

TECHNICAL PROPOSAL

US 190 (Vine Street) Reconstruction Engineering and Related Services

Louisiana Department of Transportation and Development (LADOTD)
Providence Proposal No. 2022-040-540

11/01/2022



DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised March 1, 2022)

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

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

Prime consultant 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	US 190 (Vine Street) Reconstruction
2. Contract number(s) as shown in the advertisement	4400025047
3. State Project Number(s), if shown in the advertisement	H.011358.2
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	Providence Engineering and Environmental Group LLC
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.0002504 / VF. 0000648
6. Prime consultant mailing address	1201 Main Street Baton Rouge, LA 70802
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1201 Main Street Baton Rouge, LA 70802
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Aimee' Killeen, Chief Operating Officer (225) 766-7400 aimeekilleen@providenceeng.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Aimee' Killeen, Chief Operating Officer (225) 766-7400 aimeekilleen@providenceeng.com
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the	

designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.

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

Signature (shall be the same person as #9):

Aimee P. Killean

Date: **11/1/2022**

Firm(s): **Urban Systems Inc. (USI)**

Firm(s)' %: **21% (DBE Goal: 2%)**

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://www.sp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf. (same link as in the advertisement)

Evaluation Discipline(s)	% Of Overall Contract	Providence (Prime)	Mark Gremillion (Sub)	Arcadis (Sub)	Franklin (Sub)	Urban Systems (Sub)	Each Discipline Must Total 100%
Environmental	40%	90%	0%	10%	0%	0%	100%
Traffic	25%	0%	0%	15%	0%	85%	100%
Appraiser	5%	0%	100%	0%	0%	0%	100%
Other (Outreach)	10%	0%	0%	0%	100%	0%	100%
Road (Line and Grade)	20%	0%	0%	100%	0%	0%	100%

% Of Contract	100%	36%	5%	28%	10%	21%	----
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13. Firm Size:

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

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

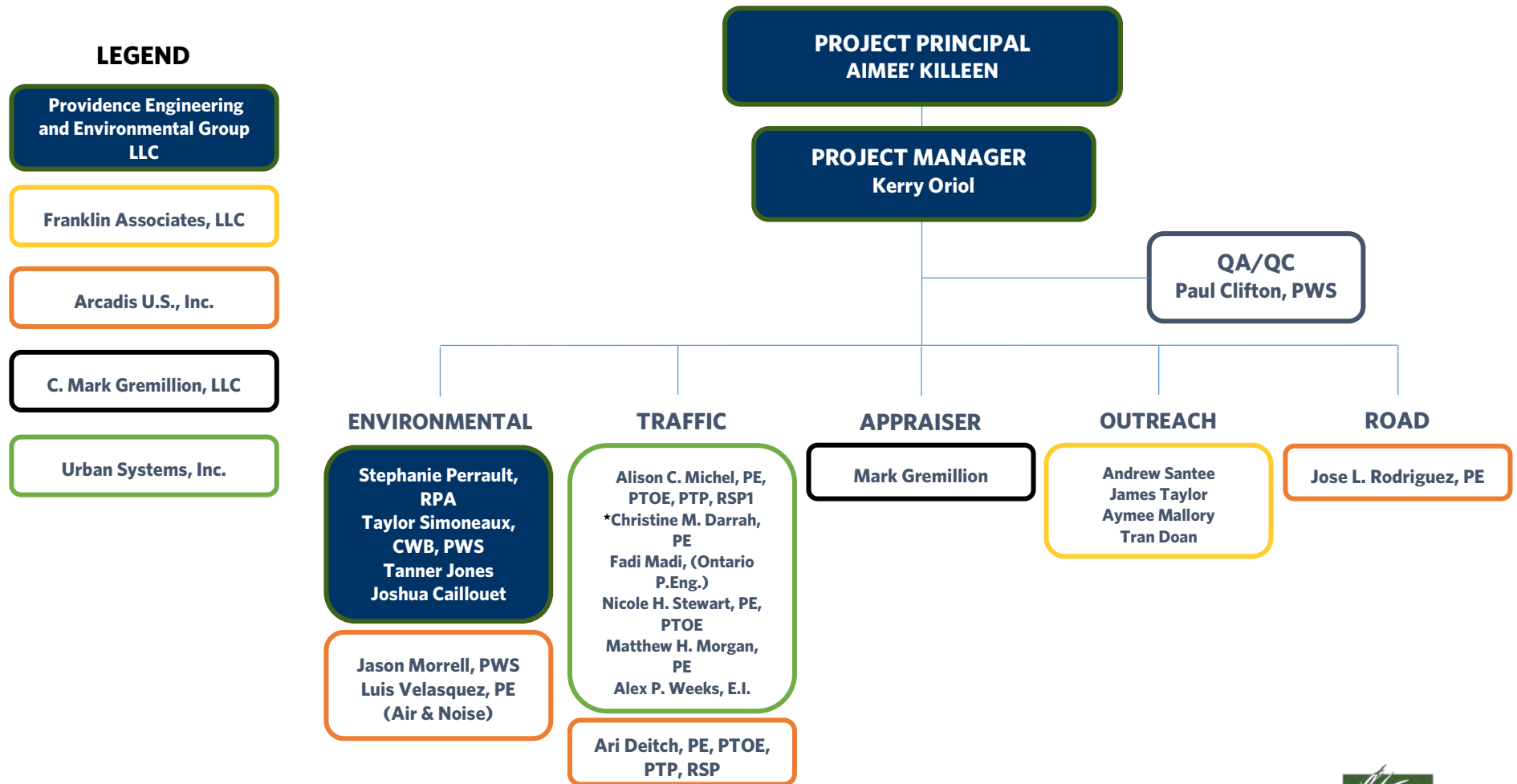
Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Providence Engineering and Environmental Group LLC	Principal	1	3
	Archaeologist	1	1
	Biologist/Wetlands	1	6
	Environmental Manager	1	1
	GIS Analyst	1	2
	Technician (Environmental)	1	3
Arcadis U.S., Inc.	Supervisor-Eng	1	4
	Environmental Manager	1	4
	Engineer	2	8
Franklin Associates, LLC	Planner	4	8
C. Mark Gremillion, LLC	Other (Real Estate Appraiser)	1	4
Urban Systems, Inc.	Supervisor-Eng	1	1
	Engineer	3	3
	Engineer-Other	1	1

	Engineer Intern	1	2
	CAD Technician	1	2
	Technician	1	3

(Add rows as needed)

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.



Prime consultant name: **Providence Engineering and Environmental Group LLC**



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 No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	Aimee' Killeen	Providence Engineering and Environmental Group LLC			
2	Kerry Oriol	Providence Engineering and Environmental Group LLC	NEPA and Transportation and Decision Making Process (NHI Course #142005)		
3	Stephanie Perrault, RPA	Providence Engineering and Environmental Group LLC	Professional Archaeologist #33714583	LA	01/01/2023
4	Mark Gremillion	C. Mark Gremillion, LLC	General Appraiser #G0714	LA	12/31/2023
5	Jose L. Rodriguez, PE	Arcadis U.S., Inc.	Professional Engineer #30492	LA	03/31/2023
6	Ari Deitch, PE, PTOE, PTP, RSP	Arcadis U.S., Inc.	Professional Engineer #41842 Professional Traffic Operations Engineer #3928	LA	03/31/2023 11/31/2024
6	Alison C. Michel	Urban Systems, Inc.	Professional Engineer #30261 Professional Traffic Operations Engineer #1023 Professional Transportation Planner #626 Road Safety Professional 1 #115	LA	3/31/2023 11/6/2023 11/20/2023 12/21/2024

(Add rows as needed)

