

DOTD FORM: 24-102


(Revised March 1, 2022)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Firm should fill in the DOTD Form 24-102 provided without altering the text provided in the form.

Firm should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

1. Contract title as shown in the advertisement	St. Nazaire Road Ext: LA 96 - Corne Rd
2. Contract number(s) as shown in the advertisement	4400025625
3. State Project Number(s), if shown in the advertisement	H.014622.1
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	Duplantis Design Group, PC
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.0002924
6. Prime consultant mailing address	314 East Bayou Road Thibodaux, LA 70301
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	Same as above (existing office location)
8. Name, title, phone number, and email address of Prime Consultant's Contract Point-of-Contact	Joseph Marino, Jr., PE Associate + Acadiana Lead 337.233.9914 jmarino@ddgpc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Heather R. Klingman, PE Principal 985.447.0090 hklingman@ddgpc.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 will it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees taht the following information is correct.	(continued on following page)

<p>In preparing its response, the proposer has considered all proposals submitted for 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 Israel-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 with 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.</p>	<p>Signature (shall be the same person as #9):</p> <div style="text-align: center;">  </div> <hr style="width: 20%; margin: 0 auto;"/> <p>Date: December 21, 2022</p>
<p>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</p>	<p>Firm(s): The Lakvold Group, LLC <u>4 %</u></p>

12. Past Performance Evaluation Discipline Table

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

The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20

Evaluation Disciplines	% of Overall Contract	Prime DDG	Firm B Arcadis	Firm C NDS	Firm D Lakvold	Each Discipline must total to 100%
Road	25%	100%				100%
Survey	5%	100%				100%
Traffic	24%		100%			100%
Environmental	22%	30%	70%			100%
Data Collection	5%			100%		100%
Planning	15%	70%			30%	100%
Right of Way	4%	100%				100%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each subconsultant						
Percent of Contract	100%	51.1%	39.4%	5%	4.5%	

13. FIRM SIZE

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

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

Firm Name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in the DOTD job classification (if needed)
Duplantis Design Group	Principal	1	12
Duplantis Design Group	Supervisor - Eng	1	15
Duplantis Design Group	Engineer	2	38
Duplantis Design Group	Environmental Manager	1	1
Duplantis Design Group	Surveyor	2	4
Duplantis Design Group	Senior Technician	1	7
Duplantis Design Group	Party Chief	1	5
Arcadis	Principal	1	4
Arcadis	Environmental Manager	1	4
Arcadis	Environmental Professional	6	8
Arcadis	Engineer	9	12
Arcadis	Supervisor Engineer	3	4
Arcadis	Archaeologist	2	4
Lakvold Group	Abstractor	1	1
NDS	Clerical	1	7
NDS	Senior Technician	1	3
NDS	Technician	2	14
NDS	Professional	1	10

14. ORGANIZATIONAL CHART

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13.

if applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.

It is acceptable to use an 11x17 format for Section 14.



TRAFFIC TEAM

Ari Deitch, PE, PTOE, PTP, RSP *
Senior Traffic + Safety Engineer

Jose M. Rodriguez, RSP
Senior Safety Analyst

Kester Hollier, PE, PTOE *
Senior Traffic Engineer

Luis Velasquez, PE *
Senior Transportation Engineer

Skyler Waaso, PE, PTOE *
Senior Traffic Engineer

Max Aguirre, PhD, PE, RSP *
Traffic + Safety Engineer

Justin Maderia, PE, PTOE, PTP *
Noise + Air Expert

CIVIL ENGINEERING TEAM

Gregory J. Bloss, PE
Senior Project Manager

Kye Cantey, PE
Project Manager

ENVIRONMENTAL TEAM

Jan Hughes
Senior NEPA Specialist

Caleb Fontenot
Senior Geologist

Jason Morrell, PWS
Senior Ecologist

Crista Haag
Archeologist

Tegan Baiocchi
Environmental Scientist

Lauren Bolstad
Environmental Specialist

DATA COLLECTION TEAM

Kevin Deal
Chief Operations Officer

Gustavo Clavijo
South Central Regional Master

Tyler Shaw
Assistant Operations Manager

Anthony Troung
Senior Data Analyst

PLANNING TEAM

Heather Klingman, PE
Principal-in-Charge, Public-Sector Lead

Joseph Marino, Jr., PE
Associate + Project Lead

Angela Lemoine-Lakvold, MAI, SRA, R/W-AC, MBA
State Certified Real Estate Appraiser

SURVEY TEAM

Cory MacMenamin, PLS
Survey Lead

Nathan Reaux, PLS
Survey Project Manager

Martin Frisard, III
Party Chief

Brad Villemuer
Senior CAD Designer

15. MINIMUM PERSONNEL REQUIREMENTS

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR.

MPR (as stated in advertisement)	Personnel being used to meet the MPR	Firm Employed By	Type of License/ Certification Required	State of License	License/Certification Expiration Date
1. At least one (1) principal of the prime consultant shall be a registered professional engineer in the State of Louisiana	Heather R. Klingman, PE	DDG	Professional Engineer # 0031519	LA	03/31/2023
2. At least one (1) principal or other responsible member of the prime consultant shall be currently registered in Louisiana as a professional engineer in civil engineering.	Joseph Marino, Jr., PE	DDG	Professional Engineer #0036783	LA	03/31/2024
3. At least one (1) principal or responsible member of the prime consultant shall be a professional civil engineer, registered in the state of Louisiana, and shall have a minimum of five (5) years of experience in responsible charge of the preparation of roadway plans.	Joseph Marino, Jr., PE	DDG	Professional Engineer #0036783	LA	03/31/2024
4. At least one (1) principal or responsible member of the prime consultant shall have a minimum of five (5) years of experience in the field of National Environmental Policy Act (NEPA) documentation for FHWA, including Categorical Exclusions and Environmental Assessments.	Jan Hughes	Arcadis	Anthropology	LA	N/A
5. At least one (1) Principal Investigator who meets the Archaeologist Qualifications and possesses a minimum of five (5) years of experience in Section 106 documentation.	Crista Haag	Arcadis	Archeologist	LA, TX	N/A

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

Firm Employed By				DDG			
Name		Heather R. Klingman, PE		Years of Experience with This Firm/Employer		21 Years	
Title		Principal-in-Charge / Public Sector Lead		Years of Experience with Other Firm(s)/Employer(s)		1 Year	
Degree(s) / Years / Specialization			Bachelors of Civil Engineering, 1999, University of Southwestern Louisiana				
Active Registration Number / State / Expiration Date			Professional Engineer License No. 0031519 / LA / 03.31.2023				
Year Registered		2004		Discipline		Civil Engineering	
Contract Role(s) / Brief Description of Responsibilities			Mrs. Klingman has been a member of the DDG team since December of 2001. She joined the firm as an Engineer Intern and began working with DDG's large retail sector clients. She uses her broad range of experience to expand the reach of our actively growing public sector engineering program. She has been responsible for an abundance of projects, most of which include the design of sewer collection systems, potable water distribution systems, drainage systems, stormwater management systems, design of new roadways, roadway widenings, and infrastructure improvements/rehabilitations. Due to her public sector experience, Heather has become DDG's state and federal funding expert; she has an extensive knowledge base of the requirements unique to state and federal grant funded projects.				
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).					
06/11 - 06/14		LADOTD - US HWY 51-X, Right Turn Lane at JCT LA 22; Ponchatoula, LA Engineer of Record. The project consisted of the design of a right turn lane from Hwy 22 onto US 51 to accommodate an increase in traffic from retail developments along US 51. The turn lane was designed to LA DOTD standards, and the design also included improvements to the existing drainage system by installing additional catch basins along the turn lane where necessary and striping in accordance with LA DOTD guidelines.					
02/11 - 09/16		City of Thibodaux - Hwy 20 (North Canal Boulevard) Widening; Thibodaux, LA Engineer of Record. DDG worked with the City of Thibodaux and LA DOTD to meet the demands of traffic needs of the city with the repair and widening of North Canal Boulevard. DDG was responsible for the design of approximately 6,000 feet of roadway to be widened from two lanes to four lanes. The project included numerous left turn lanes in order to provide access to businesses and maintains a steady traffic flow. The project had multiple design constraints that required coordination activities for drainage design, utility relocations, signalization at intersections, pedestrian, and biking access.					
02/14 - 01/19		City of Thibodaux - Traffic Signal Upgrades at Canal and 7th Street; Thibodaux, LA Engineer of Record. DDG is working with DOTD and LA Transportation Research Center to upgrade the intersection by adding two left turn lanes on Canal Boulevard and replacing the existing pre-timed traffic signals with fully actuated traffic signals at the intersection.					
06/15 - 07/19		Burbank and Lee Investors - West Lee Improvement Coordination; Baton Rouge, LA Engineer of Record. DDG is overseeing the design of approximately 2,500 linear feet of asphalt roadway with cement stabilized subgrade, combination curb and gutter, and related drainage work. Roadway is to be constructed to support future commercial development.					
Q1/18 - Q4/18		2018 City of Thibodaux Roadway Improvements; City of Thibodaux, Thibodaux, LA Engineer of Record. Lead Eng./Designer. This project included the evaluation and subsequent rehabilitation of six streets, approximately 6,500 linear feet of roadway, within the limits of the City of Thibodaux. DDG's services include evaluating the deficiencies of the existing streets, coordinating with the geotechnical sub-consultant for core samples within the existing streets to determine the subsurface characteristics of the roadways, making recommendations for improvements to the streets based on the initial evaluation and the information obtained from the geotechnical report, coordinating with the survey sub-consultant for the required topographic survey, and preparing the construction drawings and specifications for the project.					
		*Continued on the following page					

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

Firm Employed By				DDG			
Name		Heather R. Klingman, PE (continued)		Years of Experience with This Firm/Employer		21 Years	
Title		Principal-in-Charge / Public Sector Lead		Years of Experience with Other Firm(s)/Employer(s)		1 Year	
Degree(s) / Years / Specialization			Bachelors of Civil Engineering, 1999, University of Southwestern Louisiana				
Active Registration Number / State / Expiration Date			Professional Engineer License No. 0031519 / LA / 03.31.2023				
Year Registered		2004		Discipline		Civil Engineering	
Contract Role(s) / Brief Description of Responsibilities			Mrs. Klingman has been a member of the DDG team since December of 2001. She joined the firm as an Engineer Intern and began working with DDG's large retail sector clients. She uses her broad range of experience to expand the reach of our actively growing public sector engineering program. She has been responsible for an abundance of projects, most of which include the design of sewer collection systems, potable water distribution systems, drainage systems, stormwater management systems, design of new roadways, roadway widenings, and infrastructure improvements/rehabilitations. Due to her public sector experience, Heather has become DDG's state and federal funding expert; she has an extensive knowledge base of the requirements unique to state and federal grant funded projects.				
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).					
2009 - 03/2010		Thibodaux Roundabout - Stage 0; City of Thibodaux; Thibodaux, LA Project Manager. The purpose of this study was to determine the feasibility of modifying the existing intersection at Jackson Street and Canal Boulevard to accept the proposed public street from Canal Boulevard to the West Thibodaux By-Pass Road (Hwy 3185), as well as to improve the current levels of service and safety to the existing intersection. The study analyzed seven different alternatives to provide a safe and efficient intersection. The study recommended the project proceed to Stage 1 Planning/Environmental with the roundabout option.					
12/13 - 07/14		Lafourche Parish Roads Overlay; Lafourche Parish, LA Project Manager. DDG worked with the Lafourche Parish Government to assess the integrity of numerous roadways throughout the parish. DDG provided a detailed assessment of these roadways which included a recommendation for repair, reconstruction, overlay, or improvement. Based on available funds, 21 roadways within Lafourche Parish were found to be in need of improvement. These improvements includes asphaltic concrete patch work, overlay, and new asphalt pavement over cement stabilized base. The project also included some drainage improvements.					
2021 - On Going		Canal Boulevard Bridge Design; Thibodaux, LA Project Manager. DDG was contracted to provide professional design services for the replacement of the existing Bayou Lafourche/Canal Boulevard Bridge. The existing bridge is to be demolished and replaced with a new pre-cast concrete slab-span bridge with concrete piles and bents. It is anticipated that the new north-bound and south-bound bridge structures will remain separate. Pedestrian access and lighting will also be provided.					
2014 - 2016		Galliano Bridge Inspection and Repair; Galliano, LA Project Manager. This project consists of the removal and replacement of the existing west approach for the existing pontoon bridge. The replacement includes a new steel sheet pile bulkhead, a new double reinforced concrete approach slab with sidewalks, and a guardrail for pedestrian use.					
2011 - 2012		LA 24 Sidewalk Enhancement/Mariette Place to Royce Street (DOTD Funded); Gray, LA CAD Technician. Working closely with LA DOTD, DDG was responsible for the design and preparation of plans and specifications for a Transportation Enhancement Project by installing a new sidewalk from Mariette Place to Royce Street, approximately 1.1 miles in length. The sidewalk is concrete, 5 feet wide, and is intended to provide a safer means of walking and biking for residents.					

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

Firm Employed By		DDG	
Name	Joseph Marino, PE	Years of Experience with This Firm/Employer	9 Years
Title	Associate + Project Lead	Years of Experience with Other Firm(s)/Employer(s)	6 Years
Degree(s) / Years / Specialization		Bachelor in Civil Engineering, Louisiana State University, 2007	
Active Registration Number / State / Expiration Date		PE. 0036783 / LA / 03.31.2024	
Year Registered	2011	Discipline	Civil Engineering
Contract Role(s) / Brief Description of Responsibilities		Mr. Marino leads DDG's Civil Engineering team in Lafayette and has over a decade of experience practicing civil engineering in south Louisiana. With a broad range of experience, his main focus has been site development for the past 8 years. The types of projects range from 100+ acre mixed-used developments and large scale residential developments to small (less than 1 acre) single-tenant sites. A deep knowledge of the industry was gained through each project's own unique characteristics. This entails permitting with multiple authorities (e.g. USACE, LA DEQ, LA DHH, LADOTD, and Municipalities), drainage analysis, earthwork analysis, floodplain analysis, and roadway design. As technologies advance so does his experiences. Currently, he is utilizing AutoCAD Civil 3D to analysis stormwater, earthwork, and floodplains.	
Experience Dates (mm/yy - mm/yy)	Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
10/21 - 02/22	Louisiana Ave @ I-10 Mixed-Use Development <i>Senior Project Manager.</i> DDG is providing conceptual master planning, site investigation, and preliminary engineering design assistance for this 30-acre site. The site is home to two large stormwater management areas (8 acres total) which offset both increase stormwater discharge rates and floodplain mitigation.		
01/20 - 03/21	Downtown Lafayette Sanitary Sewer Improvements <i>Senior Project Manager.</i> DDG will prepare development plans, assist with permitting and bidding, and provide construction observation and closeout services for a sanitary sewer lift station and sewer force main extension on East 2nd Street in downtown Lafayette. The design will include a +/- 210 LF 12" fusible PVC sanitary sewer gravity line, a 500 gallons per minute sanitary sewer lift station and a +/- 1,370 LF 8" ductile iron or polyethylene sanitary sewer force main. Two bores are required. One under the railroad and the other under Evangeline thruway.		
10/13 - 06/16	Ambassador Town Center: Public Roadway Drainage, Private Drainage, and On-Site Detention <i>Senior Project Manager.</i> This project nestled near the heart of Lafayette consisted of +/- 124 acres surrounded by a nearly fully developed environment. The project involved a mixed-use of retail and commercial stores which required new public roadway infrastructure and an on-site detention system which would accommodate the two phases of planned development. A combination of DOTD's hydraulic manual, the Lafayette Consolidated Stormwater Guidelines, LA DOTD HydrWin software, and AutoCAD Civil3D was used to analyze the entire sites stormwater. The site had to be analyzed with two separate outfalls one of which was taking on a large amount of offsite stormwater. After the analysis was the complete the calculations required a nine acre detention pond.		
04/14 - 01/18	Highland Oaks Subdivision: Public Roadway Drainage/Conveyance, On-Site Detention Pond <i>Senior Project Manager.</i> Highland Oaks is a +/- 72 acre single family residential subdivision situated in Gray, LA. At the point of final build-out, 239 lots will have been completed. The site is situated between Hwy 316 and the Hollywood Canal. The drainage analysis had to account for another +/- 12 acres being routed through the detention system. LADOTD Hydraulics Manual, LADOTD HydrWin software, and AutoCAD Civil 3D HydraFlow and Stormsewers were used to design the on-site public roadway sub-surface system and detention pond. A large portion of the site was situated within an existing flood zone therefore the ponds size needed to be accommodate mitigated fill placed within the flood zone. The sites two ponds totaled approximately 16 acres. Due to the sites proximity to the existing canal, a HEC-RES model was analyzed to determine the canals different storm stages and how the detention ponds interacted with the different tailwater elevations. A multi-stage weir was incorporated into each ponds design in order to control the discharge rate of multiple storm events from the site.		

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

Firm Employed By				DDG			
Name		Gregory Bloss, PE		Years of Experience with This Firm/Employer		7 Years	
Title		Senior Project Manager		Years of Experience with Other Firm(s)/Employer(s)		2 Years	
Degree(s) / Years / Specialization				Bachelor in Civil Engineering, Louisiana State University, 2012			
Active Registration Number / State / Expiration Date				PE. 0041167 / LA / 03-31/2023			
Year Registered		2016		Discipline		Civil Engineering	
Contract Role(s) / Brief Description of Responsibilities				Mr. Bloss is a Senior Civil Engineering Project Manager in DDG's Lafayette office. He has experience working with and managing both public and private projects in south Louisiana including interstate design-builds, streetcar expansions, commercial projects, and residential developments. Greg's project management responsibilities include project due diligence and site assessment, design and plan preparation, permitting with the authorities having jurisdiction, and construction administration.			
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).					
12/13 - 10/17		Ambassador Town Center <i>Project Engineer.</i> The 124 acre development consisted of approximately 58 acres of commercial development composed of retail and restaurant use. The project included four new public streets throughout the development totaling 2 miles including construction of a new round-a-bout. All roadways were dedicated to the city along with the public utilities. In addition to these on-site public streets, there were substantial off-site roadway improvements required to both Kaliste Saloom Road and Ambassador Caffery Parkway.					
06/20 - Ongoing		Moncus Park, Phase II <i>Senior Project Engineer.</i> DDG is providing civil engineering and landscape architecture services for the 100+ acre park. Civil engineering components include grading, drainage, and sewer infrastructure design. Sewer infrastructure consists of a new lift station, forcemain, and gravity lines. Construction is slated to begin by the end of Q1 2021 and has a \$4.8 M construction budget.					
11/20 - Ongoing		Bayou Tortue Bridge Replacement <i>Senior Project Engineer.</i> DDG is providing civil design for the replacement of an existing bridge crossing Bayou Tortue. DDG is coordinating topographic survey, hydrologic studies and development of construction plans and specifications.					
12-20 - Ongoing		North St. Antoine Street <i>Senior Project Engineer.</i> As part of the design for the Lafayette Consolidated Government's North St. Antoine Extension Project in north Lafayette, two new road crossings over two existing drainage laterals are required within the limits of the alignment of this new 1.5 mile concrete curb and gutter roadway.					

