	Traffic	4400007175 / H.011328.2	I-49 South (Ricohoc to Berwick)	\$171,365
		4400024204 / H.012889.5	I-20 Rehab (Pines Road to I-220)	\$80,568
		4400018646 / H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$85,960
		4400017033 / H.005121	LA 1/LA 415 Connector	\$47,276
		4400014845 / H.012018.6	Adaptive Traffic Signal Design and Implementation	\$17,741
		4400019379 / H.013797	LA 30: EBR PL – I-10	\$335,730
		4400021121 / H.000413	Cross Bayou Bridge Replacement	\$81,025
		4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	\$226,545
		4400023690 / H.015213.5	District 04 Pedestrian Safety Improvements	\$240,400
		4400021325 / H.012837.5	I-10 New Orleans Master Plan	\$513,925
	Road	4400007175 / H.011328.2	I-49 South (Ricohoc to Berwick)	\$342,731
		4400016923 / H.012901.6, H.010634.6	US 90Z (Bodenger Blvd. – Stumpf Blvd.)	\$235,299
		4400019010 / H.010116.5	LA 1088: Soult and Trinity Roundabouts	\$83,268
		4400024084 / H.009300.5	CMAR Contract for Hooper Road Widening (LA 3034 – LA 37)	\$109,063
		4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34)	\$106,659
	Bridge	4400018646 / H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$158,055
		4400021121 / H.000413	Cross Bayou Bridge Replacement	\$124,127
	ITS	4400016811 / H.013868.5	ITS Program Management and Operations (2022)	\$62,300

		4400016811 / H.013868.6 (A)	ITS Routine Maintenance Engineering and Inspection (ME&I) (2022)	\$102,869
		4400016811 / H.013868.6 (B)	ITS Responsive/Emergency Maintenance Engineering and Inspection (ME&I) (2022)	\$48,527
		4400016811 / H.013868.5	ITS Program Management and Operations (2023)	\$669,693
		4400016811 / H.013868.6 (A)	ITS Routine Maintenance Engineering and Inspection (ME&I) (2023)	\$674,294
		4400016811 / H.013868.6 (B)	ITS Responsive/Emergency Maintenance Engineering and Inspection (ME&I)	\$154,188
		2000715744 / 2000719098 / 2000719099 / 2000733237	Scope for Damaged Electrical for I-10 Atchafalaya Bridge / I-20 @ Bert Kouns CCTV Upgrade / DMS Site Communication Upgrades / Ethernet and Power Surge Protectors	\$18,750
		4400018646 / H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$33,275
	CE&I/OV	4400025046 / H.013710.6	I-10: US 61 to LaPlace ITS Deployment (CE&I)	\$282,879
	Data Collection	4400021325 / H.012837.5	I-10 New Orleans Master Plan	\$89,805
				\$216,934
	Geotech	H.013127	Retainer Contract for Geotechnical Services	
		4400017091/ TO-3	LWI Statewide Modeling R5 – Task Order #3	\$89,482
		H.011833.5	St. Mary Street Sidewalks	\$3,236
		H.011235.5	I-49 South @ Verot School Rd	\$155,840
		H.011235.5	I-20: UPRR Overpass	\$317,022
		H.015056	LA 685	\$62,272
		H.015058	LA 14 Business	\$53,364
	Surveying	4400017091/ TO-3	LWI Statewide Modeling R5 – Task Order #3	\$89,482
		Co. #:4400005673 S.P. H. 011235	I-49 South @ Verot School Road Lafayette Parish – Design Phase Supp. #1&2	\$832,704
		Co. #:4400010428 S.P. H.004774.5	Kansas Lane-Garrett Road Connector – Supp #1	\$40,354
		Co. #:4400011225 S.P. H.009497.6	LA 106: Bayou Bouef - Construction Services	\$0
		Co. #:4400011225 S.P. H.011808.5	LA 10: Company Canal – Construction Services	\$27,355
		Co. #:4400011225	US 171 Over Calcasieu River – Construction Services	\$26,617
	Bridge			

Bridge

S.P. H.010000.6-2		
Co. #:4400011225 S.P. H.011485.6	LA 336-1 Bayou Teche Bridge @ Breaux Bridge Construction Services	\$136,184
Co. #:4400011225 S.P. H. 012650.6	Bridge Repair District 62 - Construction Services	\$25,337
Co. #:4400011225 S.P. H.012451.6	Dist. 04 Bridge Repairs - Construction Services	\$20,456
Co. #:4400011225 S.P. H.010006.5	LA 58 Petit Caillou Bridge Rehabilitation	\$1,481
Co. #:4400011225 S.P. H.002868.5	Ambassador/BNSF Frontage Road Bridges	\$3,726
Co. #:4400011225 S.P. H.003370	I-220/I-20 Interchange IMP & BAFB Access	\$0
Co. #: Not issued S.P. H.004791	LA 23: Belle Chasse Bridge and Tunnel (HBI)	\$997,082
Co. #:4400017421 S.P. H.001352.5	Comite Diversion Bridge at LA 67 – Construction Services	\$180,486
Co. #:4400017421 S.P. H.002273.5	Comite Diversion Bridge at LA 19 & LA 19 Railroad – Const. Services	
Co. #:4400018646 S.P. H.004100	I-10 CMAR – Segment 1 Design	\$1,018,051
Co. #:4400011225 S.P. H.014560.5	LA 94: Vermillion River Bridge Replacement	\$0
Co. #:4400011225 S.P. H.014747	Southern University Ravine Project	\$221,400
Co. #:4400011225 S.P.H.014052-2	LA 151: I-20 Overpass Deck Replacement	\$35,824
Co. #:440017262 S.P.H.012545.5	LA454: Wiggins Bayou Bridge	\$197,295
Co. #:4400017262 S.P.H.014646.5	I-20: US 165 East of Garret Road	\$277,003
Co. #:4400017262 S.P.H.014052.5	LA 151: Construction Services	\$42,456
Co. #:4400017262 S.P.H.002868.5	I-49 South: Ambassador Caffery / US 90 Interchange	\$5,248
Co. #:4400017262 S.P.H.002868.6	I-49 South: Ambassador Caffery Interchange	\$33,636
Co. #:4400017262	I-20: UPRR Overpass	\$539,147