Prime consultant name: **Providence Engineering and Environmental Group LLC**



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:		Providence Engineering and Environmental Group LLC	
Name	Paul Clifton, PWS	Years of relevant experience with this employer	18
Title	Impact Assessment Group Managing Director	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization:		MS / 1986 / Forestry BS / 1982 / Forestry	
Active registration number / state / expiration date		3326 / LA / 01-09-2026	
Year registered	2012	Discipline	Professional Wetland Scientist
Contract role(s) / brief description of responsibilities		QA/QC Officer	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
(06/19-Ongoing)	Project Manager: <i>Louisiana Department of Transportation and Development (LADOTD), Belle Chasse Bridge and Tunnel Replacement Project, Jefferson and Plaquemines Parish, LA.</i> As a subconsultant to Traylor Massman - Joint Venture, Providence is providing environmental compliance assistance to the first public/private/partnership transportation project in Louisiana. Providence has developed a Comprehensive Environmental Protection Plan (CEEP) for the project. Providence has also provided Stormwater Pollution Prevention Plans (SWPPP) and Spill Prevention Control/Spill Prevention Control and Countermeasures (SPC/SPCC) plans/guidance, and developed training modules for construction personnel regarding sensitive resources. Providence is also providing on-site inspection services throughout the project’s construction cycle. Responsibilities: Project Manager for the environmental compliance component of the project. Responsible for assisting the client in environmental training and compliance, assistance with local, state, and federal permitting; sensitive species and wetlands surveys, Stormwater Pollution Prevention and Control Plans, audits, and inspections.		
(2017)	Wetlands Task Manager: <i>Louisiana Department of Transportation and Development (LADOTD), I-10:415 To Essen Lane on I-10 and I-12, State Project No.H.004100.2; Federal Aid Project No.H004100, East and West Baton Rouge Parishes.</i> Managed wetland analysis fieldwork and reporting for a 550-acre corridor for the widening of I-10 and I-12 in East and West Baton Rouge Parishes. Responsibilities: Project oversight, resource allocation, and personnel management.		
(2020)	Project Manager: <i>Coastal Protection and Restoration Authority, West Grand Terre Beach Nourishment and Stabilization Project (BA-0197) Jefferson Parish, LA.</i> Conducted field surveys for nesting birds and/or species of conservation concern for three months during the demolition phase of a beach nourishment project on West Grand Terre Island. Providence biologists coordinated the progress/observations with the US Fish and Wildlife Service, the Louisiana		

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	Department of Wildlife and Fisheries, and the CPRA project manager. Responsibilities: Fieldwork, Species Identification, Reporting, Data management.
(2017)	Project Manager: <i>St. Helena Parish Bridge Replacements, St. Helena Parish Police Jury (Subconsultant to Aucoin & Associates.</i> Wetland delineations, jurisdictional determination requests, and U.S. Army Corps of Engineers Nationwide Permitting for six bridge replacement projects in St. Helena Parish. Responsibilities: Project management, resource allocation, and quality assurance/quality control.
(2016)	Project Coordinator: <i>East Baton Rouge Parish Department of Public Works, Lemon Road Bridge Replacement Project, East Baton Rouge Parish, LA.</i> Wetlands and ecological compliance assistance. Development and submittal of a wetland data report/jurisdictional determination request and Pre-Construction Notification for submittal to the New Orleans District of the U.S. Army Corps of Engineers. Responsibilities: Project oversight and personnel management.
(2016)	Project Coordinator: <i>East Baton Rouge Parish Department of Public Works, East Baton Rouge Parish, LA.</i> Wetlands and ecological compliance assistance for the Nicholson Road Widening Project. Development and submittal of a wetland data report/jurisdictional determination request and Pre-Construction Notification for submittal to the New Orleans District of the U.S. Army Corps of Engineers. Responsibilities: Project oversight and personnel management.
(2016)	Project Coordinator: <i>Sigma Consulting/ Parish of West Feliciana Department of Public Works, West Feliciana Parish, LA. Wetlands</i> and ecological compliance assistance for the Jacock Road Bridge Replacement Project in West Feliciana Parish. Development and submittal of a wetland data report/jurisdictional determination request and Pre-Construction Notification for submittal to the New Orleans District of the U.S. Army Corps of Engineers. Responsibilities: Project oversight, personnel management, and quality assurance/quality control.
Paul Clifton, PWS <i>has been involved with project management and coastal, wetlands, and ecological compliance services since 1991. He is experienced in regulatory compliance needs specific to the energy sector, having managed multiple complex projects for natural gas, crude, and product pipelines as well as facility developments and expansions. Mr. Clifton has managed contracts for coastal restoration projects with the Louisiana Department of Natural Resources and statewide environmental permitting for the Louisiana Department of Transportation and Development, in addition to projects for Louisiana's Coastal Protection and Restoration Authority (CPRA), and other public sector entities.</i>	