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

Firm Employed By				DDG	
Name		Kye Cantey, PE		Years of Experience with This Firm/Employer	
Title		Project Manager		Years of Experience with Other Firm(s)/Employer(s)	
Degree(s) / Years / Specialization		Bachelor in Civil Engineering, University of Southwestern Louisiana, 1999			
Active Registration Number / State / Expiration Date		PE.0031023 / LA / 03.31.2024			
Year Registered		2004		Discipline	
		Civil Engineer			
Contract Role(s) / Brief Description of Responsibilities		As a design engineer in the Lafayette office, Kye Cantey has worked on numerous roadway, multi-use paths, recreation parks, utility (lift stations, gravity and force main sewer, water, etc.) , infrastructure, and drainage projects in Lafayette, St. Martin, St. Mary, and Iberia Parishes, City of Broussard, City of Carencro and more. As design engineer, he is responsible for preparation of plans and specs and also the bidding and construction phases of these projects.			
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
2014 - Present		City of Broussard Main Street Improvements <i>Project Manager.</i> Design and preparation of construction plans and specifications for a multi-use path in Broussard along Main St (La 182) from South Bernard to Clara. Final plan preparation included horizontal and vertical alignment of the path, drainage design including storm drain, quantity calculations, typical sections, and project cost opinions.			
2003 - 2015		St. Martin Parish Roadway Improvements, Phase 1, 2, 3 <i>Project Manager.</i> Design and preparation of construction plans and specifications for several roads throughout the parish. Final plan preparation included horizontal and vertical alignment of roadways., quantity calculations, and project cost opinions. These projects included new construction, reconstruction, patch and overlay, and sealing of asphalt concrete roadways.			
2013 - 2015		St. Julien Park <i>Project Manager.</i> Design and preparation of construction plans and specifications for a recreation park in Broussard. Final plan preparation included horizontal and vertical alignment of the road and path, drainage and detention design including curb and gutter and storm drain, sewer design, quantity calculations, typical sections, and project cost opinions.			
2008 - 2010		Solid Waste Disposal Facilities, Pickup Station Road Improvements, Phases 1, 2, 3 <i>Project Manager.</i> Design and preparation of construction plans and specifications for an access ramp and transfer station site at a disposal facility. Final plan preparation included horizontal and vertical alignment of the roadway, grading plan, typical sections, quantity calculations, and project cost opinions.			
2006 - 2010		Improvements to Thorguson Road <i>Project Manager.</i> Design and preparation of construction plans and specifications for Thorguson Road in St. Mary Parish. Final plan preparation included horizontal and vertical alignment of the roadway and bridge, typical sections, quantity calculations, and project cost opinions. The project included reconstruction of an existing road and a bridge replacement.			

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

Firm Employed By				DDG			
Name		Tiffany Hammond		Years of Experience with This Firm/Employer		1 Year	
Title		Senior Environmental Scientist		Years of Experience with Other Firm(s)/Employer(s)		14 Years	
Degree(s) / Years / Specialization				Bachelor in Earth and Environmental Science			
Active Registration Number / State / Expiration Date				N/A			
Year Registered		N/A		Discipline		N/A	
Contract Role(s) / Brief Description of Responsibilities				Tiffany is a project manager and geomorphologist with over 14 years of experience in the public, private and academic sector. She is a professional scientific communicator and given presentations across the United States on nearly all facets of wetland science at National Conferences, Universities, local schools and as a guest speaker at an array of public and private events. She is an expert in mitigation plan development and implementation, watershed implementation plan development and implementation, coastal use permits, hydrologic modification impact analysis, water quality and coastal restoration.			
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).					
10/16 - 11/22		Louisiana Mitigation Bank * Involved in the acquisition, permitting, design, implementation, management, field operations and/or long-term stewardship and maintenance of the following mitigation banks, PRM sites and CSR project sites with varying habitat types and regulatory requirements					
10/16 - 11/22		Pine Savanna Management * Served as the regulatory and technical lead over 4,500 acres of various pine savanna habitats. She was responsible for permitting and designing all new sites, monitoring, and conducting compliance checks.					
01/17 - 11/22		Pine Savanna and Bottomland Hardwoods Reforestation * Served as the regulatory and technical lead over a 620.9-acre pine savannah and bottomland hardwood forest mixed mitigation bank. She was the site manager, supervised site construction, and acted as a liaison with the regulatory agencies, and managed monitoring and maintenance activities.					
03/18 - 11/22		Bayou Terrebonne Biodiversity + Resiliency CSR Projects * Served as the regulatory lead in developing a proposal for both projects for a client. One project was a planting in the Pointe-aux-Chene Wildlife Management Area, which encompassed the planting of 31,000 bald-cypress trees. The second project included permitting, designing, monitoring and maintenance of 9,000 linear feet of earthen terrace within a 50-acre project foot print.					

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

Firm Employed By				DDG		
Name		Cory MacMenamin, PLS		Years of Experience with This Firm/Employer		3
Title		Surveying Division Lead		Years of Experience with Other Firm(s)/Employer(s)		23
Degree(s) / Years / Specialization			Associates in Land Surveying, Community College of Southern Nevada, 2008 Bachelors in Business Management, Southeastern University, 2019 Survey and Mapping, University of Wyoming, 2020			
Active Registration Number / State / Expiration Date			Professional Land Surveyor No. 0005269 / LA / 03.31.2024			
Year Registered		2021	Discipline		Surveying	
Contract Role(s) / Brief Description of Responsibilities			Survey Manager. Cory manages the surveying team and reviews all deliverables for quality assurance and quality control to ensure the highest level of client satisfaction. With over 25 years of experience, Cory has vast knowledge of many different survey methods and has performed surveys all across the Gulf South. As technology continues to advance, Cory keeps DDG at the forefront and utilized the best technologies such as GPS, Remote Sensing, Robotic Total Station, and Scanning Stations, and drones to collect the accurate and precise data.			
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).				
09/19 - 02/20		Belfleur Road Extension; Phase 6 - Rouzan - Residential Development; Baton Rouge, LA Survey Lead. Topographic survey. Boundary Survey. Project included 612 LF of new roadway and sidewalks for this mixed-use development.				
01/20 - 04/20		FTA Program - Ponchatoula Pedestrian Improvements - Tangipahoa Parish Government; Ponchatoula, LA Survey Lead. Topographic Survey. Project consisted of 600 LF of sidewalk modifications and installations of new sidewalks along the west side of South Railroad Ave; 1000 LF of sidewalk modifications and widening along the south side of West Magnolia Street; 2000 LF of sidewalk installation and modifications along the west side of South 71th Street; 150 LF of sidewalk installation along the north side of West Cypress Street; all improvements required permitting through LADOTD				
01/20 - 09/20		1-49 South: Ambassador Caffery & US 90 Interchange (DOTD# 4400004666); Lafayette, LA Survey Lead. Survey work included collection of topographic and boundary information for design and acquisition of right of way for interchanged improvements.				
03/20 - 09/20		D.R. Horton - Lakeshore Village Subdivision, Phase 6, 9, 10 & 11; Slidell, LA Survey Lead. Topographic survey, boundary survey, water bottom scans. Project included ±26,000 LF of new roundabout, roadway and sidewalks for Lakeshore Blvd East in this mixed-use development in Slidell.				
04/20 - 06/20		Louisiana Highway 22 Near I-10 - SPN: H.011314; Lafayette, LA Survey Lead. Topographic Survey & Right of Way Mapping. Project included calculations for setting right of way monuments and preparation of right of way monument maps for recordation.				
07/19 - 09/20		1-49 South: Connector (DOTD# 4400004666); Lafayette, LA Survey Lead. This survey work includes the collection of topographic information including specific and detailed drainage information through the existing dense and congested Highway 90 corridor. DDG's scope of work included surveying approximately 3 miles of Highway 90 from Interstate 10 south to East Taft Street. This survey also included numerous side streets and adjacent developed areas as required not only to facilitate geometric improvements design, but also subsurface drainage data collection to facilitate numerous drainage improvements throughout the corridor.				

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


Firm Employed By		DDG	
Name	Nathan Reaux, PLS	Years of Experience with This Firm/Employer	4
Title	Survey Project Manager	Years of Experience with Other Firm(s)/Employer(s)	5
Degree(s) / Years / Specialization		Bachelor of Science in Civil Engineering, Florida Atlantic University, 2015 Civil Surveying & Mapping, South Louisiana Community College, 2018 Certified Traffic Control Supervisor, 2/12/20 ; UAS Remote Pilot	
Active Registration Number / State / Expiration Date		PLS.0005278 / Louisiana / 09.30.2024	
Year Registered	2022	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Surveying Crew Chief. Nathan has practiced surveying for over five years throughout Louisiana, Texas, Georgia, Alabama, and Mississippi on projects ranging from topographic, boundary, corridor, and river bed surveys to dimensional analysis, pipeline location, and construction staking.	
Experience Dates (mm/yy - mm/yy)	Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
02/20 - 02/20	Belfleur Road Extension & Perkins Road; Phase 6 - Rouzan - Mixed Use Development; Baton Rouge, LA Survey Crew Chief. Topographic survey. Boundary Survey. Project included 612 LF of new roadway and sidewalks for this mixed-use development.		
03/20 - Current	Lakeshore Village Subdivision, Phase 6, 9, 10 & 11; Slidell, LA Survey Crew Chief. Topographic survey, boundary survey, water bottom scans. Project included ±26,000 LF of new roadway and sidewalks for Lakeshore Blvd East in this mixed-use development in Slidell.		
01/20 - 04/20	FTA Program - Ponchatoula Pedestrian Improvements - Tangipahoa Parish Government; Ponchatoula, LA Survey Crew Chief. Topographic Survey. Project consisted of 600 LF of sidewalk modifications and installations of new sidewalks along the west side of South Railroad Ave; 1000 LF of sidewalk modifications and widening along the south side of West Magnolia Street; 2000 LF of sidewalk installation and modifications along the west side of South 71th Street; 150 LF of sidewalk installation along the north side of West Cypress Street; all improvements required permitting through LADOTD		
2019 - 2020	1-49 South: Ambassador Caffery & US 90 Interchange (DOTD# 4400004666); Lafayette, LA Survey Crew Chief. Topographic Survey & Right of Way Mapping		
05/20 - 06/20	2020 Roadway and Pedestrian Improvements Projects - City of Thibodaux; Thibodaux, LA Survey Crew Chief. Short Description. Aerial photography and topographic survey. Project included roadway, drainage, and pedestrian improvements on Bayou Lane.		
04/20 - 06/20	Louisiana Highway 22 Near I-10 - SPN: H.011314; Lafayette, LA Survey Crew Chief. Topographic Survey & Right of Way Mapping. Project included calculations for setting right of way monuments and preparation of right of way monument maps for recordation.		
09/18	City of Broussard - 2018 Street Overlay; Broussard, LA Survey Crew Chief. Topographic survey.		
07/19 - 09/20	1-49 South: Connector (DOTD# 4400004666); Lafayette, LA Survey Crew. This survey work includes the collection of topographic information including specific and detailed drainage information through the existing dense and congested Highway 90 corridor. DDG's scope of work included surveying approximately 3 miles of Highway 90 from Interstate 10 south to East Taft Street. This survey also included numerous side streets and adjacent developed areas as required not only to facilitate geometric improvements design, but also subsurface drainage data collection to facilitate numerous drainage improvements throughout the corridor.		

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

Firm Employed By		DDG	
Name	Martin Frisard, III	Years of Experience with This Firm/Employer	3
Title	Party Chief	Years of Experience with Other Firm(s)/Employer(s)	7
Degree(s) / Years / Specialization		n/a	
Active Registration Number / State / Expiration Date		n/a	
Year Registered	n/a	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Surveying Crew. Martin has over 10 years of experience working on a surveying crew. He provides direct support to the Survey Crew Chief and has assisted in many different types of surveys throughout Louisiana ranging from topographic and boundary to pipeline location and construction staking.	
Experience Dates (mm/yy - mm/yy)	Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
	DUPLANTIS DESIGN GROUP EXPERIENCE Belfleur Road Extension & Perkins Road; Phase 6 - Rouzan - Mixed Use Development; Baton Rouge, LA Survey Crew. Topographic survey. Boundary Survey. Project included 612 LF of new roadway and sidewalks for this mixed-use development. Lakeshore Village Subdivision, Phase 6, 9, 10 & 11; Slidell, LA Survey Crew. Topographic survey. Project included ±26,000 LF of new roadway and sidewalks for Lakeshore Blvd East in this mixed-use development in Slidell. 1-49 South: Connector (DOTD# 4400004666); Lafayette, LA Survey Crew. This survey work includes the collection of topographic information including specific and detailed drainage information through the existing dense and congested Highway 90 corridor. DDG's scope of work included surveying approximately 3 miles of Highway 90 from Interstate 10 south to East Taft Street. This survey also included numerous side streets and adjacent developed areas as required not only to facilitate geometric improvements design, but also subsurface drainage data collection to facilitate numerous drainage improvements throughout the corridor. 1-49 South: Ambassador Caffery & US 90 Interchange (DOTD# 4400004666); Lafayette, LA Survey Crew. Topographic Survey & Right of Way Mapping. Lafourche Conservation Levee & Drainage District, Rienzi Drainage Study; Thibodaux, LA Survey Crew. Topographic Survey. Provided survey to assist with additional investigations of drainage area study. Bayou Lafourche Freshwater District, Weir Removal Project; Thibodaux, LA Survey Crew. Topographic Survey and bathymetric survey Lafayette Consolidated Government, Bayou Tortue Road Bridge Replacement; Lafayette, LA Survey Crew. Topographic Survey & Right of Way Mapping. City of Thibodaux - Rienzi Place Addendum #2, Phase 4; Thibodaux, LA Survey Crew. Bathymetric survey for drainage study utilizing single beam echo sounder and a shallow draft mud boat for subdivision design. Post processing was completed using Trimble Business Center after data was processed it was exported to Civil 3D for DTM creation.		

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


Firm Employed By				DDG	
Name		Brad Villemuer		Years of Experience with This Firm/Employer	
				2	
Title		GIS/CAD Survey Technician		Years of Experience with Other Firm(s)/Employer(s)	
				11	
Degree(s) / Years / Specialization			Certificate of Technical Studies, Delgado Community College, 2015		
Active Registration Number / State / Expiration Date			N/A		
Year Registered		N/A		Discipline	
				Surveying/Civil Engineering	
Contract Role(s) / Brief Description of Responsibilities			Lead CAD Technician. Brad provides CAD support DDG's surveying division. He has 12 years of experience drafting in Autocad, as well as, in Microstation for La DOTD projects. Mr. Villemuer has worked in architectural, structural, and civil environments in CAD with projects that have been located all over the country and coordinated with teams stationed all over of the world.		
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
03/20 -Current		1-49 South: Ambassador Caffery & US 90 Interchange (DOTD# 4400004666);Lafayette, LA GIS/CAD Survey Technician. Lead drafter on right of way maps and residual map.			
01/20 -04/20		Ponchatoula Pedestrian Improvements - Tangipahoa Parish Government; Ponchatoula, LA Lead GIS/CAD Survey Technician. Lead drafter on the topographic survey plats. Project consisted of 600 LF of sidewalk modifications and installations of new sidewalks along the west side of South Railroad Ave; 1000 LF of sidewalk modifications and widening along the south side of West Magnolia Street; 2000 LF of sidewalk installation and modifications along the west side of South 71th Street; 150 LF of sidewalk installation along the north side of West Cypress Street; all improvements required permitting through LADOTD			
04/20 -07/20		Louisiana Highway 22 Near I-10 - SPN: H.011314; Lafayette, LA Lead GIS/CAD Survey Technician. Lead drafter on the right of way maps			
02/20 -02/20		Belfleur Road Extension; Phase 6 - Rouzan - Mixed Use Development; Baton Rouge, LA Lead GIS/CAD Survey Technician. Revision to drawings to produce final plats. Project included 612 LF of new roadway and sidewalks for this mixed-use development in Baton Rouge			
03/20 - Current		Lakeshore Village Subdivision, Phase 6, 9, 10 & 11; Slidell, LA Lead GIS/CAD Survey Technician. Lead drafter on topographic survey, tentative, preliminary, and final subdivision plats. Project included ±26,000 LF of new roadway and sidewalks for Lakeshore Blvd East in this mixed-use development in Slidell.			

Firm employed by		ARCADIS	
Name	Ari Deitch, PE, PTOE, PTP, RSP	Years of relevant experience with this employer	8
Title	Senior Traffic and Safety 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	
Year registered	2017	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Task Order Manager, Traffic Modeling and Studies, Safety	
Experience dates	Experience and qualifications relevant to the proposed contract		
	<p>Mr. Deitch is a Senior Traffic Engineer and <u>Project Manager specializing in traffic engineering studies and design, traffic safety, transportation management, and conceptual roadway design.</u> 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 <u>intersection and corridor studies, signal warrant analysis, access management, pedestrian and bicycle improvements, complete streets, transportation management plans, Stage 0 feasibility studies, NEPA studies, signal design, and signing and marking design.</u> He has experience with traffic analysis software's and methods and is proficient in Highway Capacity Software, Synchro, Vistro, Vissim, Sidra and MicroStation software. Mr. Deitch has completed the LADOTD Traffic Engineering Process and Report Training.</p>		
02/15 – 09/18	<p>Traffic Engineering IDIQ - US 71 Corridor - Phase II and III Traffic and Safety Corridor Study, LADOTD, Rapides Parish, LA. <i>Project Manager.</i> Responsible for overseeing and managing project tasks including traffic data collection, signal warrant analysis, traffic analysis, crash analysis, alternative and countermeasure development, predictive safety analysis, and conceptual drawings.</p>		
08/19 – 02/20	<p>Traffic Engineering IDIQ - US 61 Access Management and Corridor Study, LADOTD, East Baton Rouge Parish, LA. <i>Senior Traffic Engineer.</i> 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. Provided technical oversight for traffic analysis using Highway Capacity Software 7, signal warrant analysis, and predictive safety analysis. Assisted with the development of construction cost estimates and benefit-cost analysis.</p>		
02/15-01/18	<p>Traffic Engineering IDIQ - LA 3105 (Green Acres to LA 72) Corridor Study, LADOTD, Bossier Parish, LA. <i>Traffic Engineer.</i> Responsible for development/evaluation of existing and future year conditions using a calibrated microsimulation model (Vissim). Designed alternatives for phased implementation based on identified needs and input from local stakeholders including medians, restricted intersections, roundabouts, roadway widening, and signal timing enhancements.</p>		
04/19 – 12/19	<p>Traffic Signal Design IDIQ - EBR Signal Upgrades and Design Plans, LADOTD, East Baton Rouge Parish, LA. <i>Traffic Engineer of Record.</i> Responsible for supervisory tasks and oversight of this project involving field signal inventory and the creation of updated signal design plans and quantities for 39 intersections in East Baton Rouge Parish.</p>		
04/16 – 09/18	<p>Safety Studies IDIQ - New Orleans Pedestrian Stage 0 Safety Feasibility Study, LADOTD, Orleans Parish, LA. <i>Project Manager.</i> Responsible for assessing existing and future safety deficiencies related to pedestrian and bicycle modes and selecting safety countermeasures for 20 high-risk locations. Developed design drawings for proposed short-term and long-term improvement phases and conducted benefit-cost analysis to inform project prioritization. Conducted safety analysis using Highway Safety</p>		


	Manual predictive methods. Organized and lead project stakeholder meetings to review alternatives, obtain feedback, and develop context sensitive solutions . Completed Stage 0 documentation including Preliminary Scope and Budget and Environmental Checklists for all 20 intersections.
07/14 – Ongoing	Pete's Highway Traffic Study and Environmental Assessment, LADOTD, Denham Springs, LA. Traffic Engineer. 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.
02/15 – 11/17	Traffic Engineering IDIQ - Intersection Feasibility Study - Evangeline Thwy, Johnston St, & Louisiana Ave, LADOTD, Lafayette Parish, LA. Traffic Engineer: Responsible for review of existing crash data, traffic operations analysis, signal warrant 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.
11/20 – Ongoing	I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. Senior Traffic Engineer: Responsible for wide range of traffic engineering tasks including development of permanent signing plans, traffic operations analysis, 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.
08/14 – 06/15	Safety Studies IDIQ - LA 3235 Stage 0 Safety Feasibility Study, LADOTD, Lafourche Parish, LA. Traffic Engineer. Responsible for review of existing crash data and traffic operations analysis , development of safety countermeasures , conceptual drawings, signal warrant analysis and timing plans , and Stage 0 documentation . Purpose of the project was to develop access management strategies and roadway improvements that will maintain and improve mobility, improve safety, support existing and future development along the LA 3235 corridor. Safety performance of alternatives was estimated using Highways Safety Manual predictive methods .
04/16 – 10/19	Safety Studies IDIQ - I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, LADOTD, East Baton Rouge and Livingston Parishes, LA. Traffic Engineer. Conducted traffic analysis using a calibrated microsimulation model (Vissim) to evaluate the operational performance of HSR and HOV lane alternatives. Developed conceptual drawings and construction cost estimates to evaluate the feasibility of proposed alternatives.
02/17 – 02/18	Safety Studies IDIQ - I-49 Interchange Stage 0 Safety Feasibility Study, LADOTD, Lafayette Parish, LA. Traffic Engineer. Responsible for 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.