		S.P.H.012027.5		
		Co. #:4400017262 S.P.H.015114.5	US 90 Over Bayou Ramos	\$25,138
		Co. #:4400017262 S.P.H.013203.5	US 90: US 90 – LA318 – LA 83 Approach Slabs	\$67,668

## 20. Certifications/Licenses:




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

**Mr. Raymond Joseph Reaux**

License/Certificate Type - Number	Expiration Date
PE.0025322	09/30/2023

Status: **Active**




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

**Mr. Dax Anthony Douet**

License/Certificate Type - Number	Expiration Date
PE.0030170	09/30/2024

Status: **Active**



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

**Mrs. Aimee D. Latiolais**

License/Certificate Type - Number	Expiration Date
PE.0042932	03/31/2025

Status: **Active**



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

**Mrs. Bradford Habetz Millett**

License/Certificate Type - Number	Expiration Date
PLS.0005245	03/31/2025

Status: **Active**



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

**Mrs. Bradford Habetz Millett**

License/Certificate Type - Number	Expiration Date
EI.0032848	09/30/2024

Status: **Active**



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

**Mr. Patrick J. Landry**

License/Certificate Type - Number	Expiration Date
PE.0021084	09/30/2023

Status: **Active**




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

**Mr. Luke Martin Hebert**

License/Certificate Type - Number	Expiration Date
PE.0034715	09/30/2023

Status: **Active**




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

**Mrs. Jessica C. T. Pousson**

License/Certificate Type - Number	Expiration Date
PE.0043716	03/31/2024

Status: **Active**



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

**Mr. Carson Everett Washington**

License/Certificate Type - Number	Expiration Date
PE.0043722	03/31/2024

Status: **Active**



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

**Ms. Anna Wyble Doucet**

License/Certificate Type - Number

PE.0043469

Expiration Date

09/30/2023

Status: **Active**



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

**Mr. Nicholas Patrick Castille**

License/Certificate Type - Number

EI.0034130

Expiration Date

03/31/2024

Status: **Active**



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

**Mr. Dustin Kyle Guidry**

License/Certificate Type - Number

EI.0034146

Expiration Date

03/31/2024

Status: **Active**



## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Dax Douet**  
has attended

**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

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

Baton Rouge, LA  
Location

*Ranga Siva*  
Director of Training  
*Alexis Teshchen*  
President, CEO

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



American Traffic Safety Services Association ATSSA.com



## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Aimee Latiolais**  
has attended

**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

9/23/2022 to 9/23/2026  
Training Valid Through

Lafayette, LA  
Location

*Ranga Siva*  
Director of Training  
*Alexis Teshchen*  
President, CEO

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



American Traffic Safety Services Association ATSSA.com



## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Anna Doucet**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

---

9/23/2022 to 9/23/2026  
Training Valid Through

Lafayette, LA  
Location


*James Siffert*  
Director of Training

*Shawn Teichner*  
President, CEO

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



American Traffic Safety Services Association ATSSA.com



## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Carson Washington**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

---


8/7/2020 to 8/7/2020  
Date

Baton Rouge, LA  
Location

*Donna H. Clark*  
Vice President of Education and Technical Services

*Shawn Teichner*  
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*  
**James Siffert**


*has satisfied the requirements to be designated as a*  
**CERTIFIED FLAGGER**

Expiration Date 2/17/2025

State Issued in LA

*James Siffert*  
Instructor Signature

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



### AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

*This is to affirm that*  
**Dustin Guidry**

*has satisfied the requirements to be designated as a*  
**CERTIFIED FLAGGER**


Expiration Date 12/28/2025

State Issued in LA

*James Siffert*  
Instructor Signature

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





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

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

**Mr. Akhilendra Singh Chauhan**

License/Certificate Type - Number	Expiration Date
<b>PE.0033703</b>	<b>09/30/2024</b>
Status: <b>Active</b>	

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

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

# 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



*James W. Hinkle*  
Executive Director

# 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



*James W. Hinkle*  
Executive Director





National Highway Institute

## Certificate of Training

**Akhil Chauhan**

has participated in

**NHI Course No. 142005 -  
NEPA and Transportation Decision Making**

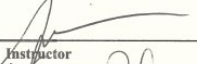

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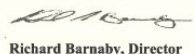
LA DOTD/LTRC

Date: May 28-30, 2014

Hours of Instruction: 18

Location: Baton Rouge, LA

  
Instructor  
  
Instructor

  
Local Coordinator  
  
Richard Barnaby, Director  
National Highway Institute



National Highway Institute

## Certificate of Training

**Akhil Chauhan**

has participated in

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

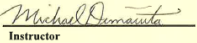

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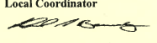
Louisiana Department of Transportation and Development

Date: May 9-10, 2012

Hours of Instruction: 12

Location: Baton Rouge, LA

  
Instructor  
  
Instructor

Local Coordinator  
  
Richard Barnaby, Director  
National Highway Institute



National Highway Institute

## Certificate of Training

**Akhilendra Chauhan**

has participated in

**NHI Course No. 380075 -  
New Approaches to Highway Safety Analysis**



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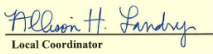
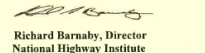
LA DOTD/LTRC

Date: October 9-11, 2012

Hours of Instruction: 18

Location: Baton Rouge, LA

  
Instructor  
  
Instructor

  
Local Coordinator  
  
Richard Barnaby, Director  
National Highway Institute



National Highway Institute

## Certificate of Training

**AKHIL CHAUHAN**

has participated in

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

hosted by


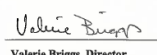
LA DOTD/LTRC

Date: August 16-17, 2017

Hours of Instruction: 11

Location: Baton Rouge, LA

  
Instructor  
  
Instructor

  
Local Coordinator  
  
Valerie Briggs, Director  
National Highway Institute



National Highway Institute

## Certificate of Training

**Akhil Chauhan**

has participated in

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



hosted by


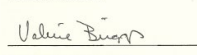
LA DOTD/LTRC

Date: January 6-8, 2015

Hours of Instruction: 18

Location: Baton Rouge, LA

  
Instructor  
  
Instructor

  
Local Coordinator  
  
Valerie Briggs, Director  
National Highway Institute



# 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





**Introduction to Travel Forecasting**  
FHWA Resource Center



**Course:** *Introduction to Travel Forecasting*

**Offered by:** *FHWA Resource Center*


**Date:** *April 26, 2011*

**Contact Hours:** *7*

**Student:** *Akhil Chauhan*

**Instructors:** *Eric Pihl and Jeff Frkonja, FHWA Resource Center*





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

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

**Mr. Ari J. Deitch**

License/Certificate Type - Number	Expiration Date
<b>PE.0041842</b>	<b>03/31/2024</b>
Status: <b>Active</b>	

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

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

# 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**

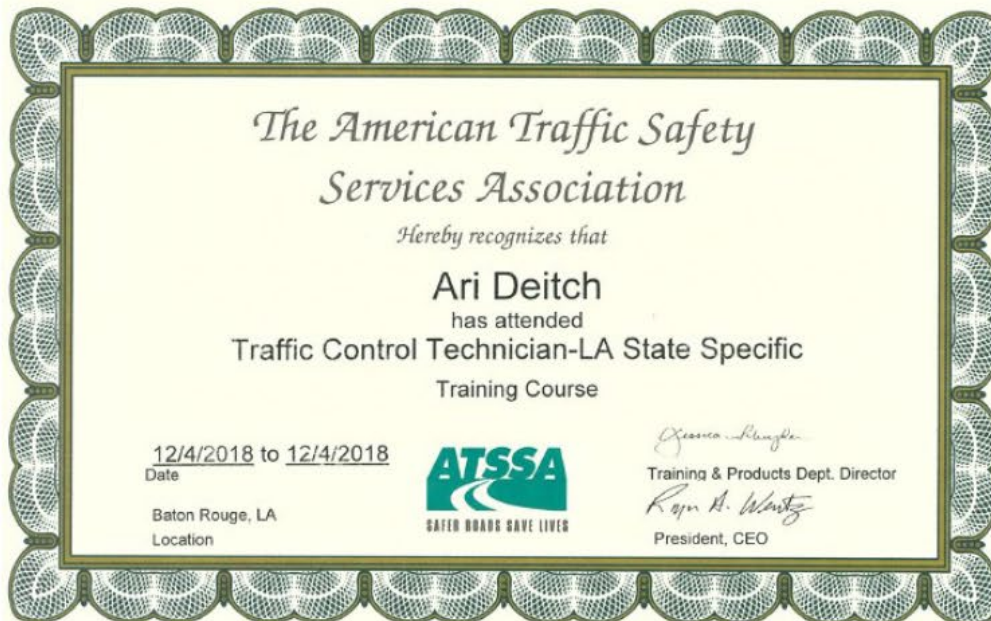
*unless withdrawn by the Certification Board and subject to the provisions for renewal.  
Certificate number 690 issued in Washington, DC, USA*

07/17/2019

*Diane Morabito*  
Diane Morabito  
Chair



*Jeffrey F. Luvati*  
Jeffrey F. Luvati  
Executive Director





# Transportation Professional Certification Board, Inc.

*certifies that*

**Ari Jacob Deitch**

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

**Road Safety Professional**

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

*Certificate number 87 issued in Washington, DC, U.S.A*

*12/21/2018*

*Diane W. Morabito*  
Chair



*Jeffrey F. Piniati*  
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, U.S.A*