Firm employed by		ARCADIS	
Name	Jose M. Rodriguez, RSP	Years of relevant experience with this employer	6
Title	Senior Safety Analyst	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		MS / 2014 / Civil Engineering, LSU BS / 2006 / Civil Engineering, Julio Garavito Colombian Engineering School	
Active registration number / state / expiration date		RSP1 #160 / USA / Exp. 05/2025, RSP2 #12 / USA / Exp. 12/2022	
Year registered	N/A	Discipline	
Contract role(s) / brief description of responsibilities.		Safety	
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Rodriguez specializes in transportation safety and has experience on a wide range of projects including <u>corridor and intersection studies</u> , <u>Stage 0 feasibility studies</u> , Road Safety Assessments, pedestrian and bicycle improvements, and systemic safety evaluation projects. Mr. Rodriguez has extensive experience in crash analysis and the application of <u>Highway Safety Manual Methods</u> including Crash Modification Factors and Safety Performance Functions for local and nonlocal conditions. Mr. Rodriguez develops <u>dynamic web dashboards</u> using Power BI to visualize and organize data analysis results. Mr. Rodriguez has completed Traffic Engineering Process and Report Training.		
03/17 – 09/18	Safety Studies IDIQ - New Orleans Pedestrian Stage 0 Safety Feasibility Study, LADOTD, Orleans Parish, LA. <i>Safety Analyst.</i> Historical crash analysis and safety analyses performed for 20 high priority intersections utilizing the Highway Safety Manual (HSM) 2010 guidelines and Crash Modification Factors (CMFs) from other sources. Analyses include developing build alternatives that address safety and operational issues at each intersection for all road users and developing Stage 0 Checklists and Documentation .		
03/17 – 08/17	Traffic Engineering IDIQ - US 71 Corridor - Phase II Stage 0 Feasibility Study, LADOTD; Rapides Parish, LA. <i>Safety Analyst.</i> Responsible for historical crash analysis to identify trends and safety issues. Assisted with the development of build alternatives to address safety issues and performed HSM predictive safety analysis to estimate the potential reduction in crashes for each alternative. Assisted with the completion of Stage 0 Checklists and Documentation .		
02/15 – 01/18	Traffic Engineering IDIQ - LA 3105 (Green Acres to LA 72) Corridor Study, LADOTD, Bossier Parish, LA. <i>Safety Analyst.</i> Responsible for evaluation of existing safety conditions and application of Highway Safety Manual methods to predict the effectiveness of proposed access management and safety improvements.		
04/14 – 03/16	Highway Safety Manual (HSM) Safety Performance Functions (SPFs) and Louisiana Specific SPFs, LADOTD, Statewide, LA. <i>Safety Analyst.</i> Responsible to calibrate the HSM SPFs based on the HSM recommendations and Statewide crash data and develop the Louisiana Specific SPFs using statistical analyses and procedures recommended by the HSM.		
04/21 – Ongoing	Louisiana Strategic Highway Safety Plan Update, LADOTD, Statewide, LA. <i>Safety Analyst.</i> Responsible to conduct all crash data analysis tasks for the SHSP update , including a statistical analysis of existing emphasis areas and evaluating potential modifications to emphasis areas.		
05/18 – 06/21	Safety Studies IDIQ - Baton Rouge Pedestrian Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA. <i>Safety Analyst.</i> Supported the development and delivery of a Pedestrian and Bicycle Safety Action Plan for the City of Baton Rouge. Responsibilities include completing a review of crash data , identification of priority locations, and creation of targeted safety countermeasures based on roadway type. He was responsible for reviewing the crash data in both		


	<i>(Geographic Information Systems) GIS and PowerBI</i> to determine areas to focus on 10 locations with the most need for pedestrian/bicycle safety improvement. The second phase of the project included conducting <i>Road Safety Audits (RSA's)</i> at the 10 priority locations to <i>identify safety issues and develop feasible alternatives to improve pedestrian and bicycle safety</i> .
03/17 – 10/19	Safety Studies IDIQ - I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, LADOTD, East Baton Rouge and Livingston Parishes, LA. <i>Safety Analyst</i> . Reviewed and summarized the current best practices and safety research information on hard shoulder running experience in the U.S and Europe. Research included shoulder / median width and impacts to safety, desirable lengths for effective hard shoulder running, and <i>CMFs to predict impacts to safety</i> by reducing lane and / or shoulder widths. Produced a high-level technical memorandum that will <i>identify and evaluate feasible alternatives</i> of utilizing existing I-12 shoulders, researching the best practices, analyzing the safety and operational benefits, and determining the likely costs. Evaluated safety based on <i>crash analysis, the HSM predictive methods and the ISATe tool</i> for Freeways. Estimated <i>costs and benefits of operational and safety analysis</i> for proposed alternatives.
03/17 – 02/18	Safety Studies IDIQ - I-49 Interchange Stage 0 Safety Feasibility Study, LADOTD, Lafayette Parish, LA. <i>Safety Analyst</i> . Responsible for the <i>collection and evaluation of historical crash data, screening and selection of available safety improvement strategies</i> that typically include alternative intersection configuration, roundabouts, corridor geometry and lane configuration, and driver awareness improvements. Safety analysis using <i>HSM Predictive Method and IHSDM</i> .
03/17 – Ongoing	Pete's Highway Interchange Alternatives and Environmental Assessment, LADOTD, Denham Springs, LA. <i>Traffic and Safety Analyst</i> . Responsible for methodology development and overview of traffic analyses for a high-priority project. Work involves completing an EA and providing traffic engineering services related to <i>improving operations and safety</i> along Range Avenue at the I-12 interchange. Design alternatives included two split diamond interchange options with roundabout, partial cloverleafs, and collector-distributor road components at both Range Avenue and the next existing, eastern overpass at Pete's Highway (LA 16); and a diverging diamond interchange alternative at Range Avenue. <i>Performed HSM predictive safety analysis</i> to determine the <i>safety benefits of proposed improvements</i> .
02/19 – Ongoing	District 8 Systemic Safety Project, Pedestrians, Ohio Department of Transportation, Columbus, Ohio. <i>Safety Analysts</i> . Responsible for the <i>review of data, including crash, roadway inventory, and demographics</i> . The project required the <i>development of a PowerBI dashboard</i> and use of <i>GIS analytics to review the crash data</i> to determine metrics that were over-represented to locate areas where crashes are occurring, and areas where crashes may not be occurring, but have similar environmental characteristics (i.e., speed limit, lane width, driver or pedestrian age, presence of zero vehicle households, etc.), as where crashes are happening. This will allow the project team to not only develop engineering treatments, but also target areas for enhanced education and enforcement.
08/18 – Ongoing	Local Road Systemic Safety Task Order Contract, ODOT, Statewide. <i>Safety Analyst</i> . Assisted with four concurrent task orders to perform <i>data driven systemic safety analysis</i> for ODOT's current SHP initiative to promote regional safety through systemic safety analysis. Each task order includes data collection / conflation / QA/QC, database management, data evaluation, <i>examining crash history</i> , developing crash trees, identifying focus facilities, <i>identifying risk factors</i> , identifying segments of the network that may be at risk for crashes, <i>identifying and prioritizing safety improvements</i> , and developing online web applications to clearly convey results to stakeholders using ESRI ArcMap and Microsoft PowerBI.

Firm employed by		ARCADIS	
Name	Kester Hollier, PE, PTOE		Years of relevant experience with this employer
Title	Senior Traffic Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2004 / Civil Engineering, Louisiana Tech University	
Active registration number / state / expiration date		PE.034304 / LA / Exp. 03/2023; PTOE #3928 / USA / Exp. 11/2024	
Year registered	2009	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Task Order Manager, Traffic Signal Design & Timing, Traffic Modeling & Studies	
Experience dates		Experience and qualifications relevant to the proposed contract	
		<p>Mr. Hollier possesses a wide breadth of experience in <u>traffic engineering studies and design</u> including <u>feasibility studies</u>, <u>intersection and corridor traffic studies</u>, <u>signal timing and design</u>, <u>roadway design</u>, <u>complete street improvement projects</u>, <u>traffic modeling and analysis</u>, transportation safety, 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.</p>	
11/20 – Ongoing		<p>I-10 CMAR – Traffic Engineering Services, LADOTD, East Baton Rouge Parish, LA. <i>Project Manager</i>. Responsible for traffic engineering tasks including development of permanent signing plans, traffic signal plans, interchange modification reports, and transportation management plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. Extensive historical crash and safety analysis is being performed in support of the IMR and TMP. One critical component of the project is maintaining traffic during the construction of new bridge structures. Multiple scenarios are being evaluated using a calibrated mesoscopic model to determine the impacts during construction and mitigations that will be necessary to minimize delay.</p>	
09/12 – 02/16		<p>Stage 0 Traffic Study and Stage 1 EA for Replacing Belle Chasse Tunnel and Bridge, LADOTD, Plaquemines Parish, LA. <i>Lead Traffic Engineer</i>. Responsible for the feasibility study and traffic analysis along LA 23 (Belle Chasse Highway) between LA 428 (Behrman Highway) and LA 406 (Woodland Highway) for multiple 6-lane bridge alternatives that will be proposed to replace the existing Belle Chasse Tunnel and lift bridge over the Intercoastal Waterway. These alternatives included 3%, 4%, and 5% bridge grades that modified roadway geometry and intersection location. Responsible for the review of the roadway portion and costs for the Line and Grade Study along with the review of the construction sequencing and traffic maintenance of the constructability review.</p>	
11/17 – 07/20		<p>LA 466 (5th Street) Improvements Traffic Study, City of Gretna, Jefferson Parish, LA. <i>Project Manager / Senior Traffic Engineer</i>. Responsible for the traffic study and impacts for the proposed complete streets improvements along the LA 466 corridor between LA 23 and Richard St. in Gretna, Louisiana. Tasks included data collection along the corridor and at designated intersections, safety and crash analysis along the corridor, trip generation/land use and performing existing traffic analysis and future traffic analysis for proposed final alternative. The traffic study was prepared to follow the Louisiana Department of Transportation and Development's Traffic Engineering Process and Report Guidelines. The project also included a stand alone pedestrian study along the corridor at designated intersection and the design of accessible pedestrian signals at signalized intersections.</p>	


12/17 – 11/19	Causeway Boulevard Widening Traffic Study, Jefferson Parish, LA. Project Manager / Senior Traffic Engineer. Responsible for the traffic and safety study for the proposed widening of Causeway Boulevard between Metairie Rd. and West Esplanade Blvd. in Jefferson Parish, LA. Tasks included data collection , traffic volume redistribution, left-turn placement and turn bay storage length, and existing traffic analysis and future traffic analysis of a preferred alternative .
05/14 – 08/20	Causeway Blvd. at Earhart Expwy. Interchange, LADOTD, Jefferson Parish, LA. Senior Traffic 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.
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 .
10/18 – 01/19	LA 22 Traffic Circulation and Corridor Analysis, NORPC, St. Tammany Parish, LA. Senior Traffic Engineer. Responsible for the development of three future alternatives along Northshore Boulevard between I-12 and US 190 in Slidell, LA. Managed the data collection process and peak period observations to determine existing traffic patterns as well as the safety analysis along the corridor. Developed three alternatives that used a combination of traffic signal retiming , J-turns, and roundabouts to provide better access management along Northshore Boulevard as well as improve traffic flow in the corridor for current and proposed future conditions with consideration given to proposed future developments using trip generation and land use analysis.
01/10 – 04/11, 07/13 – 01/14	Stumberg Lane Extension, City of Baton Rouge Green Light Plan, East Baton Rouge Parish, LA. Traffic Engineer. Responsible for the design of new traffic signals at US 61 (Airline Highway) and LA 73 (Jefferson Highway) for the extension of Stumberg Lane in Baton Rouge, LA. Also, responsible for the design and layout of the fiber optic interconnect along the proposed extension.
05/09 – 07/13	LA 23 Widening (Lapalco Blvd. – Engineers Rd.), LADOTD, Jefferson and Plaquemines Parishes, LA. Traffic/Civil Engineer. Responsible for the road design and geometrics for the widening of LA 23 in Jefferson and Plaquemines Parishes between Lapalco Blvd. (LA 428) and Engineers Rd. (LA 3017). Developed traffic analysis for the traffic signal timing and required turn bay lengths at intersections. Developed traffic signing plans , pavement marking layouts and temporary traffic control plans.
10/10 – 07/15	Barriere Road Feasibility Study/Traffic Study, US Department of Defense, Plaquemines Parish, LA. Civil/Traffic Engineer. 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	Luis Velasquez, PE	Years of relevant experience with this employer	7
Title	Senior Transportation Engineer	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		BS / 2012 / Civil Engineering	
Active registration number / state / expiration date		Professional Engineer # PE086996 / PA / Exp. 09/2019 Engineer-in-Training # EIT025542 / GA	
Year registered	2017	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Air Quality/Noise Modeling	
Experience dates	Experience and qualifications relevant to the proposed contract		
	<p>Luis Velasquez is an air quality and noise analyst with 7 years of experience in transportation engineering. His engineering experience includes developing environmental air and noise special studies for a wide variety of roadway and bridge projects. Services included carbon monoxide analysis using CAL3QHC, Mobile Source Air Toxics (MSAT) analysis, PM2.5 review, ozone conformity review and Traffic Noise Model 2.5 (TNM 2.5) analysis. The air analysis also includes a review of conformity to the National Ambient Air Quality Standards (NAAQS) for ozone, nitrogen dioxide, sulfur dioxide, and lead. Experienced performing noise studies in accordance with FHWA Highway Traffic Noise Policy and Guidance and state DOT noise policies.</p>		
12/18 – 05/19	<p>I-40 at I-77 at Interchange Improvements, TIP Project I-3819, Flatiron Contractors, NC. <i>Noise Subject Matter Expert</i> for the proposing Design-Build Team (Flatiron Constructors), reviewing the design noise report as part of the pre-bid tender phase of the project. The noise analysis review completed by Luis, included becoming familiar with the NCDOT Traffic Noise Policy and providing details of the design noise report to the Design-Build Team. The expert review provided by Luis indicated that the design noise report completed back in 2010 did not meet new NCDOT Traffic Noise Policy requirements. A risk assessment workshop was completed with the roadway engineers, noise team, and contractors to determine how best to estimate for new noise barriers along the project limits.</p>		
07/15 – 05/19	<p>I-85 HOT Lane Extension PI# 110600, CW Matthews Contracting Company, Atlanta, GA. <i>Noise Subject Matter Expert</i> for the proposing Design-Build Team (C.W Matthews Contracting) reviewing the noise report as part of the pre-bid tender phase of the project. Provided details of the noise report to the Design-Build Team and coordinated with roadway design engineers for optimal placement of the required noise barriers. Re-designed and optimized the required noise barriers, while still meeting GDOT Noise Policy, and reduced the project total barrier area by an estimated 50,000 square feet, providing an estimated cost savings of \$1.3M to the contractor.</p>		
07/17 – 05/19	<p>I-85 General Purpose Lane Widening. PI# 110610, CW Matthews Contracting Company, Atlanta, GA. <i>Noise Subject Matter Expert</i> for the proposing Design-Build Team (C.W Matthews Contracting) reviewing the noise report as part of the pre-bid tender phase of the project. Re-designed and optimized the required noise barriers, while still meeting GDOT Noise Policy, and reduced the project total barrier area by an estimated 20,000 square feet, providing an estimated cost savings of \$500K to the contractor.</p>		
09/13 – 03/16	<p>I-285 at Riverside Drive, GDOT, Atlanta, GA. <i>Traffic Engineer.</i> Conducted a traffic noise impact assessment for the proposed Interstate 285 at Riverside Drive interchange modification. Project responsibilities included data collection of existing</p>		

	conditions, and traffic noise modeling for existing, no-build and build conditions using TNM 2.5. Identified potential traffic noise impacts based on the proposed interchange configuration, and investigated the feasibility of noise mitigation measure (barriers) including benefit-cost analysis. Compiled all noise analysis and results into narrative reports and figures.
04/14 – Ongoing	I-285 @ GA 400, GDOT, Metro Atlanta, GA. Traffic Engineer. Conducted traffic noise impact assessment for one of Metro Atlanta's most congested interchanges to support a Environmental Assessment, public involvement, and NEPA Re-Evaluation. Performed data collection of existing conditions, and traffic noise modeling for existing, no-build and build conditions using TNM 2.5. Identified potential traffic noise impacts based on the proposed interchange configuration. Investigated the feasibility of noise mitigation measures (sound barriers) including benefit-cost ratios.
12/15 – 11/17	I-16 at I-95 Interchange Reconstruction, I-16 Widening, GDOT, Chatham County, GA. Air and Noise Engineer. Conducted traffic noise impact assessment and air analysis report for the I-16 at I-95 interchange reconstruction and I-16 Widening Project in Savannah, GA. Responsibilities included data collection of existing conditions, creation of traffic noise modeling for existing, no-build and build conditions using TNM 2.5. Identified potential traffic noise impacts due to proposed interchange configuration and investigated the feasibility of noise mitigation measure (barriers) including benefit-cost analysis. Air quality analysis included CO analysis using CAL3QHC and coordination on MSAT, PM2.5, and ozone analysis. The report also includes a review of conformity to NAAQS for ozone, nitrogen dioxide, sulfur dioxide, and lead.
11/16 – Ongoing	I-20 Over Savannah River Bridge Replacement, GDOT, Richmond County, GA. Traffic Engineer. Conducting traffic noise impact assessment and air analysis report for the I-20 Over Savannah River Bridge Replacement Project in Augusta, GA. Responsibilities included data collection of existing conditions, creation of traffic noise modelling for existing, no-build and build conditions using TNM 2.5. Identify potential traffic noise impacts due to proposed interchange configuration and investigates the feasibility of noise mitigation measure (barriers) including benefit-cost analysis. Air quality analysis included CO analysis using CAL3QHC and coordination on MSAT, PM2.5, and ozone analysis. The report also includes a review of conformity to the NAAQS for ozone, nitrogen dioxide, sulfur dioxide, and lead.