*Michael K. Park*  
Chair



*Jeffrey F. Piniati*  
Executive Director



National Highway Institute



# Certificate of Training

**ARI DEITCH**

*has participated in*

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

*hosted by*

**LA DOTD/LTRC**

**Date:** August 16-17, 2017

**Location:** Baton Rouge, LA

**Hours of Instruction:** 11

*[Signature]*  
Instructor

*[Signature]*  
Instructor

*Allison H. Landry*  
Local Coordinator

*Valerie Briggs*  
Valerie Briggs, Director  
National Highway Institute

# Certificate of Completion

presented to

*Ari Deitch*

for completing the

## Traffic Engineering Analysis Process & Report Module 1

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

Professional Development  
Hours (PDHs) Awarded: 2

*Poly Kolina*  
Authorized Instructor

*Ari Deitch*  
Authorized Instructor

*P. G. 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 Kolina*  
Authorized Instructor

*Ari Deitch*  
Authorized Instructor

*P. G. 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 Kolina*  
Authorized Instructor

*Ari Deitch*  
Authorized Instructor

*P. G. P. P.*  
Authorized instructor





LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)

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

Mr. Kester Berk Hollier

License/Certificate Type - Number

PE.0034304

Expiration Date

03/31/2025

Status: **Active**

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

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

# 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

*Jody J. Colvine*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*P. G. Brumfield*  
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

*Jody J. Colvine*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*P. G. Brumfield*  
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

*Jody J. Colvine*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*P. G. Brumfield*  
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*

**Road Safety Professional**

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

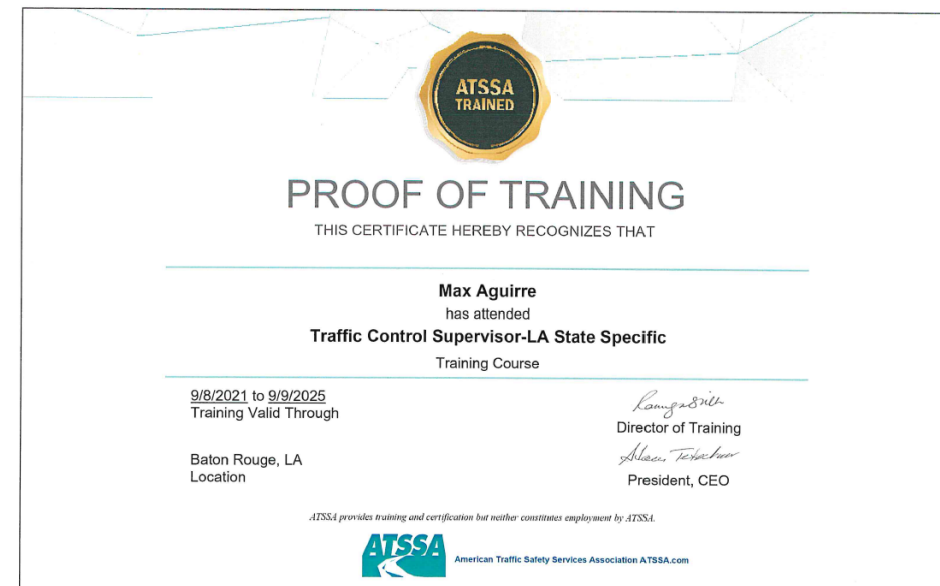
*Certificate number 636 issued in Washington, DC, USA*

*8/3/2021*

*Deborah Snyder*  
Deborah Snyder  
Chair



*Jeffrey F. Panziti*  
Jeffrey F. Panziti  
Executive Director



# 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

*Jim Holt*  
Authorized Instructor

*Robert J. Burrows*  
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

*Jim Holt*  
Authorized Instructor

*Robert J. Burrows*  
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

*Jim Holt*  
Authorized Instructor

*Robert J. Burrows*  
Authorized instructor





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

Mr. Skyler James Waaso

License/Certificate Type - Number

PE.0039070

Expiration Date

09/30/2024

Status: **Active**

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

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

# Transportation Professional Certification Board, Inc.

*certifies that*

**Skyler James Waaso**

*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 4600 issued in Washington, DC, USA*

*3/27/19*

*Diane Morabito*  
Diane Morabito  
Chair



*Jeffrey F. Paniati*  
Jeffrey F. Paniati  
Executive Director

## Certificate of Completion

presented to

*Skyler Waaso*

for completing the

### Traffic Engineering Analysis Process & Report Module 1

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

Professional Development  
Hours (PDHs) Awarded: 2

  
Authorized Instructor

  
Authorized Instructor

  
Authorized instructor



## Certificate of Completion

presented to

*Skyler Waaso*


for completing the

### Traffic Engineering Analysis Process & Report Module 2

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

Professional Development  
Hours (PDHs) Awarded: 3

  
Authorized Instructor

  
Authorized Instructor

  
Authorized instructor



## Certificate of Completion

presented to

*Skyler Waaso*

for completing the

### Traffic Engineering Analysis Process & Report Module 3

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


Professional Development  
Hours (PDHs) Awarded: 3

  
Authorized Instructor

  
Authorized Instructor

  
Authorized instructor





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

**Mr. Thomas Jude Montz Jr.**

License/Certificate Type - Number	Expiration Date
<b>PE.0039128</b>	<b>09/30/2024</b>