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 Modeling & Studies (Intersection, Corridor, Network Analysis / Warrant Analysis)	
Experience dates	Experience and qualifications relevant to the proposed contract			
	Mr. Waaso is a <u>Senior Traffic Engineer</u> with <u>13 years of experience in traffic modeling and studies</u> . He is experienced with a range of <u>traffic modeling software</u> 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 <u>intersection and corridor studies</u> , <u>access management studies</u> , <u>signal warrant studies</u> , <u>Stage 0 feasibility studies</u> , 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. <i>Traffic Engineer</i> . 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. <i>Traffic Engineer</i> . 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. <i>Traffic Engineer</i> . 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. <i>Traffic Engineer</i> . 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. <i>Senior Traffic Engineer</i> . 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	I-110 to Terrace Avenue Interchange Modification Report, LADOTD, East Baton Rouge Parish, LA. Traffic Engineer. 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	Safety Studies IDIQ - I-49 Interchange Stage 0 Traffic and Safety Feasibility Study, LADOTD, Lafayette Parish, LA. Traffic Engineer. 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	Traffic Signal Design IDIQ - US 90 Traffic Signal Timing Upgrades/LADOTD, Lafayette Parish, LA. Traffic Engineer. 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	Pete's Highway Traffic Study and Environmental Assessment, LADOTD, Denham Springs, LA. Traffic Engineer. 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	U-23 Flex Route Traffic Study, MDOT, Livingston County, MI. Senior Traffic Engineer. 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	I-375 Corridor Improvements, MDOT, Detroit, MI. Senior Traffic Engineer. 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.052016 / NC / Exp. 12/2022; RSP #636 / USA / Exp. 8/2024	
Year registered	2021	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities.			Safety	
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 <u>safety studies</u> , <u>feasibility studies</u> , <u>pedestrian and bicycle improvements</u> , permanent signing design, signal design, and NEPA studies. He is also familiar with the Highway Capacity Manual, <u>Highway Safety Manual</u> , MUTCD, and AASHTO "Green Book". Dr. Aguirre is also knowledgeable in the application of several software programs including <u>IHSDM</u> , 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. <i>Traffic Engineer</i> . Project purpose was to evaluate the effectiveness of proposed <u>access management improvements</u> along US 61 and identify <u>feasible alternatives</u> 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 <u>benefit-cost analysis</u> 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. <i>Traffic and Safety Engineer</i> . Assisted with the <u>assessment of existing and future safety deficiencies</u> 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 <u>Road Safety Assessments (RSAs)</u> at 10 priority locations to identify and evaluate safety deficiencies and <u>develop safety countermeasures</u> to <u>improve safety for pedestrians and bicyclists</u> .			
10/19 – 07/21	I-10 New Orleans to Slidell Hard Shoulder Running Traffic and Safety Feasibility Study, LADOTD, Orleans Parish, LA. <i>Traffic and Safety Engineer</i> . Purpose of the project was to evaluate the feasibility of implementing HSR lanes along I-10 to <u>alleviate existing bottlenecks and congestion</u> along critical segments of the corridor. Assisted in <u>safety analysis</u> 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. <i>Traffic and Safety Engineer</i> . 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 <u>existing condition safety analysis</u> including tasks such as <u>crash data analysis</u> , <u>collision diagrams</u> , and <u>crash report documentation</u> .			

Firm employed by			
Name	Justin Maderia, PE, PTOE, PTP	Years of relevant experience with this employer	17
Title	Noise and Air Expert	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		MS / 2005 / Civil Engineering; BS / 2004 / Civil Engineering	
Active registration number / state / expiration date		PE.0038492 / LA / 03/31/2022; PTOE #3455 / USA / 07/01/2024; PTP #604 / 07/01/2023	
Year registered	2013	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Traffic Stage 0 Safety Studies, Safety Effectiveness Evaluation	
Experience dates	Experience and qualifications relevant to the proposed contract		
	<p>Mr. Maderia's experience in transportation engineering includes safety studies, feasibility studies, traffic flow/demand modeling, spot speed studies, micro-simulation modeling, and traffic noise modeling. His experience with safety studies includes crash review and analysis, development of safety improvements and countermeasures, and application of Highway Safety Manual (HSM) methodologies to evaluate the effectiveness of safety improvements. He has also served as the project engineer responsible for the design of highway projects. Specific design experience includes maintenance of traffic design, traffic control plan design, roadway geometry, horizontal and vertical alignment design. His software program experience includes IHSDM, AutoCAD, MicroStation, Geopak, AutoTurn, SignCAD, GIS, TNM, CORSIM, VISSIM, HCS and all Microsoft Office Applications. Mr. Maderia has completed LADOTD Traffic Engineering Process and Report Training.</p>		
08/12 – 05/13	<p>I-210 Cove-Nelson Interchange Improvements EA, ABMB Engineers, Inc.; Lake Charles, Louisiana. Design Engineer. This project involved the Environmental Assessment completion for proposed improvements to I-210 between Cove Lane and Nelson Road. The project included improvements along I-210 and the adjoining local street network. The interchange improvements provide access to future development and address future traffic needs. The study was conducted in accordance with policies and procedures prescribed in the Highway Traffic Noise Policy and Guidance, issued by FHWA in 1995, and the LADOTD's statewide policy, titled Department of Transportation and Development Highway Noise Policy. Worked as a design engineer, conducting traffic noise impact assessment portion of the study.</p>		
06/13 – 03/16	<p>US-11 Environmental Assessment - Traffic & Noise, Louisiana Department of Transportation & Development; Slidell, Louisiana. Transportation Engineer. Responsible for developing existing and future traffic volumes, growth rate estimation, alternative evaluation, preliminary traffic signal timing analysis, and crash analysis. This project includes replacement of the bridge over the Norfolk Southern Railroad and widening the roadway from a two-lane undivided to a four-lane divided roadway for the segment of US 11 between I-12 and US 190 (Gause Boulevard) in Slidell. The project study area is comprised of Synchro analysis for six signalized and four unsignalized intersections.</p>		
08/12 – 05/13	<p>I-210 Cove Lane/Nelson Road Interchange Improvements, Louisiana Department of Transportation & Development; Calcasieu Parish, Louisiana. Design Engineer. This project involved the Environmental Assessment completion for proposed improvements to I-210 between Cove Lane and Nelson Road. The project included improvements along I-210 and the adjoining local street network. The interchange improvements provide access to future development and address future traffic needs. The study was conducted in accordance with policies and procedures prescribed in the Highway Traffic Noise Policy and Guidance, issued by FHWA in 1995, and the LADOTD's statewide policy, titled Department of Transportation and Development Highway Noise Policy. Worked as a design engineer, conducting traffic noise impact assessment portion of the study.</p>		
12/11 – 07/13	<p>Chef Menteur Bridge and Approaches Route US 90, Louisiana Department of Transportation & Development; Orleans Parish, Louisiana. Design Engineer. This project involves the Environmental Assessment completion for proposed improvements to the Chef Menteur Bridge and Approaches. The proposed project includes replacing the existing Chef Menteur Pass Bridge and Approaches, located in Orleans Parish on U.S. Highway 90. The project calls for a replacement bridge with two 12-foot-wide travel lanes and 10-foot-</p>		


	<p>wide shoulders on each side. The logical termini were approved by the Federal Highway Administration (FHWA). The study area extends along US 90 from US 11 to Louisiana Highway 433. The study is conducted in accordance with policies and procedures prescribed in the Highway Traffic Noise Policy and Guidance issued by FHWA in 1995 and the LADOTD's statewide policy, titled Department of Transportation and Development Highway Noise Policy. Worked as a design engineer conducting traffic noise impact assessment portion of the study.</p>
--	--

Firm employed by		ARCADIS	
Name	Jan Hughes	Years of relevant experience with this employer	0.5
Title	Senior NEPA Specialist	Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization		BA, Anthropology, Louisiana State University, 1984	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities.		Technical Advisory and QAQC (Stage 0 / Planning / Environmental)	
Experience dates	Experience and qualifications relevant to the proposed contract		
	<p>Ms. Hughes has <u>25 years of experience</u> with the LADOTD Environmental Section preparing and overseeing analyses and documentation in compliance with the National Environmental Policy Act (NEPA), Section 106 of the National Historic Preservation Act, and Section 4(f) of the U.S. DOT Act. She oversaw consultant work on environmentally complex projects, including establishing and negotiating consultant environmental work effort and preparation of Environmental Impact Statements. She coordinated with federal, state, and local agencies as needed on projects as well as on other issues. She conducted public meetings, hearings, and other public involvement activities. In addition to the projects listed below, throughout her career, Jan has prepared and provided oversight for numerous Environmental staff and consultant prepared Environmental Assessments, Categorical Exclusions, and Re-evaluations of approved environmental documents. Training includes NEPA and Section 4(f), Section 106, Wetland Delineation, Endangered Species Act, Title VI/Environmental Justice, Environmental Streamlining and Stewardship, and <u>Context Sensitive Solutions</u>.</p>		
07/15 - 02/19	<p>I-49 South, I-10 to Lafayette Regional Airport, Route US 90/US 167, Supplemental Environmental Impact Statement (SEIS), LADOTD, Lafayette Parish, LA. <i>Senior NEPA Specialist</i>. SEIS and follow-up to commitments made in the 2003 Record of Decision for the upgrade of this 5-mile portion of US 90/US 167 in urban Lafayette to a six-lane facility with frontage roads meeting interstate standards. Responsibilities included negotiating the consultant environmental work effort, carrying out the SEIS initiation process and re-initiation of Section 106 of the National Historic Preservation Act process, and oversight of consultant environmental work that includes extensive public involvement, updates to the standing structures survey and archaeology commitments, and follow-up to other commitments.</p>		
01/15 - 02/19	<p>Inner Loop Extension (LA 3132), E. Flourney Lucas Rd (LA 523) to Future I-69 Corridor, Environmental Assessment, LADOTD and City of Shreveport, Caddo Parish, LA. <i>Senior NEPA Specialist</i>. Extension of the Inner Loop on new alignment as a four-lane control of access facility from LA 523 to Future I-69 with interchanges and upgrades to adjacent roadways. Responsibilities included oversight of the environmental process and consultant preparation of the Environmental Assessment.</p>		
01/11 – 05/15	<p>Bayou Teche Bridge at Oaklawn, Route LA 323, Categorical Exclusion Re-evaluation, LADOTD, St. Mary Parish, LA. <i>Senior NEPA Specialist</i>. Replacement of this one lane, swing span bridge built in 1942 with a two-lane bridge on existing alignment. The bridge was determined eligible for the National Register of Historic Places. Responsibilities included handling the Section 106 Consulting Parties process, preparation of the re-evaluation document, and preparation of the Section 106 Memorandum of Agreement and Programmatic Section 4(f) Statement for the adverse impact to the bridge, as well as the marketing and draft agreement for LADOTD's first ownership transfer of a historic bridge to another entity for alternative use.</p>		



04/01 - 12/06	I-49 South, Wax Lake Outlet to Berwick, Route US 90, Environmental Impact Statement, LADOTD, St. Mary Parish, LA. <i>Senior NEPA Specialist.</i> Upgrade of this 9.3-mile portion of US 90 to a four-lane facility with frontage roads meeting interstate standards. Responsibilities included oversight of the environmental process and consultant preparation of the environmental document.
04/01 - 10/05	I-49 South, Lafayette Regional Airport to LA 88, Route US 90, Environmental Impact Statement, LADOTD, Iberia/Lafayette/St. Martin Parishes, LA. <i>Senior NEPA Specialist.</i> Upgrade of this 10.8-mile portion of US 90 to a six-lane facility with frontage roads meeting interstate standards. Responsibilities included oversight of the environmental process and consultant preparation of the environmental document.
03/02 - 03/05	Huey P. Long Bridge, Route US 90, Environmental Assessment, LADOTD, Jefferson Parish, LA. <i>Senior NEPA Specialist.</i> Widening of the highway portions of this highway/railroad bridge from two 9-foot-wide lanes to three 11-foot-wide lanes. The bridge, built in the 1930s, was determined eligible for the National Register of Historic Places. Responsibilities included negotiating the consultant environmental work effort, oversight of the environmental process, coordination with the U.S. Coast Guard, New Orleans Public Belt Railroad, and Louisiana State Historic Preservation Officer, preparation of a Section 106 Memorandum of Agreement for the adverse impact to this historic bridge, and overseeing consultant preparation of the environmental document.
12/01 – 01/15	Inner Loop Extension (LA 3132), Ellerbe Road to Flourney Lucas Road, Environmental Assessment, LADOTD and City of Shreveport, LA, Caddo Parish. <i>Senior NEPA Specialist.</i> Extension of the Inner Loop on new alignment as a four-lane control of access facility with interchanges and upgrade of adjacent roadways. Responsibilities included oversight of the environmental process and consultant preparation of the Environmental Assessment.
02/94 - 08/98	Airline Highway (US 61), Florida Boulevard to Just North of Jefferson Hwy., Environmental Assessment, LADOTD, East Baton Rouge Parish, LA. <i>Senior NEPA Specialist.</i> Widening of this approximately 3.5-mile portion of Airline Highway from four lanes to six lanes. Responsibilities included handling the environmental process and preparing the Environmental Assessment and Programmatic 4(f) Statement for right-of-way impacts to an adjacent publicly owned park.



Firm employed by		ARCADIS	
Name	Caleb Fontenot	Years of relevant experience with this employer	8
Title	Senior Geologist	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		BS / 2004 / Geology, Louisiana State University	
Active registration number / state / expiration date		Professional Geoscientist - # 1006 / Louisiana / Exp. 01/2023	
Year registered	2016	Discipline	Geoscientist
Contract role(s) / brief description of responsibilities.		Phase I Environmental Site Assessment	
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Fontenot is an experienced Project Manager whose work includes safety-oriented implementation of environmental assessments (EA), risk assessments, management of Resource Conservation and Recovery Act (RCRA) facility investigations (RFI) and remediation of impacted soil and groundwater, including U.S. Environmental Protection Agency (EPA) Superfund sites. His experience includes implementing groundwater monitoring programs, <u>Phase I and Phase II Environmental Site Assessments (ESA)</u> , subsurface investigations, aquifer characterization, surface-water-quality studies, biological impact research, source-removal activities, and geotechnical drilling. Mr. Fontenot's projects include management of detection, assessment, and compliance programs for solid and hazardous waste permit facilities under the jurisdictions of Louisiana Department of Environmental Quality (LDEQ) and USEPA. He routinely conducts EA and prepares groundwater and soil investigation reports, including statistical analyses of historical data and LDEQ Risk Evaluation/Corrective Action Program (RECAP) evaluations.		
01/05-01/20	Dutchtown Oil Treatment Superfund Site, Dutchtown LA. Staff Scientist, Project Manager Conducted annual, biennial sampling events. Prepared groundwater monitoring reports and natural attenuation evaluation reports including Mann-Kendall statistical trend analysis and interpretation. Provided financial and technical project management during implementation of the natural attenuation remedy and completion of routine operation and maintenance activities as required by USEPA and LDEQ.		
01/08 – present	Major Petroleum and Specialty Chemical Clients, Project Management, Phase I and II ESA, Oil and Gas Upstream and Downstream Locations, LA, TX. Project Manager, Environmental Professional Completed multiple portfolio assessments for a major petroleum client. Project consisted of location of and evaluation of historical upstream production locations that required evaluation of historical aerial photos to identify former operating areas and traversing difficult terrain by foot and/or boat to gain access. Downstream evaluations consisted of the evaluation of large (over 1,000 acre) properties for potential siting of product manufacturing facilities. Scope of work included environmental database review, on-site evaluation and documentation of potential risks (historical recognized environmental conditions (HREC), controlled recognized environmental conditions (CREC), and potential environmental conditions (PREC)) and report preparation. Follow-up work for both upstream and downstream Phase I ESA included management, coordination, and investigation of the identified risks by completing Phase II ESA. Phase II ESAs were designed to selectively evaluate HREC, CREC, and PREC as appropriate for the nature of each risk, and were conducted as multi-media investigations of surface soil, groundwater, sediment, and surface water. The findings of these Phase II ESA investigations were compared to applicable state screening standards as necessary to determine potential exposures. When appropriate, the risks were evaluated at successively higher tiers to quantify risks to human health and environment.		

03/13 – 06/13	Confidential Client, Phase I and Phase II Environmental Assessment; Retail Fuel Stations, LA. <i>Team Leader/Task Manager, Environmental Professional</i> coordinated the efforts of a team of six environmental professionals during the completion of a 33-site divestment assessment. The client required completion of a rapid evaluation of numerous assets within a one-month timeframe to facilitate sales of the property portfolio to an interested buyer. Project work included logistical planning, environmental database review, determination of potential risks (HREC, CREC, and PREC), coordination of individual efforts within the team objective, and preparation of Phase I ESA . Projects sites where REC were identified were selected for targeted Phase II ESA. The Phase II consisted of completion of soil and groundwater investigations. The findings of the Phase II ESA were compared to RECAP standards to determine potential exposures. When appropriate, the risks were evaluated at successively higher tiers to quantify risks to human health and environment.
02/06 – 10/14	Confidential Clients, Phase I and Phase II Environmental Site Assessment, Automotive Dealerships/Vehicle Service Locations, LA and MS. <i>Environmental Professional, Project Manager</i> completed ESA activities to support property transactions for approximately 8-10 automobile dealerships. Initial responsibilities included environmental database review, on-site evaluation and documentation of potential risks (HREC, CREC, and PREC) and report preparation. Subsequent project work included investigation of recognized environmental conditions (scope of work development, soil and groundwater sample collection, data evaluation and interpretation).
12/17 – present	Specialty Chemical Clients, Environmental Evaluation and Regulatory Interface, Industrial Sites, LA. <i>Environmental Project Manager</i> provide technical guidance, project coordination, cost estimation, scope development, and procurement assistance for mid-sized industrial chemical manufacturing facilities. Planned and executed in-situ stabilization of approximately 14,000 cubic yards of soils impacted by chlorinated compounds. Manage regulatory programs for a variety of Gulf-Coast specialty chemical manufacturers including RCRA RFI programs, detection, assessment, and compliance monitoring programs, and discrete environmental assessments/non regulatory investigations.