Status: **Active**

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

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



**Transportation Professional Certification Board, Inc.**

*certifies that*

**Thomas Jude Montz, Jr.**

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

**Professional Traffic Operations Engineer**

*unless withdrawn by the Certification Board and subject to the provisions for renewal.*  
*Certificate number 4098 issued in Washington, DC, USA*  
*7/18/2016*

  
 Kenneth W. Akeret  
Chair



  
 Jeffrey F. Piniati  
Executive Director

**Transportation Professional Certification Board, Inc.**

*certifies that*

**Thomas Jude Montz, Jr.**

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

**Professional Transportation Planner**

*unless withdrawn by the Certification Board and subject to the provisions for renewal.*  
*Certificate number 599 issued in Washington, DC, USA*  
*8/15/17*

  
 Michael R. Park  
Chair



  
 Jeffrey F. Piniati  
Executive Director

# Training Certificate

PRESENTED TO

*Thomas Montz*

for successful completion of a webinar presentation on  
Traffic Controller (Naztec TS1 & TS2) and Streetwise Training Course  
September 5, 2013

8 PDH's



*Michael Trueblood*

Michael Trueblood, PE, PTOE  
Facilitator



LAPELS Continuing Professional  
Development Provider - CPD.0000281



*This certifies that*

**Thomas Montz**

*Attended and successfully completed the following training*

**Highway Capacity Analysis**

Conducted in Baton Rouge, LA on May 23-24, 2012

12 PDHs

*Bill Sampson*

Bill Sampson, Instructor  
University of Florida



U.S. Department  
Of Transportation  
Federal Highway  
Administration

National Highway Institute

## Certificate of Training

**Thomas Montz**

*has participated in*

**NHI Course No. 133078 –  
Access Management, Location and Design**

*hosted by*

**LA DOTD/LTRC**

**Date:** February 5-7, 2013

**Hours of Instruction:** 18

**Location:** Baton Rouge, LA

*Chris Hoffman*  
Instructor

*Dave Sargent*  
Instructor

*Richard H. Landry*  
Local Coordinator

*Richard Barnaby*  
Richard Barnaby, Director  
National Highway Institute



NATIONAL HIGHWAY INSTITUTE  
Training Solutions for Transportation Excellence

### Certificate of Completion

**Thomas Montz**

Has completed the professional development workshop

**Designing Streets for  
Pedestrians & Bicyclists**

April 17-19, 2013

Course instructors for this workshop were Michael Ronkin and  
Michael Moule, PE, PTOE.

This course counts towards 21 professional development  
hours (PDH) according to the standards of the American  
Planning Association, Louisiana Professional Engineering and  
Land Surveying Board or the American Society of Landscape  
Architects.

This course was offered as part of the Regional Planning  
Commission Pedestrian and Bicycle Program, sponsored by  
the Louisiana Department of Transportation and  
Development

*Michael Moule*  
Michael Moule, PE, PTOE

*Michael Ronkin*  
Michael Ronkin





**CERTIFICATE OF COURSE COMPLETION**

This certifies that **Thomas Montz** has completed

**ROUNDABOUT DESIGN WORKSHOP**

**Hours of Instruction: 13**

Location: Baton Rouge, Louisiana

Date: September 10<sup>th</sup> & 11<sup>th</sup>, 2013

*Howard McCulloch*

Howard McCulloch, P.E., NE ROUNDABOUTS



**CERTIFICATE OF COURSE COMPLETION**

This certifies that **Thomas Montz** has completed

**SIDRA INTERSECTION 6  
ROUNDABOUT ANALYSIS WORKSHOP**

**Hours of Instruction: 13**

Location: Baton Rouge, Louisiana

Date: September 12<sup>th</sup> & 13<sup>th</sup>, 2013

*Howard McCulloch*

Howard McCulloch, NE ROUNDABOUTS

# Certificate of Completion

presented to

*Thomas Montz*

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

*Jim Holt*  
Authorized Instructor

*D. G. Parnell*  
Authorized instructor



# Certificate of Completion

presented to

*Thomas Montz*

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

*Jim Holt*  
Authorized Instructor

*D. G. Parnell*  
Authorized instructor



# Certificate of Completion

presented to

*Thomas Montz*

for completing the

## Traffic Engineering Analysis Process & Report Module 3

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

Professional Development  
Hours (PDHs) Awarded: 3

*Poly Colvane*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*D. G. Parnell*  
Authorized instructor





# 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)

### APS Engineering & Testing, LLC.

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

**NC221310, NC221320, NC541330, NC541370, NC541380, NC541620, NC541690**

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

### **Certificate Eligibility: October 2021 to October 2022**

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

***Rhonda Wallace***

**Rhonda Wallace, DBE/SBE Programs Manager**  
*Louisiana Department of Transportation & Development*



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

**Mr. Sergio L. Aviles**

License/Certificate Type - Number

**PE.0033571**

Expiration Date

**03/31/2024**

Status: **Active**



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

**Mr. Sairam Venkata Eddanapudi**

License/Certificate Type - Number

**PE.0035129**

Expiration Date

**03/31/2024**

Status: **Active**



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

**Mr. Surendra Raj Pathak**

License/Certificate Type - Number

**PE.0043487**

Expiration Date

**09/30/2023**

Status: **Active**



Office of the Secretary  
PO Box 94245 | Baton Rouge, LA 70804-9245  
PH: 225-379-1200 | FX: 225-379-1851