Firm employed by		ARCADIS	
Name	Jason Morrell, PWS	Years of relevant experience with this employer	9
Title	Senior Ecologist	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		BS / 1999 / Agriculture, University of Georgia	
Active registration number / state / expiration date		Professional Wetland Scientist – #2319 / USA / Exp. 04/2023	
Year registered	2013	Discipline	Wetland Science
Contract role(s) / brief description of responsibilities.		Stage 0 / Planning / Environmental	
Experience dates	Experience and qualifications relevant to the proposed contract		
	<p>Mr. Morrell has more than <u>20 years of experience in ecology and environmental planning</u>, including over 16 years of consulting experience. Prior to joining Arcadis, he served as a NEPA Planner and Ecologist with the Georgia Department of Transportation (GDOT) evaluating environmental effects and <u>completing permitting and environmental documentation for transportation projects</u>. His area of expertise includes wetland delineation, biological assessment, and environmental permitting, with a focus on Clean Water Act Section 404 permitting and Section 7 Endangered Species Act (ESA) consultation. He is experienced working with the Federal Highway Administration (FHWA), US Army Corps of Engineers (USACE), US Fish & Wildlife Service (USFWS), and state resource agencies. Since 2011, Mr. Morrell has focused primarily on Transportation Ecology and is an active member of the Transportation Research Board Committee on Environmental Analysis and Ecology.</p>		
04/16 – Ongoing	<p>Pete's Highway Traffic Study and Environmental Assessment, LADOTD, Livingston Parish, LA. Ecologist. Led a wetland delineation and protected species habitat assessment along Range Road in the vicinity of the I-12 interchange for the proposed interchange improvement project. Provided technical review of a Biological Resources and Wetland Findings Report, including required exhibits, in support of the NEPA Environmental Assessment.</p>		
10/15 – 04/18	<p>North Bayou Black Drive/Hanson Canal Bridge (OSBP) – LADOTD, Terrebonne Parish, LA. Ecologist. Completed a technical review of the Biological Resources and Wetland Findings Report, including required exhibits, prepared for the replacement this off-system highway bridge. Findings from the wetland delineation report were used for a USACE Jurisdictional Determination and Section 404 permit application.</p>		
07/16 – 03/18	<p>Bayou Sara Streambank Restoration, West Feliciana Parish Department of Public Works, West Feliciana Parish, LA. Ecologist. Project involved stabilizing the streambank along approximately 3,600 feet along Bayou Sara, where severe erosion is impacting the Town of St. Francisville's Wastewater Treatment Facility, pond levees, and the Parish's only access road (Ferdinand Street) to the Mississippi River. Completed a wetland delineation and protected species habitat assessment within the area proposed for bank stabilization, as well as adjacent staging and access areas. Provided technical review of a Biological Resources and Wetland Findings Report, including required exhibits, and NWP 13 PCN, including permit sketches for bank stabilization for which USACE authorization was successfully obtained.</p>		
09/2019 – Ongoing	<p>Environmental Support Services IDIQ Contract, GDOT, Statewide, GA. Project Manager and Ecology Lead. Responsible for management of embedded (support services) ecology and NEPA staff managing environmental studies on behalf of GDOT, including review of consultant documents. Design and develop ecology initiatives for the GDOT Office of Environmental Services (OES) including guidebooks and toolkits to update the Environmental Procedures Manual, training materials for contractor prequalification, applications to streamline National Marine Fisheries Service Section 7 ESA and Essential Fish Habitat consultations, and other research initiatives.</p>		

07/14 – 07/19	Statewide Ecology Services IDIQ Contract GDOT, Statewide, GA. Deputy Project Manager. Responsible for managing embedded ecologists assigned management of ecology studies, permitting, and biological assessment for GDOT projects. Negotiated a menu of services task order for on-call environmental studies providing the client the flexibility to complete tasks quickly to meet project delivery schedules. Managed preparation and provided technical review of supporting NEPA documentation for federally funded infrastructure development and improvement projects . Developed ecology toolkits, guidance documents, and templates for GDOT use and publication in collaboration with regulatory agencies and GDOT staff. Managed a research project evaluating the effectiveness of migratory bird mitigation measures on transportation projects and provided recommendations to GDOT for best management practices.
12/15 – 11/18	Reisor Subdivision Bridge Replacements, Union Pacific Railroad, Natchitoches Parish, Louisiana and Caddo Parish, LA/Harrison County, TX. Lead Ecologist. Responsible for wetland delineation and protected species habitat assessments for replacement of two structurally deficient railroad bridges on the Union Pacific Reisor Subdivision line. Completed wetland findings report , including required exhibits, and calculated impacts to streams and wetlands for bridge replacements. Coordinated with design for impact avoidance and minimization and provided technical review of a Nationwide Permit (NWP) 14 Pre-Construction Notification (PCN), including permit sketches, submitted to the USACE Fort Worth District for the Caddo Parish, LA/Harrison County, TX bridge.
11/15 – 12/16	SR 234 at Chickasawhatchee Creek Bridge Replacement GDOT, Calhoun and Dougherty Counties, GA. Lead Ecologist. Responsible for ecology reporting, Section 404 permitting, and Section 7 Endangered Species Act (ESA) consultation for replacement of a load-limited, structurally deficient bridge over Chickasawhatchee Creek 8 miles north of Leary, GA. Prepared a Biological Assessment for the federally listed mussel species and designated critical habitat including development of special provisions to be included in contract documents for species protection. Based on this Biological Assessment, USFWS issued a Biological Opinion concurring with the recommended biological determination to support project NEPA documentation . Successfully obtained an Individual Section 404 Permit for stream and wetland impacts associated with bridge replacement and roadway approach improvements.
01/14 – 04/14	I-285 at Riverside Drive, GDOT, Fulton County, GA. Lead Ecologist. Led ecology surveys and reporting for the proposed conversion of signalized intersections at I-285 eastbound and westbound ramp termini and Riverside Drive to single lane roundabouts. Responsibilities included wetland delineation and protected species habitat assessment . Completed technical review of findings report, including required exhibits, and agency coordination to support NEPA documentation for the federally funded project.

Firm employed by			
Name	Crista Haag	Years of relevant experience with this employer	5
Title	Archeologist	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		MA / 2004 / Anthropology, emphasis in Archeology, University of Kentucky BA / 1998 / Anthropology, Miami University of Ohio	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities.		Archeology	
Experience dates	Experience and qualifications relevant to the proposed contract		
	Christa has been involved in cultural resources management and Section 106 consultation for over 20 years. She has worked with various public and private sector clients on Phase I, II, and III cultural resources investigations. Her primary responsibilities have included proposal development, project management, agency coordination, background research, fieldwork, artifact analysis, and reporting. She has served as the Principal Archaeologist on projects in Arkansas, Indiana, Illinois, Iowa, Kentucky, Michigan, Mississippi, Missouri, Ohio, Pennsylvania, Tennessee, Texas, Virginia West Virginia, and Wisconsin. Christa has implemented cultural resource management techniques for large and small projects, demonstrated budget management skills to meet client's needs, and has successfully completed numerous projects in a timeframe that meets client requirements.		
01/20 – 08/20	Westway 20-inch Potable Water Line Project, El Paso Water, El Paso, TX. <i>Principal Archeologist</i> for a project involving installation of a water line. Cultural resources investigations conducted according to Texas Antiquities Code of Texas including background research, SHPO consultation, and archeological survey. Completed background research, SHPO consultation, and archeological survey/reporting under the Texas Antiquities Code.		
03/19 – 05/19	Northeast Sanitary Sewer Line Project, Confidential Client, Brazos County, TX. <i>Principal Archeologist</i> for a project involving installation of a sewer line. Cultural resources investigations conducted according to Texas Antiquities Code of Texas including background research and SHPO consultation. Completed background research and SHPO consultation under the Texas Antiquities Code.		
02/19 – 09/19	Big Spring Siding Project – Toyah Sub MP 513.79 to 516.54, Railroad Client, Railroad Client, TX. <i>Principal Archeologist</i> for a project involving the construction of a siding track adjacent to the main track of the Toyah Subdivision between MP 513.79 and 516.54. Cultural resources investigations conducted according to Section 106 of NHPA. Conducted background research and developed a cultural desktop assessment, along with USACE coordination. Completed background research and Section 106 consultation with the USACE.		
01/17 – 01/19	Railroad Bridge Replacement Projects, Railroad Client, Various Counties, TX. <i>Lead Archeologist</i> for several USACE permitted railroad bridge replacement projects. Cultural resources investigations conducted according to Section 106 of NHPA. Conducted background research and developed cultural desktop assessments, and, if necessary, coordinated field survey. Completed background research and Section 106 consultations with the USACE.		
12/20 – 12/20	New Braunfels Utility Surface Water Treatment Plant Expansion Project, Confidential Client, Comal County, TX. <i>Principal Archeologist</i> for a project involving the water treatment plant expansion. Cultural resources investigations conducted according to Texas Antiquities Code of Texas including background research and SHPO consultation. Completed background research and SHPO consultation under the Texas Antiquities Code.		

Firm employed by			
Name	Tegan Baiocchi	Years of relevant experience with this employer	2
Title	Environmental Scientist	Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization		MS / 2009 / Historic Preservation, Eastern Michigan University BA / 2006 / Public History, Western Michigan University	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities.		Historic Preservation	
Experience dates	Experience and qualifications relevant to the proposed contract		
	<p>With more than 13 years of experience in cultural resources management, Ms. Baiocchi specializes in conducting architectural and historical resource investigations for small- and large-scale Section 106 and NEPA projects. Her expertise includes conducting background research, architectural resource surveys, and effects assessments; and authoring historical contexts, building descriptions, and NRHP evaluations and nominations for individual resources and historic districts. Ms. Baiocchi also has experience leading public and consulting party meetings and presentations and authoring and reviewing agreement documents such as memoranda of agreement and treatment plans. She is highly skilled at genealogical research and oral history interviews as well as exhibit planning and heritage interpretation. Ms. Baiocchi exceeds the Secretary of the Interior's Professional Qualification Standards for Architectural History and History.</p>		
03/12 – 04/13	<p>First Street Reconstruction, South H Street to State Road 22, City of Gas City, Gas City, IN. Street improvements project required architectural survey. Of four resources identified w/I APE, one was recommended eligible. Section 106 and 4(f) evaluation determined that the project would have no adverse effect on the resource. Received SHPO and INDOT, on FHWA's behalf, approval. Completed Historic Sites 4(f) eval with FHWA approval; direct involvement in field work, research, writing, etc.</p>		
01/14 – 05/15	<p>First Street Reconstruction, South H Street to State Road 22, City of Gas City, Gas City, IN. Project mods required new perm. easement and temp. ROW, w/i NRHP-eligible property. Addendum Section 106 and Section 4(f) evaluation determined No Adverse Effect and a "de minimis" finding. Received SHPO and FHWA's approval. Completed Historic Sites de minimis 4(f) eval with FHWA approval; direct involvement in field work, research, writing, etc.</p>		
11/17 – 07/18	<p>Arlington Avenue at Churchman Bypass Roundabout Project, City of Beech Grove, City of Beech Grove, IN. Project involved construction of 5-leg roundabout & other improvements. Cultural resources survey identified no resources w/I APE. Section 106 & Section 4(f) eval. recommended No Historic Properties Affected. Received SHPO & INDOT/FHWA approval. Completed Historic Sites 4(f) evaluation with FHWA approval.</p>		
12/20 – 02/21	<p>Expo Center and Pleasant Valley BRT Projects, Capital Metro, Austin, Travis County, TX. <i>Principal Investigator</i> directly involved with research, field work, writing, etc. Architectural resource survey for Section 106/NEPA for two BRT lines in Austin, Texas.</p>		
11/09 – 07/10	<p>Appalachian Gateway Project, Appalachian Gateway Project, Greene, Washington, Allegheny, and Westmoreland Counties, PA. Conducted background research; completed NRHP evaluations, and co-authored Phase I and Phase II technical report for multi-county pipeline project. Demonstrates more than ten years of experience of research, documentation, etc. of historic buildings and landscapes.</p>		

02/16 – 06/2018	Wilkinsburg Historic District Survey and NRHP Nomination, Confidential Client, Wilkinsburg, Allegheny County, PA. <i>Principal Investigator</i> ; oversaw comprehensive survey of properties within proposed HD; wrote successful NRHP nomination for HD; Listed in NRHP in June 2018. Demonstrates experience in research, documentation, etc. Experience as principal investigator with range of direct involvement in supervision of staff, research, writing, etc.
-----------------	---

Firm employed by			
Name	Lauren Bolstad	Years of relevant experience with this employer	1
Title	Environmental Specialist	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		Bachelor of Biosystems Engineering / 2014 / Concentration in Ecological Engineering, Auburn University	
Active registration number / state / expiration date		N/A	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities.		Environmental Project Management & National Environmental Policy Act (NEPA) Compliance	
Experience dates	Experience and qualifications relevant to the proposed contract		
	<p>Mrs. Bolstad has approximately 8 years of experience in environmental engineering and planning with a focus on National Environmental Policy Act (NEPA) compliance. She has served as a Consultant NEPA Planner with the Georgia Department of Transportation (GDOT) for multiple years. Prior to this, she was a Project Manager within the GDOT Office of Program Delivery. She has managed a variety of complex projects and has successfully navigated the NEPA process within multiple DOTs, including TxDOT, GDOT, TDOT, and LADOTD. Prior to her experience in the transportation sector, she was an environmental engineer for the Georgia Environmental Finance Authority, specifically related to federally funded water resource projects.</p>		
2022 – present	<p>Bryan County Mega Site - US 280, 1-16 Frontage Road, and Old Cuyler Road Interchange Improvements. Georgia Department of Transportation (GDOT), Bryan County, GA. NEPA Lead and Deputy Environmental Project Manager. Leads NEPA documentation for this extensive design build project consisting of US 280 widening, new frontage road and new interchange along I-16. The project has an aggressive schedule and vast design constraints. Facilitates resolutions regarding difficult NEPA components including logical termini, cultural resources, and public involvement.</p>		
2022-Present	<p>I-10 Calcasieu Bridge Replacement - DB Tender, Acciona Construction USA Corp (North America) and Aecon Infrastructure Development Inc, LADOTD, Baton Rouge, LA. Environmental Project Coordinator. Responsible for assessing and minimizing risk to environmental impacts associated with pre-let and post-let activities.</p>		
2022-Present	<p>Rural Bridge Replacement Initiative Phase II – Districts 02, 03, 07, 61, and 62, LADOTD, Multiple Parishes, LA. NEPA Lead and Assistant Project Manager. Sixteen state projects involving replacement of twenty-nine state highway bridges. Responsible for environmental scope including Solicitation of Views and Programmatic Categorical Exclusion Checklists.</p>		
2022-Present	<p>Local Programs NEPA Categorical Exclusions, Tennessee Department of Transportation, Various Corridors. NEPA Lead. Responsible for assessing and evaluating environmental impacts from local transportation projects along various corridors in central Tennessee.</p>		
2018 - 2022	<p>Environmental Support Services IDIQ Contract, GDOT. NEPA Planner. Responsible for environmental project management and NEPA documentation for approximately sixty on-going transportation projects including intersection improvements, roundabouts, widenings, interchanges, and bridge replacements.</p>		
2016-2018	<p>Traffic Operations & Safety Program Management Contract, GDOT. Project Manager. Responsible for management of consultant design transportation projects and coordination through GDOT's Plan Development Process. Successfully managed thirty-five traffic and safety projects from concept development through construction letting. Lead monthly coordination meetings with project teams to ensure on-time program delivery.</p>		

16. **Staff Experience.** Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person

Firm Employed By		National Data & Surveying Services	
Name	Kevin Deal	Years of Experience with This Firm/Employer	17
Title	Chief Operations Officer	Years of Experience with Other Firm(s)/Employer(s)	N/A
Degree(s) / Years / Specialization		B.S. in Production and Engineering	
Active Registration Number / State / Expiration Date		N/A	
Year Registered	N/A	Discipline	N/A
Contract Role(s) / Brief Description of Responsibilities		Mr. Deal has amassed a great deal of experience in every aspect of the data collection industry. His expertise includes field operations, administrative operations, program development, R & D and companywide quality control. He has successfully managed over 35,000 projects from inception to completion which have at times included customized study development as well as customized deliverables. Mr. Deal oversees the annual collection of approximately 20,000 Turning Movement Counts, 25,000 Automatic Traffic Recorder Counts, and thousands of specialized studies.	
Experience Dates (mm/yy - mm/yy)	Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
2021 - Present	Manage annual traffic counts which consist of approximately 2,800 ATR Classification Counts, 2,500 ATR Volume Counts, 100 TMCs, 180 Non-Intrusive Video Classification Counts for New York State DOT		
2019 - Present	Manage annual traffic counts which consist of approximately 3,208 ATR Counts, 2,860 TMCs, 606 Pedestrian Counts and 719 Bicycle Counts, and 184 Spot Speed Radar Counts for New York City DOT		
2005 - Present	Manage annual traffic counts which consist of 700 ATR Counts and 300 TMCs for Los Angeles DOT		
01/20 - 02/20	Managed 104 TMCs and 16 ATR Counts for CATS Silver Line Project in Charlotte, NC		
03/17 - 12/17	Managed 310 ATR Counts, 103 TMCs and 17 Mainline Freeway Counts for Durham-Chapel Hill-Carrboro Metropolitan Planning Organization		
2005, 2007, 2009, 2011, 2013, 2015, 2021	Managed 200 TMCs and 12,000 miles of Travel Time runs for OCTA (Orange County Transportation Authority) in Orange County, CA		



16. **Staff Experience.** Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person

Firm Employed By				National Data & Surveying Services			
Name		Gustavo Clavijo		Years of Experience with This Firm/Employer		8	
Title		South Central Regional Master		Years of Experience with Other Firm(s)/Employer(s)		N/A	
Degree(s) / Years / Specialization			B.S. in Business Administration				
Active Registration Number / State / Expiration Date			N/A				
Year Registered		N/A		Discipline		N/A	
Contract Role(s) / Brief Description of Responsibilities			Mr. Clavijo is the project coordinator for National Data and Surveying Services. Mr. Clavijo's expertise includes field operations, project coordination, and study development. For over 8 years he managed the largest team of data collectors companywide from NDS' corporate office in Los Angeles, CA before opening the Louisiana office in 2019. He has successfully managed thousands of turning movement counts, pedestrian and bicyclist counts, machine counts, and has also assisted in the successful coordination and collection of specialized studies.				
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).					
07/22 - 11/22		Managed 46 (7-Day) Mainline Classification Counts and 62 (7-Day) Ramp Classification Counts for WSP in Lake Charles, LA					
01/20 - 12/21		Managed 45 TMCs, 25 Demand/Queuing Counts and 29 ATR Counts for Quality Engineering and Surveying in multiple cities throughout Louisiana					
01/20 - 12/21		Managed 24 TMCs with Demand/Queuing and 36 ATR Counts for Fenstermaker in multiple cities throughout Louisiana					
01/19 - 12/21		Managed 124 TMCs and 115 ATR Counts for Vectura Consulting Services in multiple cities throughout Louisiana					
02/14 - 12/18		Managed 300 Annual TMCs and 500 ATR Counts for the City of Los Angeles, CA					



16. **Staff Experience.** Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person