John Bel Edwards, Governor  
Eric Kalivoda, Secretary

April 14, 2023

**Civil Design & Construction, Inc.**

Attn: Karla Weston  
PO Box 857  
Port Allen, LA 70767

Dear Karla Weston,

The Louisiana Department of Transportation and Development (LADOTD) Compliance Programs Section has received your firm's Disadvantaged Business Enterprise (DBE) and Small Business Element (SBE) annual affidavit. Based on the information, which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for only the following specific work categories that fall under the listed NAICS codes:

**NC541330-Engineering Services**

C05-Structural Engineering

C09-Civil Engineering

**NC541340-Drafting Services**

C03-Drafting

**NC541350-Building Inspection Services**

C21-Construction Inspections

**NC541370-Surveying and Mapping (except Geophysical) Services**

C06-Land Surveying

C12-Right-of-Way

727-Mobilization

740-Construction Layout

CSL-Construction Layout Design

*Please note that per the federal regulations, suppliers only receive 60% goal credit towards the materials they provide. Also, note that any contractor performing work in excess of \$50,000 with the exception of electrical, mechanical and plumbing requires A Louisiana Contractor's License, which are required to have a license if work is in excess of \$10,000. You may contact the State Licensing Board for Contractors at (225) 765-2301 for more information. All participants of the Louisiana Unified Certification Program will recognize your firm's certification. This includes all entities receiving federal transportation funding within the boundaries of our state.*

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **March 31, 2024**. However, should you not receive notification from this office for your annual affidavit; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

**Civil Design & Construction, Inc.**

April 14, 2023

Page 2

The LADOTD has contracted SJB Group, LLC to provide DBE Supportive Services to all certified DBEs, in the LAUCP, at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Contact Jackie des Bordes or Kenyatta Sparks with the SJB Group, LLC at (225) 769-3400 for any assistance needed to grow your organization.

The Louisiana UCP certifying entity reserves the right to withdraw this certification, if at any time, it is determined that **DBE and SBE** certifications was knowingly obtained by the submission of false, misleading or incorrect data. The Louisiana UCP certifying entity also reserves the right to request additional information and/or conduct an on-site visit at any time during your certification period.

We are pleased to have you as a participant in the LAUCP and wish you much success.

If you have any questions regarding the content of this letter, contact the LADOTD DBE Certification Unit at (225) 379-1382.

Respectfully,

*Rhonda Wallace*

Rhonda Wallace  
DBE/SBE Programs Manager

Enclosure (Certificate)



# 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 2023 to March 2024**

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

*Rhonda Wallace*

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


*Louisiana Department of Transportation & Development*

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

**Mr. Ralph D. Burgess**

License/Certificate Type - Number      Expiration Date  
PLS.0005040      09/30/2024

Status: **Active**

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

**Mr. Madison Edward Mills**

License/Certificate Type - Number      Expiration Date  
PLS.0005293      03/31/2025


Status: **Active**

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

**Mr. Christopher Lyle Ballard**

License/Certificate Type - Number      Expiration Date  
PLS.0005033      09/30/2024


Status: **Active**

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

**Mr. Madison Edward Mills**

License/Certificate Type - Number      Expiration Date  
EI.0035231      03/31/2025


Status: **Active**

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

**Mr. Bradley Christopher Jacobs**

License/Certificate Type - Number      Expiration Date  
EI.0032456      09/30/2023

Status: **Active**

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

**Mrs. Karla Ewing Weston**

License/Certificate Type - Number      Expiration Date  
PE.0031010      03/31/2024

Status: **Active**

 **AMERICAN TRAFFIC  
SAFETY SERVICES  
ASSOCIATION**  
*This is to affirm that  
Ralph D Burgess  
has satisfied the requirements  
to be designated as a  
CERTIFIED FLAGGER*

Expiration Date 7/14/2023 State Issued in LA

Verification available by calling 1-877-842-4637 or at <http://www.flagger.com>

 **AMERICAN TRAFFIC  
SAFETY SERVICES  
ASSOCIATION**  
*This is to affirm that  
Scott Benton  
has satisfied the requirements to be designated as a  
CERTIFIED FLAGGER*

Expiration Date 3/1/2024 State Issued in LA

Verification available by calling 1-877-842-4637 or at <http://www.flagger.com>

**UNITED STATES OF AMERICA** XI  
DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME  
SCOTT RICHARD BENTON


V ADDRESS 31050 LA HIGHWAY 16 APT 511  
DENHAM SPRINGS LA 70726-8992

VI NATIONALITY USA SEX HEIGHT WEIGHT HAIR EYES  
IVa D.O.B. 17 SEP 1983 M 74 220 BROWN BLUE

IX HAS BEEN FOUND PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF


II REMOTE PILOT  
III CERTIFICATE NUMBER **4644960**  
X DATE OF ISSUE 31 MAR 2022

IV *Ricky M. H.*  
/III ACTING ADMINISTRATOR

 **AMERICAN TRAFFIC  
SAFETY SERVICES  
ASSOCIATION**  
*This is to affirm that  
Drennon Humphreys  
has satisfied the requirements to be designated as a  
CERTIFIED FLAGGER*