Firm Employed By				National Data & Surveying Services			
Name		Tyler Shaw		Years of Experience with This Firm/Employer		2	
Title		Assistant Operations Manager		Years of Experience with Other Firm(s)/Employer(s)		N/A	
Degree(s) / Years / Specialization			B.S. in Geography				
Active Registration Number / State / Expiration Date			N/A				
Year Registered		N/A		Discipline		N/A	
Contract Role(s) / Brief Description of Responsibilities			Mr. Clavijo is the project supervisor for National Data & Surveying Services. Mr. Shaw's experience includes field operations, project scheduling and data quality control. He has several years of experience include successful managing and assisting with some of the south's most sensitive traffic data collection projects.				
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).					
08/22 - 09/22		Managed and assisted with 29 Classification ATR Counts and 24 Driveway counts for Neel-Schaffer in Baton Rouge, LA.					
08/22 - 08/22		Managed and assisted with 52 TMC in downtown Mobile, AL for Volkert					
04/22 - 05/22		Managed and assisted with 11 TMC, Pedestrian and Bike counts throughout the city of Mandeville, LA for Arcadis					
01/22 - 02/22		Managed and assisted with 17 Classification ATR counts, 10 TMCs with Demand/Queueing and 65 Driveway counts for Urban Systems in Walker, LA					
02/14 - 12/18		Managed and assisted with 11 TMC with Demand/Queueing, 50 Driveway counts and 11 ATR Classification counts for Fenstermaker in Hammond, LA					
10/22 - 11/22		Managed and assisted with 20 TMC, 94 Driveway counts and 29 Classification ATR Counts for Neel-Schaffer in Mandeville, LA					



16. **Staff Experience.** Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person

Firm Employed By		National Data & Surveying Services	
Name	Anthony Troung	Years of Experience with This Firm/Employer	4
Title	Senior Data Analyst	Years of Experience with Other Firm(s)/Employer(s)	N/A
Degree(s) / Years / Specialization		B.S. in Finance and Marketing	
Active Registration Number / State / Expiration Date		N/A	
Year Registered	N/A	Discipline	N/A
Contract Role(s) / Brief Description of Responsibilities		Mr. Troung is the head of our QC Department for all data collected by NDS throughout the country. He is responsible for developing QC related procedures and techniques as well as the development of tools used to analyze the data. He is also responsible for companywide analyst training and direct supervision.	
Experience Dates (mm/yy - mm/yy)	Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
2019 - Current	>20,000 Turning Movement counts with various classification and identification requirements such as: Multi-modal, FHWA Classification, Pedestrian, Bicycles, Flow/Contraflow, Gender Identification		
2019 - Current	>1,211 Pedestrian and Bicycle counts		
2019 - Current	>15,000 Automatic Traffic Recorders; Volume, Classification and/or Speed		
2019 - Current	>90 Origin-Destination studies of various sizes, matching matrices and methodologies		
2019 - Current	>225 Queue studies		



16. Staff Experience. Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person			
Firm Employed By		The Lakvold Group, LLC	
Name	Angela Lemoine-Lakvold, MAI, SRA, R/W-AC, MBA	Years of Experience with This Firm/Employer	23
Title	LA State Certified General Real Estate Appraiser	Years of Experience with Other Firm(s)/Employer(s)	36
Degree(s) / Years / Specialization		Bachelor of Science, Louisiana State University, 1985; Master of Business Administration, University of Southwestern Louisiana, 1998	
Active Registration Number / State / Expiration Date		#0575 / Louisiana / 00-00-0000	
Year Registered	1992	Discipline	General Real Estate Appraiser
Contract Role(s) / Brief Description of Responsibilities		The appraiser will use real estate expertise to determine the real estate impacts of the proposed project. The process will include a review of line and grade maps, an inspection of the project, and a determination of real estate impacts. Research of the market area, sales data, and other pertinent information required to complete the CSRP.	
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).	
03/86 - 08-90		Staff appraiser with Louisiana Department of Transportation and Development	
01/2010		Completed appraisals and appraisal reviews on numerous right-of-way projects for federal, state, and local government entities	
01/12 - Current		Completed several conceptual stage relocation plans as part of the environmental assessment for several projects	



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	DDG	Past Performance Evaluation Discipline(s) *	Road, Survey
Project Name	St. Nazaire Road Extension (LA. 9 to Corne Rd.) STAGE-0	Firm Responsibility (Prime or Sub?)	Prime
Project Number	H014622 / 18-912	Owner's Name	City of Broussard
Project Location	Broussard, LA	Owner's Project Manager	Ben Theriot
Owner's Address, Phone, Email	310 Main Street, Broussard, LA 70518, (337) 298-1295, ben.theriot@services@gmail.com		
Services Commenced by This Firm (mm/yy)	11/18	Total Consultant Contract Cost (\$1,000s)	\$7
Services Completed by This Firm (mm/yy)	12/21	Cost of Consultant Services Provided by This Firm (\$1,000s)	\$7

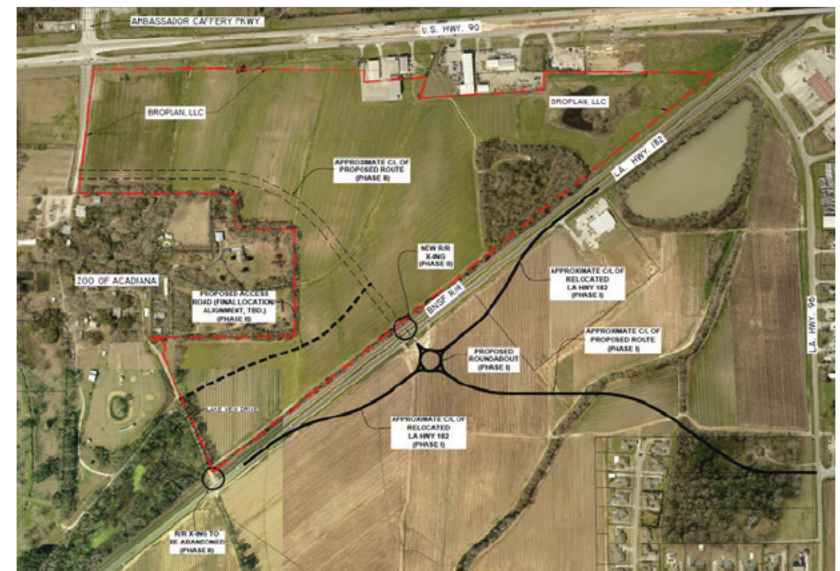
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal) * If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

Highlighted Personnel to be Used: Joseph Marino, Kye Cantey

Services: Civil Engineering

Project Description:

DDG was engaged by the City of Broussard to lead the consulting efforts for the Stage 0 study of St. Nazaire's extension from LA Highway to Corne Rd. The firm's members involved Joseph Marino, Kye Cantey, and Phil Parker. While coordination with both the Acadiana Planning Commission (APC) and DOTD's project manager, the project study several different corridor alignments for the project. The end goal was to have an efficient alignment with the least amount of impacts. A few driving factors included two major highway crossings, a new rail crossing, major drainage feature crossings, impacts to a local street, potential impacts to the zoo's property, and potential tie-in conflicts with the I-49 and Ambassador Caffery interchange. The project is planned to be split into two phases. Phase one will extend the existing St. Nazaire from Hwy 96 to Hwy 182. Phase two will continue the project from Hwy 182 and end at Corne Rd. Phase one total project cost is estimated at \$6,000,000 and phase two at \$8,400,000.



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	Duplantis Design Group	Past Performance Evaluation Discipline(s) *	Road, Survey, Right of Way
Project Name	I-49 at Ambassador Interchange	Firm Responsibility (Prime or Sub?)	Prime
Project Number	SPN H.002868.5 / 18-904	Owner's Name	DOTD
Project Location	Broussard, LA	Owner's Project Manager	Peggy Jo Paine
Owner's Address, Phone, Email	P.O. Box 34245, Baton Rouge, LA 70804 / (225) 379-1065 / peggy.pain@la.bgov		
Services Commenced by This Firm (mm/yy)	01/20	Total Consultant Contract Cost (\$1,000s)	\$3,956
Services Completed by This Firm (mm/yy)	Ongoing	Cost of Consultant Services Provided by This Firm (\$1,000s)	\$55

Describe the project including the firm's role and members involved. (Highlight members 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.

Highlighted Personnel to be Used: Heather Klingman, Joseph Marino, Cory MacMenamin, Nathan Reaux, Brad Villemuer, Martin Frisard

Services: Civil Engineering, Survey

Project Description:

Construction of a fully accessed controlled, grade separated interchange at the intersection of Ambassador Caffery Parkway (LA 3073) and US 90 (Future I-49) which will include a six lane roadway for Future I-49, construction of a 6-lane bridge over Ambassador Caffery Parkway, one-way Northbound and South bound frontage roads, u-turn lanes, entrance and exit ramps from frontage roads to US 90 (future I-49) and signalized at grade intersections at Ambassador Caffery Parkway. Also included will be the construction of Northbound and Southbound frontage road bridges over an existing rail road track.

The limits of the survey are revised to encompass the area of new construction at the northerly limits of the project beginning at STA 762+00 northward to approximately STA 808+00. extending to the existing U.S. 90 right of way (right and left of project centerline) south of the BNSF Railroad (S3 A 762+00 to STA 786+00). North of the BNSF Railroad, (STA 786+00 to STA 808+00) the limits of the survey will extend approximately 150' left of pm, roject centerline. North of the BNSF railroad, (STA 786+00 to STA 808+00) right of project centerline, the limits of survey will vary from approximately 180' to 250' between STA 786+00 and STA 793+00 then from 250' to approximately 275' between STA 793+00 and STA 796+00 then from 275 to 150' between STA 796+00 and STA 808+00.

The Scope of the Right of Way mapping will remain the same except for the following modifications: The Consultant shall prepare a right of way map that shall consist of one title sheet, approximately 19 plan sheets at a sale of 1" = 30' (Hor.) and approximately 3 residual sheets at an acceptable scale to utilize the limits of those sheets. Two sets of prints of the 60% right of way maps shall be submitted for a joint plan review and two sets of prints of the final right of way map shall be submitted for final review. Upon completion of the right of way map, the Consultant shall provide a Parcel Input File, a copy of the Title Reports used to prepare the map (with corresponding Parcel Numbers on the cover sheet), and a film copy Of the Right of Way Map.



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	DDG	Past Performance Evaluation Discipline(s) *	Road, Survey
Project Name	LA Highway 182 Improvements (St. DePorres to Albertson Parkway)	Firm Responsibility (Prime or Sub?)	Prime
Project Number	50-M32-20-01 / 18-907	Owner's Name	City of Broussard
Project Location	Broussard, LA	Owner's Project Manager	Ben Theriot
Owner's Address, Phone, Email	310 East Main Street, Broussard, LA 70518, (337) 298-1295, ben.theriot@services@gmail.com		
Services Commenced by This Firm (mm/yy)	09/21	Total Consultant Contract Cost (\$1,000s)	\$730
Services Completed by This Firm (mm/yy)	Ongoing	Cost of Consultant Services Provided by This Firm (\$1,000s)	\$730

Describe the project including the firm's role and members involved. (Highlight members 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.

Highlighted Personnel to be Used: Joseph Marino, Kye Cantey

Services: Civil Engineering, Landscape Architecture, Survey

Project Description:

DDG was hired by the City of Broussard to re-design Hwy 182 (Main St.) in Broussard from St. DePorres to Albertson Parkway. The project falls within Broussard master plan of re-developing their downtown district. The project has gone through DOTD's right sizing program. The project began by going through DOTD's standard plan/ project review process. Once the project reached a certain point it was decided to transfer the road to the City of Broussard prior to the completion of construction. The project involves closing in existing roadside ditches and piping them in with sub-surface drainage. Also, for beautification measures the project is incorporating both a 10' multi-use path and an 8' sidewalk which ultimately transitions to 6' wide. Both street and pathway lighting are included as well. There is one major drainage crossing which will replace triple 4x4 reinforced box culverts with a large pre-cast concrete arch culvert. DDG members involved include Joseph Marino, Kye Cantey, and Stephen McElroy.



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	DDG	Past Performance Evaluation Discipline(s) *	Road, Survey
Project Name	LA Highway 89 Widening	Firm Responsibility (Prime or Sub?)	Prime
Project Number	50-M32-20-01 / 21-137	Owner's Name	City of Broussard
Project Location	Broussard, LA	Owner's Project Manager	Ben Theriot
Owner's Address, Phone, Email	310 East Main Street, Broussard, LA 70518, (337) 298-1295, ben.theriotservices@gmail.com		
Services Commenced by This Firm (mm/yy)	08/21	Total Consultant Contract Cost (\$1,000s)	\$427
Services Completed by This Firm (mm/yy)	Ongoing	Cost of Consultant Services Provided by This Firm (\$1,000s)	\$285

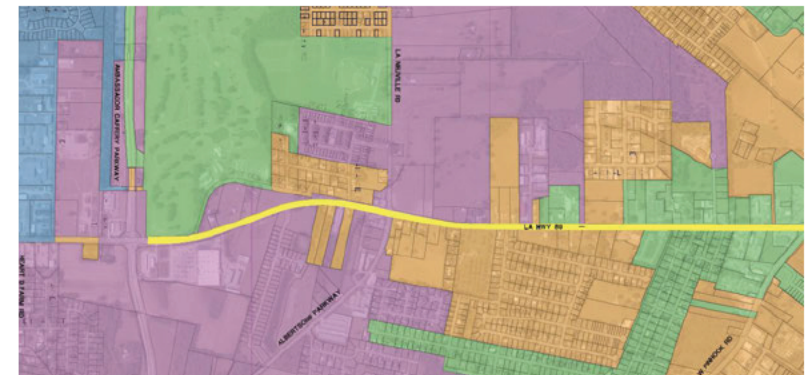
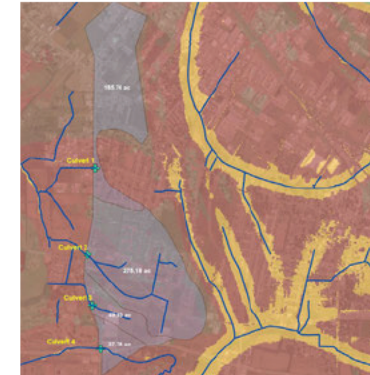
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal) * If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

Highlighted Personnel to be Used: Joseph Marino, Kye Cantey, Cory MacMenamin, Nathan Reaux, Brad Villemuer

Services: Civil Engineering, Survey

Project Description:

As part of the City of Broussard's traffic improvements plan, they are in the process of widening Hwy 89 from Hwy 182 (Pinhook Rd.) to Hwy 89 (Ambassador Caffery Parkway). The project is planned to align with the City of Youngsville's Hwy 89 improvements project which is also on-going. Broussard's portion is complex because the alignment goes not just through the city of Broussard, but also through the City of Lafayette and the Parish of Lafayette. This has triggered implementation of an Inter-governmental Agreement by all parties. The scope of the project is to widening the highway from a two lane road to a two land road with a center turn lane. There are also anticipated traffic intersection improvements at the Albertson Parkway. The roadside ditches will remain but will be relocated. DDG members involved include Joseph Marino, Kye Cantey, and Stephen McElroy.



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	DDG	Past Performance Evaluation Discipline(s) *	Road
Project Name	Audubon Avenue Overlay	Firm Responsibility (Prime or Sub?)	Prime
Project Number	22-1195	Owner's Name	DOTD
Project Location	Thibodaux, LA	Owner's Project Manager	Ryan Richard
Owner's Address, Phone, Email	P.O. Box 94245, 1201 Capital Access Road, Baton Rouge, LA, (225) 379-1303, ryan.richard@la.gov		
Services Commenced by This Firm (mm/yy)	09/2022	Total Consultant Contract Cost (\$1,000s)	\$113
Services Completed by This Firm (mm/yy)	Ongoing	Cost of Consultant Services Provided by This Firm (\$1,000s)	\$105

Describe the project including the firm's role and members involved. (Highlight members 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.

Highlighted Personnel to be Used: Heather Klingman, Cory MacMenamin, Nathan Reaux, Brad Villemuer

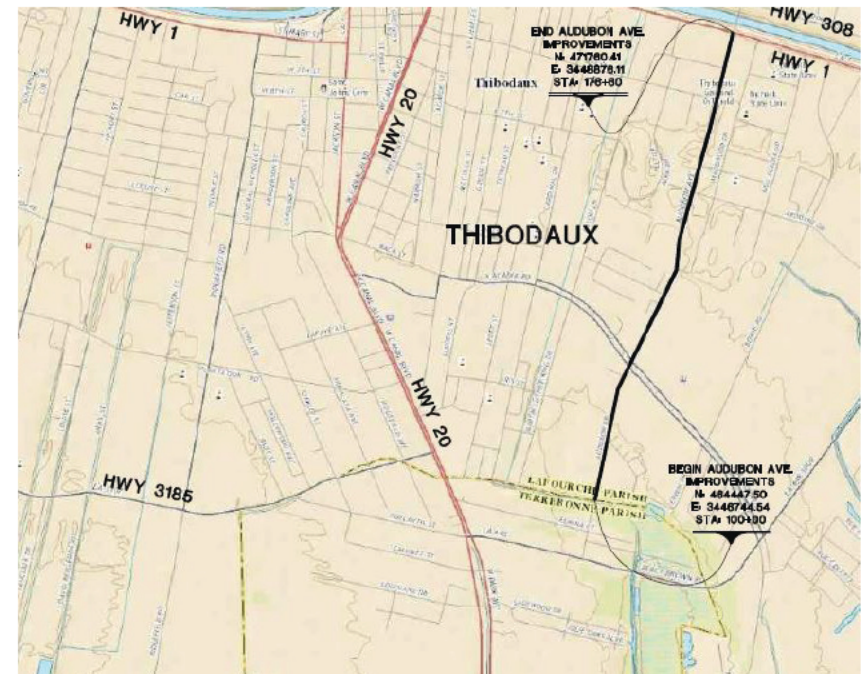
Services: Civil Engineering, Survey

Project Description:

Audubon Avenue is considered an Urban Minor Arterial roadway within the City of Thibodaux. It serves as a main route to Nicholls State University and Thibodaux Regional Medical Center. The need for this project is to rehabilitate aging roads within the Houma-Thibodaux urbanized area. This project aligns with the MPO's Metropolitan Transportation Plan's goal to "maintain the infrastructure system in a state of good repair."


Project scope consists of mill, patch, and overlay of 1.4 miles of asphalt roadway. Full depth rehabilitation will occur in areas that are severely deteriorated.

DDG will provide a topographic survey and define the project centerline with a reference system of benchmarks on a closed level circuit. A SUE survey will also be provided per DOTD's request. All survey work will conform to DOTD standards. DDG will also provide engineering services and construction support by responding to RFI's.



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name			Past Performance Evaluation Discipline(s)*	Planning, Environmental, Traffic, Road, Bridge
Project name	US 11 Environmental Assessment		Firm responsibility (prime or sub?)	Prime
Project number	H.000688.2	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	St. Tammany Parish, LA		Owner's Project Manager	Nicholas Olivier, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225 379 1133, nicholas.olivier@la.gov			
Services commenced by this firm (mm/yy)	04/13	Total consultant contract cost (\$1,000's)		\$768
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$716

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

Firm's Role: LADOTD contracted Arcadis and its sub-consultants to prepare an *Environmental Assessment* for the replacement of an historic railroad overpass and the upgrade of the existing undivided highway to a four-lane superstreet in Slidell, LA. The project goal was to promote mobility and safety along the corridor.

Firm Members Involved: Akhil Chauhan, Thomas Montz, Ari Deitch, David Fulks

Planning and Environmental: Arcadis completed *technical studies* to support the Environmental Assessment including wetlands and biological resource identification, Phase I Environmental Site Assessment, traffic noise and air quality analysis, socio-economic and community impact evaluation, floodplain management, and secondary and cumulative effects analysis. Additional studies and coordination completed for the project include a Phase I Cultural Resource Survey and Reporting and Public Involvement involving public information meetings and a public hearing for the Environmental Assessment. The results of technical studies and public involvement were summarized in the Environmental Assessment to support a Finding of No Significant Impacts (FONSI).