Expiration Date 5/11/2025 State Issued in LA

Verification available by calling 1-877-842-4637 or at <http://www.flagger.com>

 **AMERICAN TRAFFIC  
SAFETY SERVICES  
ASSOCIATION**  
*This is to affirm that  
Jacob Stoehr  
has satisfied the requirements to be designated as a  
CERTIFIED FLAGGER*

Expiration Date 5/9/2025 State Issued in LA

Verification available by calling 1-877-842-4637 or at <http://www.flagger.com>

 **AMERICAN TRAFFIC  
SAFETY SERVICES  
ASSOCIATION**  
*This is to affirm that  
Jason Stoehr  
has satisfied the requirements  
to be designated as a  
CERTIFIED FLAGGER*

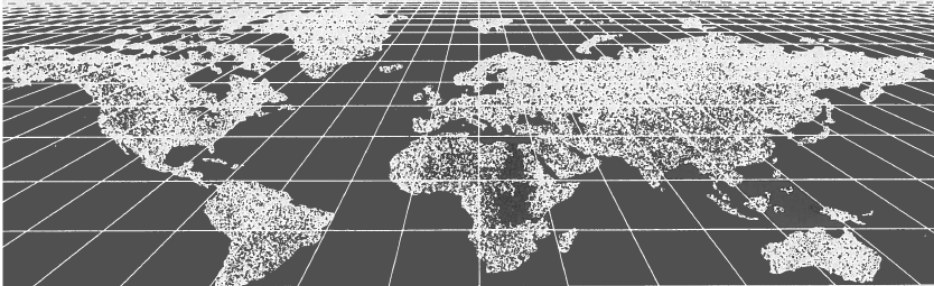
Expiration Date 6/25/2023 State Issued in LA

Verification available by calling 1-877-842-4637 or at <http://www.flagger.com>

C E R T I F I E D  
**SURVEY TECHNICIAN**

**Philip S. Dupree**

through knowledge, experience and testing has met the requirements  
established by the Certified Survey Technician Board.



Level III Boundary

Level

President

*Andrew J. Alfred*

0799-1106

Certificate Number

6/30/2023

Expiration Date



**CERTIFICATE IS AWARDED TO**

**PHILIP DUPREE**

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

**LOUISIANA DEPARTMENT OF TRANSPORTATION  
& DEVELOPMENT**

on the following date

**JAN 15, 2022**

Valid for 4 years from completion date.

**Expires JAN 15, 2026**

This temporary/backup certificate is valid with a government issued photo ID.

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

**123-57-69229**

Enter the code to verify this certificate is an original at

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



## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Drennon Humphreys**  
has attended  
**Traffic Control Technician-LA State Specific**  
Training Course

5/11/2021 to 5/11/2025  
Training Valid Through

Baton Rouge, LA  
Location

*Ramona B. Wells*  
Director of Training  
*Alexander Wells*  
President, CEO

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



American Traffic Safety Services Association ATSSA.com



## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Alexander Wells**  
has attended  
**Traffic Control Technician-LA State Specific**  
Training Course

5/11/2021 to 5/11/2025  
Training Valid Through

Baton Rouge, LA  
Location

*Ramona B. Wells*  
Director of Training  
*Alexander Wells*  
President, CEO

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



American Traffic Safety Services Association ATSSA.com



## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Jason Stoehr**  
has attended  
**Traffic Control Supervisor-LA State Specific**  
Training Course

5/12/2021 to 5/13/2025  
Training Valid Through

Baton Rouge, LA  
Location

*Ramona B. Wells*  
Director of Training  
*Alexander Wells*  
President, CEO

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

**Mr. Colby John Guidry**

License/Certificate Type - Number      Expiration Date  
**PE.0031338**      **09/30/2024**

Status: **Active**



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**Mr. Thomas Millard Gattle III**

License/Certificate Type - Number      Expiration Date  
**PE.0030779**      **09/30/2023**

Status: **Active**



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**Mrs. Michelle C. Helminger**

License/Certificate Type - Number      Expiration Date  
**PE.0043123**      **03/31/2025**

Status: **Active**



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**Mr. Matthew Louis Hebert**

License/Certificate Type - Number      Expiration Date  
**PE.0037713**      **09/30/2023**

Status: **Active**



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9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
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**Mr. Glenn McCall**

License/Certificate Type - Number      Expiration Date  
**PE.0029639**      **09/30/2023**

Status: **Active**



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**Mr. Nicholas Paul Helminger**

License/Certificate Type - Number      Expiration Date  
**PE.0041937**      **03/31/2024**

Status: **Active**



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9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
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**Mr. Reid Matthew Romero**

License/Certificate Type - Number      Expiration Date  
**PE.0037772**      **09/30/2023**

Status: **Active**



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

**Mr. Justin Charles Peltier**

License/Certificate Type - Number      Expiration Date  
**PE.0034765**      **09/30/2023**

Status: **Active**



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

**Mr. Robert William Schmidt**

License/Certificate Type - Number      Expiration Date  
**PE.0022837**      **09/30/2023**

Status: **Active**

## Colby Guidry



### PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Colby J Guidry  
has attended

**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

9/23/2022 to 9/23/2026  
Training Valid Through

Lafayette, LA  
Location

*Long Smith*  
Director of Training  
*Shawn Tishaw*  
President, CEO

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



## National Highway Institute Certificate of Training COLBY GUIDRY

has participated in

**FHWA-NHI-130053 Bridge Inspection Refresher Training**

hosted by

**LA DOTD/LTRC**

Date: January 21-23, 2020  
Location: Baton Rouge, LA

Hours of Instruction: 18

*William M. Taylor*  
Instructor  
*Robert M. Martin*  
Instructor

*Allison H. Landry*  
Local Coordinator  
*Michael Davies, P.E.*  
Michael Davies, P.E.  
Director, National Highway Institute



## National Highway Institute Certificate of Training

Colby Guidry

has participated in

**FHWA-NHI-130053 Bridge Inspection Refresher Training**

hosted by

**Office of State Aid Road Construction**

Date: April 21-23, 2015  
Location: Jackson, MS

Hours of Instruction: 18

*[Signature]*  
Instructor  
*[Signature]*  
Instructor

*Marie Allbritton*  
Local Coordinator  
*Valerie Briggs*  
Valerie Briggs, Director  
National Highway Institute



## National Highway Institute Certificate of Training Colby Guidry

has participated in

**Safety Inspection In-Service Bridges**

hosted by

**ALABAMA DEPARTMENT OF TRANSPORTATION**

Location: Mobile, Alabama

Hours of instruction: 72

Date: May 14-25, 2007

*William S. Davis*  
Instructor  
*Proger Ayala*  
Director, National Highway Institute  
Federal Highway Administration

*Harvey L. H. [Signature]*  
Coordinator  
Director, Office of Professional Development  
Federal Highway Administration



National Highway Institute  
**Certificate of Training**  
**Colby Guidry**  
*has participated in*



**Fracture Critical Inspection Techniques for Steel Bridges**

*hosted by*  
LA DOTD/LTRC

**Date:** April 27-30, 2009  
**Location:** Baton Rouge, LA

**Hours of Instruction:** 21

*James A. Guidry*  
Instructor  
*[Signature]*  
Instructor

*Allison Landry*  
Local Coordinator  
*[Signature]*  
Richard Barnaby, Director  
National Highway Institute



National Highway Institute  
**Certificate of Training**  
**Colby Guidry**  
*has participated in*



**Fundamentals of LRFR and  
Applications of LRFR for Bridge Superstructures**

*hosted by*  
LA DOTD/LTRC

**Date:** December 7-10, 2009  
**Location:** Baton Rouge, LA

**Hours of Instruction:** 24

*Pala Rooburmal*  
Instructor  
*Thomas Seed*  
Instructor

*Allison Landry*  
Local Coordinator  
*[Signature]*  
Richard Barnaby, Director  
National Highway Institute

## Thomas Gattle



**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Thomas Gattle**  
has attended  
**Traffic Control Supervisor-LA State Specific**  
Training Course

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9/27/2022 to 9/27/2026  
Training Valid Through

Lafayette, LA  
Location

*Ronja Smith*  
Director of Training

*Glenn Teitelbaum*  
President, CEO

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American Traffic Safety Services Association ATSSA.com

## Glenn McCall



**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Glenn McCall**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

---

9/23/2022 to 9/23/2026  
Training Valid Through

Lafayette, LA  
Location

*Ronja Smith*  
Director of Training

*Glenn Teitelbaum*  
President, CEO

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



American Traffic Safety Services Association ATSSA.com

## Michelle Helminger



**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Michelle Helminger**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

---

9/23/2022 to 9/23/2026  
Training Valid Through

Lafayette, LA  
Location

*Ron Gault*  
Director of Training

*Shawn Tschetter*  
President, CEO

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## Nick Helminger



**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Nicholas Helminger**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

---

9/23/2022 to 9/23/2026  
Training Valid Through

Lafayette, LA  
Location

*Ron Gault*  
Director of Training

*Shawn Tschetter*  
President, CEO

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**21. QA/QC Plan:**

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

**22. Sub-consultant information:**

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

<b>Firm Name (Name must match as registered with Louisiana's Secretary of State)</b>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>
Arcadis U.S., Inc.	10352 Plaza American Drive Baton Rouge, LA 70816	Akhil Chauhan, P.E., PMP, PTOE, PTP akhil.chauhan@arcadis.com	(225) 244-6589
APS Engineering and Testing, LLC	1645 Nicholson Drive Baton Rouge, LA 70802	Sergio Aviles P.E., M. ASCE sergio@aps-testing.com	(225) 4565714
Civil Design & Construction, Inc.	3251 Southern Pacific Road Port Allen, LA 70767	Karla E. Weston, P.E. kweston@cdcbr.com	(225) 765-1802
Huval & Associates, Inc.	922 West Pont des Mouton Road Lafayette, LA 70507	Colby Guidry, P.E. cguidry@huvalassoc.com	(337) 234-3798

(Add rows as needed)

**23. Location:**

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



C. H. Fenstermaker & Associates, L.L.C.