Traffic and Safety Improvements: Five existing intersections were reconfigured as either Restricted Crossing U-turn (RCUT) intersections or as median U-turn (MUT) intersections to eliminate side street left turns. The corridor was designed for WB-67 vehicles requiring that several loons and truck aprons be provided at U-turns. Vertical geometrics were designed for the main corridor as well as all side streets and a *3D design model was developed* to verify that construction limits were accurate, and that low ground clearance at railroad crossings was avoided.

Preliminary Roadway and Bridge Design: Arcadis performed all engineering services including *roadway and bridge line and grade and geometric design*, railroad track, ballast, and maintenance road design to evaluate clearance requirements with future planned rail additions, 3D design modeling of existing terrain, railroad full-build condition, and bridge and *roadway typical sections and geometric layouts for improvements*. Design drawings were used to accurately determine earthwork, construction limits, required right-of-way, and *construction cost estimates*.


Context Sensitive Design: The design includes *ADA compliant curb ramps and crosswalks* to incorporate the existing sidewalks and *accommodate pedestrian traffic*. Sufficient space was included within the roadway border for the future installation, by the City of Slidell, of a *multi-use path to accommodate bicyclists*. Finally, access to existing businesses was carefully balanced within the requirements of the *LADOTD Access Management Policy*.

Relevant Services

- Data Collection
- Traffic and Safety Analysis
- Alternative Screening
- Preliminary Roadway and Bridge Design
- Line and Grade
- Environmental Assessment
- Construction Cost Estimates
- Public Involvement
- Agency Coordination/Stakeholder Outreach

17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name			Past Performance Evaluation Discipline(s)*	Road, Bridge, Environmental, Traffic
Project name	I-49 SEIS Richoc to Berwick		Firm responsibility (prime or sub?)	Prime
Project number	H.011328	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	St. Mary Parish, Louisiana		Owner's Project Manager	Corey Landry
Owner's address, phone, email	1201 Capitol Access Rd., Room 201E, Baton Rouge, Louisiana 70802, 225 379 1889, corey.landry@la.gov			
Services commenced by this firm (mm/yy)	02/17	Total consultant contract cost (\$1,000's)		\$2,593
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$2,080

Firm's Role: Conceptual design, Alternatives development for National Environmental Policy Act (NEPA) compliance, Bridge and road line and grade analysis, wetland analysis, Socioeconomic/Environmental Justice, Visual imagery, Air and noise analysis/modeling; Phase I Environmental Site Assessments (ESA), Stakeholder/public outreach, Agency Coordination.

Firm Members Involved: Akhil Chauhan, Ari Deitch, David Fulks, Jason Morrell

Arcadis is preparing a Supplemental Environmental Impact Study (SEIS) for LADOTD along a 10-mile segment of Future I-49 South between Richoc and Berwick in St. Mary Parish. Previously, an Engineering Information Systems with Record of Decision (ROD) was completed for this section of future I-49. The scope of the SEIS is to investigate other alternatives which will facilitate a more feasible and cost-effective solution for upgrading this section of roadway to interstate standards.

Arcadis is currently evaluating alternatives within the Traffic Analysis phase of the project. This work has included geometric design, alternative evaluation, assessment of existing conditions, and evaluation of potential impacts of the alternatives being evaluated, in regard to such items as Right of Way, Social economic, Access Management, Local Connectivity, Railroad, Built

Relevant Services

- NEPA SEIS Environmental Documentation
- Wetlands and Other Waters Survey and Delineation
- Threatened and Endangered Species
- Permits Evaluation
- Phase I ESA
- Tier 1 and 2 Traffic Analysis
- Air and Noise Analysis
- Section 4(f) and 6(f)
- Public and Stakeholder Outreach/Meetings
- Agency Coordination
- Line and Grade Evaluation / Conceptual Design
- Cost Analysis



Figure 5: Potential Environmental Impacts (Wetlands and Prime Farmland).
Note: Developed Parcels not considered Prime Farmland

environment, construction costs and others, as needed to fully determine the initial feasibility of alternatives being evaluated. Following the completion of the traffic phase, Arcadis will proceed into a full Line and Grade/Conceptual design and Environmental Evaluation of the identified alternatives, including public, stakeholder, officials, and agency coordination/outreach.

Arcadis services for this contract include Line and Grade Study, Conceptual Design, Alternatives Screening Analysis, Tier 1/Tier 2 Traffic Analysis, Air and Noise Analysis, Highway Safety Manual Analysis, NEPA Environmental Evaluation, Land Use/Social economics/Community Impacts, Phase I ESA, Public and Stakeholder Outreach/Meetings, Agency Coordination, Scope and Budget Development and Cost Analysis.

17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	ARCADIS		Past Performance Evaluation Discipline(s)*	Planning, Traffic Env, Road
Project name	Pete's Highway Interchange Alternatives and Environmental Assessment		Firm responsibility (prime or sub?)	Prime
Project number	H 002397 2	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	Livingston Parish, LA		Owner's Project Manager	Catherine Mastin
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225 379 1652, catherine.mastin@la.gov			
Services commenced by this firm (mm/yy)	01/14	Total consultant contract cost (\$1,000's)		\$1,500
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$1,380

Firm's Role: High-priority funding allowed LADOTD to employ Arcadis to complete an *NEPA Environmental Assessment, Traffic Engineering, and Geometric Design Layouts*, including the establishment of apparent and required right-of-way, to improve congestion and operations.

Firm Members Involved: Akhil Chauhan, Thomas Montz, Ari Deitch, Justin Maderia, David Fulks, Jason Morrell

Alternatives Evaluation & Development: Preliminary alternatives retained from the Stage 0 feasibility study were refined and evaluated for constructability, temporary construction effects, construction costs, and permanent direct and indirect effects. Alternatives included two split diamond interchange options with roundabout, partial clover leaves, collector-distributor roads at Range Avenue and Pete's Highway (LA 16), and a diverging diamond interchange (DDI) at Range Avenue. Arcadis developed *geometric design drawings* for the DDI alternative including *line and grade* in accordance with LADOTD roadway and minimum design guidelines. Alternatives incorporated *context sensitive solutions* and complete streets policy through coordination with the LADOTD, parish, and planning organizations to include sidewalks and high visibility crosswalks.

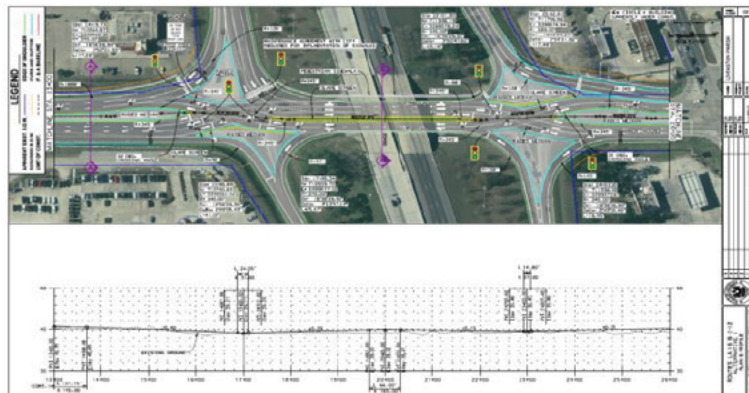


Figure: Diverging Diamond Interchange Alternative - Plan and Profile

satisfy federal requirements. Visual simulations of the complex traffic operations were used during the meetings along with displays of the alternatives and anticipated travel pattern changes.

Relevant Services

- Environmental Assessment
- Traffic Study/IMR
- Alternative Development/Screening
- Geometric Design Drawings
- Line and Grade
- Construction Cost Estimate
- Air and Noise Analysis
- Context Sensitive Solutions
- Public involvement/Stakeholder Outreach

Traffic Study & IMR: A traffic study was conducted to evaluate proposed alternatives. The traffic study scope included *data collection/analysis*, VISSIM model development and calibration, existing and future year scenario analysis, roundabout analysis, future volume projections, *alternative analysis*, proposed signing and striping layouts, and FHWA policy point/IMR documentation.

Planning & Environmental: Arcadis completed *technical studies* to support the Environmental Assessment including wetlands and biological resource identification, Phase I Environmental Site Assessment, traffic noise and air quality analysis, socio-economic and community impact evaluation, floodplain management, and secondary and cumulative effects analysis. Because of the complexity of the alternatives and high public profile of the project, Arcadis designed and coordinated a project website to facilitate ongoing dialogue with the community and provide information to the public. Arcadis *conducted public and stakeholder meetings* to obtain input and

17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	National Data & Surveying Services	Past Performance Evaluation Discipline(s) *	Data-Collection
Project Name	City of Mandeville Pedestrian and Bicycle Plan	Firm Responsibility (Prime or Sub?)	Sub
Project Number	H.972422.1, RCP Task MC-1.22	Owner's Name	Arcadis
Project Location	Mandeville, LA	Owner's Project Manager	Kester Hollier
Owner's Address, Phone, Email	3850 N Causeway Blvd., Suite 990, Metairie, LA 70002, (504) 343-9579		
Services Commenced by This Firm (mm/yy)	04/22	Total Consultant Contract Cost (\$1,000s)	13
Services Completed by This Firm (mm/yy)	05/22	Cost of Consultant Services Provided by This Firm (\$1,000s)	N/A

Describe the project including the firm's role and members involved. (Highlight members 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.

Highlighted Personnel to be Used: Kevin Deal and Gustavo Clavijo

Services: Data-Collection

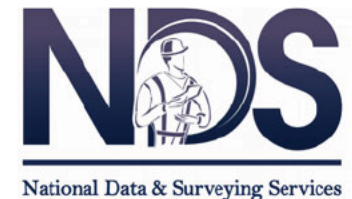
Project Description:

National Data and Surveying Services was contracted to collect:

- 8-7 day ATR classification counts
- 11-7 day pedestrian and bicycle counts

Role of Key Personnel:

Kevin Deal was the Project Manager for this contract and was responsible for the successful execution of all aspects of this contract. Gustavo Clavijo was the Project Coordinator and was responsible for daily communication to the DOT, project planning, and schedule execution. Tyler Shaw was responsible for managing and contributing to the data collection effort. Anthony Truong acts as the Lead Data Analyst and is responsible for the quality control, processing, analysis, data preparation, and data delivery for this contract.



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	NDS (National Data & Surveying Services)	Past Performance Evaluation Discipline(s) *		Data Collection
Project Name	US-190 Traffic Counts		Firm Responsibility (Prime or Sub?)	Sub
Project Number	N/A	Owner's Name	Neel-Schaffer	
Project Location	Mandeville, LA	Owner's Project Manager	Ellen Howard	
Owner's Address, Phone, Email	10000 Perkins Rowe, G360, Baton Rouge, LA 70810, (225) 924-0235, ellen.howard@neel-schaffer.com			
Services Commenced by This Firm (mm/yy)	10/21	Total Consultant Contract Cost (\$1,000s)		21
Services Completed by This Firm (mm/yy)	12/21	Cost of Consultant Services Provided by This Firm (\$1,000s)		N/A

Describe the project including the firm's role and members involved. (Highlight members 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.

Highlighted Personnel to be Used: Kevin Deal and Gustavo Clavijo

Services: Data Collection

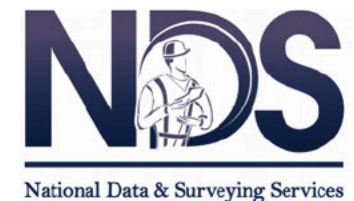
Project Description:

National Data and Surveying Services was contracted to collect:

- 29-48 hour approach ATR classification counts
- 20 TMC's peds, bikes, and heavy truck classification
- 94 driveway counts
- 2 radar (spot speed survey)

Role of Key Personnel:

Kevin Deal was the Project Manager for this contract and was responsible for the successful execution of all aspects of this contract. Gustavo Clavijo was the Project Coordinator and was responsible for daily communication to the DOT, project planning, and schedule execution. Tyler Shaw was responsible for managing and contributing to the data collection effort. Anthony Truong acts as the Lead Data Analyst and is responsible for the quality control, processing, analysis, data preparation, and data delivery for this contract.



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	NDS (National Data & Surveying Services)	Past Performance Evaluation Discipline(s) *	Data- Collection
Project Name	College Drive Traffic Counts	Firm Responsibility (Prime or Sub?)	Sub
Project Number	N/A	Owner's Name	Vectura Consulting Services
Project Location	Baton Rouge, LA	Owner's Project Manager	Laurence Lambert
Owner's Address, Phone, Email	P.O. Box 14269, Baton Rouge, LA 70898, (225) 223-6685, llambert@vecturacs.com		
Services Commenced by This Firm (mm/yy)	03/21	Total Consultant Contract Cost (\$1,000s)	20
Services Completed by This Firm (mm/yy)	04/21	Cost of Consultant Services Provided by This Firm (\$1,000s)	N/A

Describe the project including the firm's role and members involved. (Highlight members 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.

Highlighted Personnel to be Used: Kevin Deal and Gustavo Clavijo

Services: Data Collection

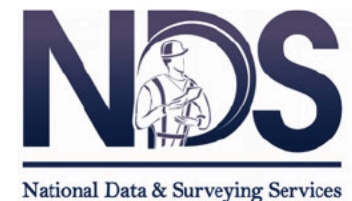
Project Description:

National Data and Surveying Services was contracted to collect:

- 32 - 48 hour ATR classification counts
- 12 - TMCs with demand, peds, bikes and heavy truck classification
- 91 driveway counts

Role of Key Personnel:

Kevin Deal was the Project Manager for this contract and was responsible for the successful execution of all aspects of this contract. Gustavo Clavijo was the Project Coordinator and was responsible for daily communication to the DOT, project planning, and schedule execution. Tyler Shaw was responsible for managing and contributing to the data collection effort. Anthony Truong acts as the Lead Data Analyst and is responsible for the quality control, processing, analysis, data preparation, and data delivery for this contract.



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	The Lakvold Group		Past Performance Evaluation Discipline(s) *		Other (Real Estate)
Project Name	US 80 Widening: Vancil Road to Well Road			Firm Responsibility (Prime or Sub?)	Sub
Project Number	H.009932		Owner's Name	CSRS, Inc.	
Project Location	Ouachita Parish, LA	Owner's Project Manager	Joe Earls		
Owner's Address, Phone, Email	8555 United Plaza Boulevard, Baton Rouge, LA, (833) 523-2526, joseph.earls@csrsinc.com				
Services Commenced by This Firm (mm/yy)	05/19	Total Consultant Contract Cost (\$1,000s)			Unknown
Services Completed by This Firm (mm/yy)	08/19	Cost of Consultant Services Provided by This Firm (\$1,000s)			\$7,200

Describe the project including the firm's role and members involved. (Highlight members 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.

Highlighted Personnel to be Used: Angela Lemoine

Services: Real Estate

Project Description:

Completed Conceptual Stage Relocation Plan based on various alternatives. The plan included viewing the project area and researching the market area and real estate transactions and available real estate inventory.

Project Management and Final Transportation Study and Deliverables. These tasks included providing the completed document for review and inclusion in the Environmental Assessment.



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	The Lakvold Group		Past Performance Evaluation Discipline(s) *		Other (Real Estate)
Project Name	Belle Chase Bridge & Tunnel			Firm Responsibility (Prime or Sub?)	Sub
Project Number	H.0049791		Owner's Name	CSRS, Inc.	
Project Location	Jefferson Parish & Plaquemines Parish, LA		Owner's Project Manager	Joe Earls	
Owner's Address, Phone, Email	8555 United Plaza Boulevard, Baton Rouge, LA, (833) 523-2526, joseph.earls@csrsinc.com				
Services Commenced by This Firm (mm/yy)	11/20	Total Consultant Contract Cost (\$1,000s)			Unknown
Services Completed by This Firm (mm/yy)	03/22	Cost of Consultant Services Provided by This Firm (\$1,000s)			\$120,000

Describe the project including the firm's role and members involved. (Highlight members 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.

Highlighted Personnel to be Used: Angela Lemoine

Services: Real-Estate

Project Description:

Completed Conceptual Stage Relocation Plan based on various alternatives. The plan included viewing the project area and researching the market area and real estate transactions and available real estate inventory.

Project Management and Final Transportation Study and Deliverables. These tasks included providing the completed document for review and inclusion in the Environmental Assessment.



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The project should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a subconsultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by the firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	The Lakvold Group	Past Performance Evaluation Discipline(s) *	Other (Real Estate)
Project Name	Interstate 10 Loyola Interchange Improvements	Firm Responsibility (Prime or Sub?)	Sub
Project Number	H.011670	Owner's Name	CSRS, Inc.
Project Location	Jefferson Parish, LA	Owner's Project Manager	Joe Earls
Owner's Address, Phone, Email	8555 United Plaza Boulevard, Baton Rouge, LA, (833) 523-2526, joseph.earls@csrsinc.com		
Services Commenced by This Firm (mm/yy)	01/18	Total Consultant Contract Cost (\$1,000s)	Unknown
Services Completed by This Firm (mm/yy)	08/19	Cost of Consultant Services Provided by This Firm (\$1,000s)	\$17,400

Describe the project including the firm's role and members involved. (Highlight members 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.

Highlighted Personnel to be Used: Angela Lemoine

Services: Data Collection

Project Description:

Completed Conceptual Stage Relocation Plan based on various alternatives. Plan included viewing the project area and research of the market area and real estate transactions and available real estate inventory. Completed the advanced acquisition of the Red Roof Inn.

Project Management and Final Transportation Study and Deliverables. These tasks included providing the completed document for review and inclusion in the Environmental Assessment. Analysis and research of the real estate market and completion of individual appraisals on the various parcels.



18. Approach and Methodology

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improved quality of efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated. **If the consultant has information it believes is proprietary, label it accordingly.**

Through DDG's participation in Stage 0, immense knowledge in and around the project's area, DDG's solid local presence, Arcadis' expertise in similar DOTD managed contracts, and DDG's familiarity with the City of Broussard's (COB) vision this team will be able to continue to walk the project methodically and efficiently through DOTD's project delivery process. For this planning and environmental assessment phase DDG has compiled a team with years of experience to best accommodate the project, DOTD, and COB. During this stage a clear description of budget, scope, and major design features will be established as the project's preferred alignment is identified. Upon completion of this stage a multitude of project specific components will be finalized including, but not limited to preferred alignments, sensitive issues, constructability concerns, known required real estate acquisitions, funding mechanisms, and required permits

TRAFFIC ENGINEERING SERVICES

Based on current traffic conditions and the major interchange at US 90 and LA 182, St. Nazaire Rd. provides an alternate route around the interchange and the proposed project will provide access back to Corne Road/Ambassador Caffery Pkwy. Proper intersection design and control at LA 96 due to the extension and LA 182 will be crucial as to not cause operational issues along LA 182 as these areas are highly traversed by daily commuters and vehicles.

A look at the existing safety in the area from the last three years of approved crash data (2019-2021) shows that none of the intersections where traffic counts are to take place are currently High PSI intersections. The most common crash types at the intersections are as follows: 1. LA 96 at LA 182 – Rear End 2. LA 96 at St. Nazaire Rd. – Right Angle 3. LA 182 at Lakeview Rd. – Rear End, Left Turn, Non-Collision, and Side Swipe (same direction) 4. US 90 at Corne Rd./Ambassador Caffrey Prkwy. – Rear End. Potential alternatives will look at potential solutions to correct these crash types.

The DDG Team plans to take an integrated, multi-disciplinary team, data-driven approach to quantify and improve transportation and safety operations at existing intersections but also along the proposed St. Nazaire extension. This approach enables us to deliver solutions consistent with the LADOTD Traffic Engineering Process and Report (TEPR) process. Our working knowledge of TEPR guidelines and requirements allows the DDG Team to mitigate common causes of delay with traffic studies and streamline analysis and reviews of traffic deliverables.

In accordance with the TEPR, we will first gather technical data on the study area along St. Nazaire, LA 96, LA 182, US 90 and Ambassador Caffery Pkwy. The DDG Team will contract a data collection firm to collect traffic counts and speed data as a reimbursable expense to their contract and will ensure counts are taken at approved locations with strict adherence to TEPR requirements concerning data collection time frames. Traffic data will then be processed and analyzed per the TEPR procedures to identify and define problems. Our traffic engineers will utilize their expertise in McTrans Highway Capacity Software for multi-period analysis of traffic data.

Once the problems are identified and defined in the safety and traffic operations area, the DDG Team will apply the process and tools such as Tier 1, Tier 2, Tier 3, and Tier 4 analyses as recommended in the TEPR. This process will require coordination and meetings with DOTD including the Existing and No-Build Results Meeting to identify the most cost-effective and practical solutions to alleviate the identified problems. Once DOTD approves the alternatives, we will develop cost estimates for the proposed concepts and document the findings in the final report.

SURVEY

Once the project has reached this point and a clear path forward is established then the project will roll into survey. The survey will give everyone a clear picture on the project's existing conditions. The existing topography, existing utilities, property and right-of-way lines, highway grades, rail-road tracks, etc. will all be evident. The review of this information will enable the line and grade and will be used by all parties to their benefit in the best approach and decision making possible.

18. Approach and Methodology

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improved quality of efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated. **If the consultant has information it believes is proprietary, label it accordingly.**

ENVIRONMENTAL EVALUATION

Our multidisciplinary team of engineers, planners, and environmental scientists will then begin the NEPA process in accordance with the LADOTD Stage 1 – Planning/Environmental Manual of Standard Practice. The first step in this process will be to review the Stage 0 Feasibility Study prepared by DDG and validate preliminary purpose and need, conceptual alternatives, environmental review, design criteria, agency and public involvement, and cost estimates given current conditions.

Next, the probable Class or Action (COA), study area, and logical termini will be discussed and confirmed with LADOTD and the COB. In preparation for this discussion, we will identify potential environmental issues, stakeholders, as well as participating and cooperating agencies from preliminary studies. Once LADOTD confirms the COA and logical termini with the Federal Highway Administration (FHWA), a Coordination Plan will be developed for LADOTD and COB review and concurrence. The Coordination Plan will include the environmental schedule, agency coordination plan, and public involvement plan.

Once DOTD concurs with the Coordination Plan and project schedule, the preliminary purpose and need statement from the Stage 0 will be verified and refined as needed. Views will then be solicited from LADOTD designated federal, state, and local agencies and officials, and organizations for the COB and Lafayette Parish. Concurrently with solicitation of views (SOVs), a public meeting will be scheduled to solicit feedback on preliminary alternatives advanced from the Stage 0 and Traffic Study. Preliminary alternatives will then be further refined to incorporate feedback/comments from the public involvement, including solicitation of views and public meeting, as needed.

Our GIS professionals will develop a GIS database for the project in an ESRI ArcGIS environment to support mapping for all project tasks. The database will include all data generated from preliminary project studies, as well as available secondary source data for environmental resources. Additional environmental constraints will be added to the database, refined, and updated throughout the project lifespan as primary source data from line and grade, traffic, and environmental studies is generated.

Preliminary alternatives advanced from SOV and public meeting will be used to develop a project study area for environmental field investigations. Required right-of-way (ROW) for the proposed alternatives will serve as the limits for environmental field surveys. Cultural resources, noise, and air quality may require larger screening areas, but no technical studies will be conducted on an area smaller than required ROW for project alternatives. Our environmental team will work with design to develop a sufficient ROW to account for potential alignment shifts. This approach ensures technical resource staff only have to conduct field work once, reducing the risk of budget overruns and schedule delays.

Upon completion of environmental technical studies, alternatives will be analyzed for impacts to environmental resources and may be further refined to include a NEPA derived alternative. An environmental document will then be drafted based on the COA confirmed by FHWA that identifies and supports the preferred alternative following LADOTD and FHWA NEPA guidelines. If an Environmental Assessment (EA) is required, a public hearing will be held upon FHWA approval of the Draft EA.

Our NEPA planners, ecologists, archeologists, historians, and air and noise specialists bring together local and nationwide expertise supporting federally funded transportation projects. This depth provides our team the flexibility and agility to assign tasks to the most qualified staff based on complexity, availability, and schedule. Our team's experience completing FHWA NEPA documents on behalf of LADOTD ensures deliverables receive little to no comments, reducing schedule delays and budget overruns. We will serve as LADOTD and the COB's advocate throughout the NEPA process and leverage our depth of experience to facilitate expedited agency reviews.

18. Approach and Methodology

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improved quality of efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated. **If the consultant has information it believes is proprietary, label it accordingly.**

CONCEPTUAL STAGE RELOCATION PLAN (CSRP)

Leading into the next phase of the project the CSRP will follow this step-by-step process.

- Obtain the line and grade maps overlayed on the assessor kmz files with the required areas highlighted.
- Create spreadsheets noting all property owners, property types, required areas, etc.
- Ride the project and note improvements in required areas, and potential impacts to businesses and residential properties.
- Determine the number and type of potential relocations and photograph these parcels.
- Determine the number and type of appraisals required. Identified properties that will require a cost consultant, business valuation expert, forester, etc.
- Research comparable sales in the market area to determine the value of the real estate to be acquired.
- Complete excel spreadsheets with various charts and information required for the report preparation.
- Research market area, demographic data, and other information needed for report preparation.
- Prepare a draft of the report

PUBLIC INVOLVEMENT

Our public involvement plan will include options for engaging stakeholders and the public both online and through public meetings, following guidance for EAs from the LADOTD Manual of Standard Practice and FHWA. The plan will identify stakeholders in the project boundaries, such as BSNF Railway and the Zoo of Acadiana, and build a database of contacts. Stakeholders will be key to establishing an outreach network to provide information and seek input from the public. The plan will include options for conducting meetings using online video conference platforms utilizing live or recorded presentations with an opportunity for live Q&A or online feedback submission. Public meetings and hearing will follow all guidelines for public safety and accessibility.

Our public involvement team also has expertise with outreach to local media, social media networks, public libraries, and others to provide information to local governments, stakeholder groups and the public. Other tools for gathering input such as online public opinion polls, a project website, and targeted social media messages with links to provide input via smartphone can be made available and tailored to fit LADOTD/COB project needs. The public involvement team can also provide a toolkit of resources to local elected officials or project team members to conduct smaller outreach meetings at civic, business or neighborhood organization meetings to inform the public and build awareness of the process for providing input. The public participation plan can be evaluated by performance measures that include participation at meetings, online input, public comments, and survey responses. Public involvement metrics can be provided to LADOTD and FHWA to document public participation in the project planning process.

ENGINEERING

To jumpstart this phase DDG will attend the pre-design meeting. The team will come prepared with a list of questions and specific items of note so an efficient and meaningful meeting can take place. The meeting will help familiarize DOTD and the design team on all components of the project. Specific timelines, roles, responsibilities, process, procedures, and expectations will be established. DDG was the consultant who prepared the Stage 0 study in conjunction with the Acadiana Planning Commission (APC) and DOTD. DDG will begin the line and grade study by reviewing the last items coordinated at the time the Stage 0 was completed. In addition, DDG will take into account supplemental items addressing the needs of the COB that has been brought to their attention post Stage 0. During the line and grade study both the horizontal and vertical alignments will further be solidified. DDG is the prime consultant for the I49/ Ambassador Caffery Parkway interchange. The latest layout for this referenced project will be overlaid onto the most current St. Nazaire alignment to ensure no conflicts have come up. However, during the course of the stage 0 study DDG coordinated the St. Nazaire tie-in with Corne Road to ensure to conflicts between the two projects.

Once the details, design criteria, and layout alternatives are finalized DDG will present the findings in DOTD's respective deliverable format.

18. Approach and Methodology
Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improved quality of efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated. **If the consultant has information it believes is proprietary, label it accordingly.**

PROPOSED PROJECT SCHEDULE

SCOPE	SCHEDULE
Traffic Study	Begin Month 1 • End Month 15
Environmental Evaluation	Begin Month 12 • End Month 24
Survey	Begin Month 6 • End Month 9
Line and Grady Study	Begin Month 24 • End Month 31

Total Duration: 31 Months



19. WORKLOAD

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.
List only the portion of the fees attributable to firms on the team.

Firm	Past Performance Evaluation Discipline(s) *	State Project No.	Project Name & Location	Remaining Unpaid balance
DDG	Road, Survey Right-of-Way, Bridge	SPN H. 002868	I49S Ambassador Caffery / US90 Interchange	\$127,054
DDG	Road, Survey	H.013269	Audubon Ave Overlay: LA 1 to Terrebonne P/L	\$105,948
ARCADIS	CE&I / OV	H.011220.6-1	I-10 CBD2 Carrollton-Lafitte Ave and Supplement Nos. 1 & 2	\$151,998
ARCADIS	CE&I / OV	H.013710.6	I-10: US 61 to Laplace ITS Deployment	\$427,835
ARCADIS	CE&I / OV	H.012018.6	Adaptive Traffic Signal Design and Implementation	\$17,741
ARCADIS	CE&I / OV	H.012901.6, H.010634.6	US 90Z (Bodenger Blvd. – Stumpf Blvd.)	\$281,551
ARCADIS	Traffic	H.011328.2	I-49 South (Ricochoc to Berwick)	\$172,040
ARCADIS	Traffic	H.012889.5	I-20 Rehab (Pines Road to I-220)	\$80,568
ARCADIS	Traffic	H.003370	I-220/I-20 Interchange IMP & BAFP Access Design Build	\$15,000
ARCADIS	Traffic	H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$393,865
ARCADIS	Traffic	H.005121	LA 1/LA 415 Connector	\$105,842
ARCADIS	Traffic	H.972419.1	SHSP Update and Regional SHSP Marketing/Advertising Support	\$6,957
ARCADIS	Traffic	H.013797	LA 30: EBR PL – I-10	\$442,095
ARCADIS	Traffic	H.000413	Cross Bayou Bridge Replacement	\$138,479
The Lakvold Group	Other (Real Estate)			N/A
NDS	Data Collection			N/A

20. Certifications/Licenses: If the advertisement requires submission of licensed and/or certifications, include them here. Otherwise, leave this section blank.

ADDITIONAL RELEVANT CERTIFICATIONS



20. Certifications/Licenses: If the advertisement requires submission of licensed and/or certifications, include them here. Otherwise, leave this section blank.

ADDITIONAL RELEVANT CERTIFICATIONS

Transportation Professional Certification Board Inc.

certifies that

Justin M. Madecia

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

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

*unless withdrawn by the Certification Board and subject to the provisions for renewal
Certificate number 3455 issued in Washington, D.C. U.S.A.
July 22, 2013*

Timothy P. Harpist
Chair



Executive Director

Transportation Professional Certification Board, Inc.

certifies that

Justin M. Maderia

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

Professional Transportation Planner

*unless withdrawn by the Certification Board and subject to the provisions for renewal
Certificate number 604 issued in Washington, D.C. U.S.A.*

Michael R. Park
Chair



Executive Director



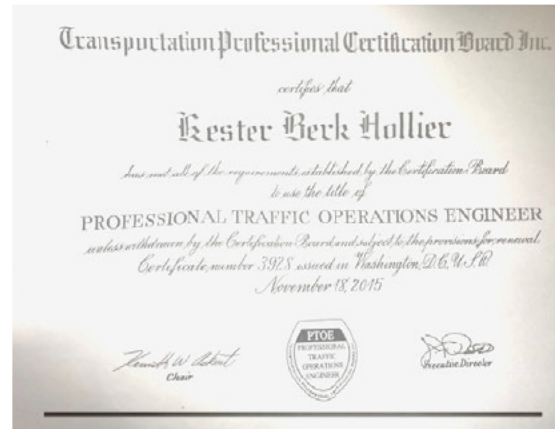
PROFESSIONAL LICENSING

GEORGIA SECRETARY OF STATE BRAD RAFFENSPERGER

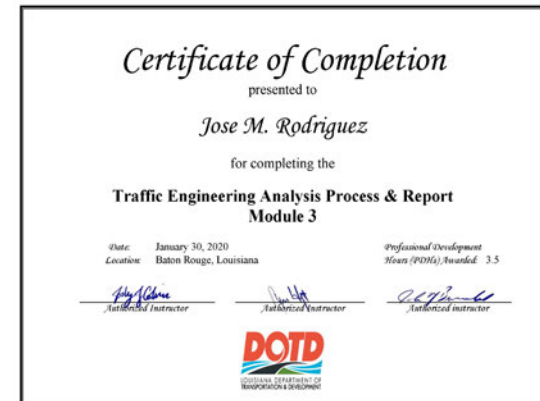
CORPORATIONS • ELECTIONS • LICENSING • CHARITIES

Licensee Details

Licensee Information		
Name: Thomas Harold Brown, Jr.		
Address: Marietta GA 30068		
Primary Source License Information		
Lic #	Prelicense: Landscape Architects	Type: Landscape Architect
Secondary:	Method: Examination	Status: Active
Issue: 7/2/2014	Expires: 12/31/2022	Last Renewal: 12/31/2020
Associated Licenses		
No Prerequisite Information		
Public Board Orders		
Please see Documents section below for any Public Board Orders		
Other Documents		
No Other Documents		



ADDITIONAL RELEVANT CERTIFICATIONS



20. Certifications/Licenses: If the advertisement requires submission of licensed and/or certifications, include them here. Otherwise, leave this section blank.

ADDITIONAL RELEVANT CERTIFICATIONS



✓ Passed Notification
t@ite.org <info@ite.org>
4/8/2021 9:52
a: maxaguirre92@outlook.com <maxaguirre92@outlook.com>

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

Max Aguirre, Ph.D., PE, PTOE, RSP1
Arcadis, US Inc

It is my pleasure to inform you that you have passed the written examination and are certified as a Professional Traffic Operations Engineer® (PTOE). As a PTOE you will be recognized as one of a specialized group of professionals with the set of skills and expertise needed to successfully solve and implement solutions and create better communities. You will receive a letter with your specific exam details within the next few weeks.

The Certification Board previously determined you met all other requirements for certification. If there is no balance due [on your account](#), you may now use the title Professional Traffic Operations Engineer® and/or the initials PTOE in the conduct of your professional practice. If payment is outstanding, you must pay the balance due and only then are you a PTOE.

While you wait for your certificate, your PTOE certification number is **5,291**. You should receive your certificate in 120 days. If you wish your name to appear on the certificate any differently from how it is shown here, please contact Ann O'Neill immediately at certification@tpcb.org.

Max Aguirre, Ph.D., PE, PTOE, RSP1

Your initial certification fee covers a three-year period and will expire 7/13/2025.

At the end of the three-year period, your certification may be renewed without examination if you demonstrate that you have met

Certificate of Completion
presented to
Max Aguirre
for completing the
**Traffic Engineering Analysis Process & Report
Module 1**

Date: January 29, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor: [Signature]
Authorized Instructor: [Signature]
Authorized Instructor: [Signature]

DOTD
Louisiana Department of Transportation & Development

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, U.S.A.
3/27/19

Diane M. Morahan
Chair

PTOE PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Jeffrey F. Panati
Executive Director

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, U.S.A.
3/27/19

Diane M. Morahan
Chair

PTOE PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Jeffrey F. Panati
Executive Director

Certificate of Completion
presented to
Skyler Waaso
for completing the
**Traffic Engineering Analysis Process & Report
Module 1**

Date: Feb 23, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 1

DOTD
Louisiana Department of Transportation & Development

Certificate of Completion
presented to
Skyler Waaso
for completing the
**Traffic Engineering Analysis Process & Report
Module 2**

Date: Feb 23, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 1

DOTD
Louisiana Department of Transportation & Development

Certificate of Completion
presented to
Skyler Waaso
for completing the
**Traffic Engineering Analysis Process & Report
Module 3**

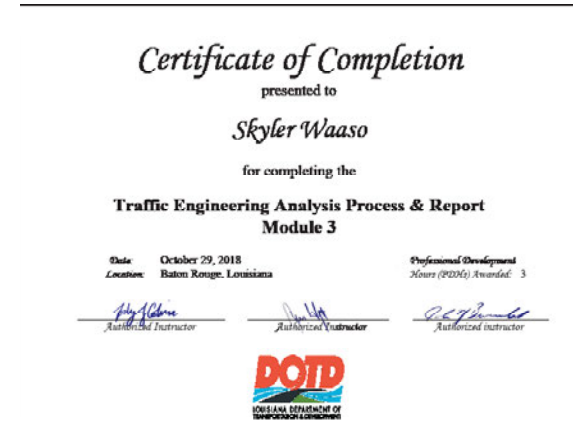
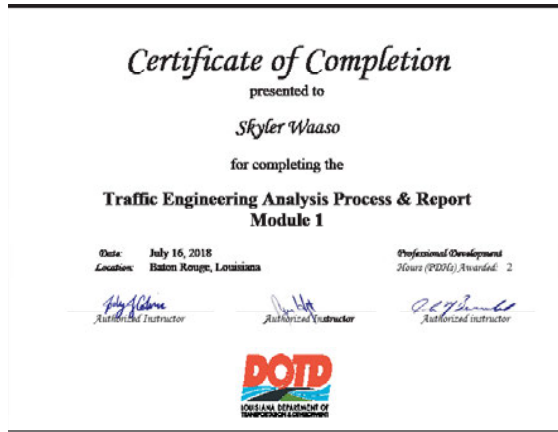
Date: October 16, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 1

DOTD
Louisiana Department of Transportation & Development

20. Certifications/Licenses: If the advertisement requires submission of licensed and/or certifications, include them here. Otherwise, leave this section blank.

ADDITIONAL RELEVANT CERTIFICATIONS



20. Certifications/Licenses: If the advertisement requires submission of licensed and/or certifications, include them here. Otherwise, leave this section blank.



22. SUB-CONSULTANT INFORMATION

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

Firm (as registered with Louisiana's Secretary of State)	Address	Point of Contact and Email Address	Phone Number
Arcadis U.S, Inc.	10352 Plaza Americana Drive Baton Rouge, LA 70816	Akhil Chauhan, PE, PMP, PTOE, PTP akhil.chauban@arcadies.com	225-244-6589
National Data + Surveying Services (NDS)	3032 Ridgelake Drive; Ste 103 Metairie, LA 70002	Gustavo Clavijo gustavo@ndsdata.com	504-513-4555
The Lakvold Group, LLC	4520 Jamestown Ave.; Ste 1 Baton Rouge, LA 70808	Angie Lakvold angielakvold@cox.net	225-248-99984

(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.