Firm employed by:		Providence Engineering and Environmental Group LLC	
Name	Aimee' Killeen	Years of relevant experience with this employer	14
Title	Chief Operating Officer	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization:		BS / 1997 / Environmental Management Systems	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Principal	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
(2016)	CPRA, St. Tammany Parish Water Quality Study, LA. Utilizing LaQUAL, Ms. Killeen and her team ran multiple water quality models for water bodies in St. Tammany Parish to project what improvements in ambient conditions would result from identified projects in impacted watersheds. From the model output, the team was able to provide recommendations to the Parish for prioritizing sewer infrastructure and drainage projects based on cost, revenue generation, and improvements in ambient water quality in correlation with parish planning objectives.		
(2017)	Project Manager: Terrebonne Parish Consolidated Government, Ashland Wetland Assimilation, LA. Feasibility and baseline studies for various municipal treatment systems throughout the state. Wetland assimilation feasibility studies included site identification, verification, research, and completion of LDEQ permit documentation. Baseline studies included actual data collection to establish the baseline conditions.		
(2015)	Project Manager: Louisiana Department of Environmental Quality (LDEQ), Wetland Assimilation Projects, LA. Feasibility and baseline studies for various municipal treatment systems throughout the state. Wetland assimilation feasibility studies included site identification, verification, research, and completion of LDEQ permit documentation. Baseline studies included actual data collection to establish the baseline conditions.		
(2020)	Traylor Bros. Inc. LLC, Belle Chasse Bridge and Tunnel Replacement, Plaquemines and Jefferson Parishes, LA. Assistance with preparation of a Storm Water Pollution Prevention plan.		
<p>Ms. Killeen has twenty-two years of experience in water quality regulation and policy. She has a wide range of experience with environmental water permitting and regulatory compliance. She is routinely involved in the following water related project areas: environmental site inspections; National Pollutant Discharge Elimination System (NPDES) and state (LPDES) water permitting, permit negotiations, compliance management; storm water plan development, implementation and training; municipal separate storm sewer system permitting and compliance; use attainability analysis development; concentrated animal feeding operations; sewage sludge and biosolids disposal and permitting; water quality modeling; implementation of state surface water quality standards and legal consulting.</p> <p>Ms. Killeen has extensive experience in resolving water quality/wastewater regulatory permitting and compliance issues and technical issues in connection with the Clean Water Act for a significant cross-section of clients in the Gulf South Region. Ms. Killeen’s water permitting and compliance experience involves industrial/manufacturing sectors, including petrochemicals; organic chemicals; plastics; pulp and paper and</p>			

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other forest products industries; electric power generation; petroleum refining; petroleum pipelines; oil and gas exploration and production; synthetic rubber; agricultural chemicals; primary metals; inorganic chemicals; concentrated animal feeding operations (CAFOs), and public-sector dischargers including local government and city/town publicly-owned treatment works (POTWs). Ms. Killeen's experience with water permitting includes both direct discharges to surface waters as well as indirect discharges into POTWs under sanitary sewer industrial user pretreatment programs.

As an environmental scientist with the LDEQ, Ms. Killeen prepared hundreds of NPDES permits both for major and minor facilities, including municipal, industrial, and privately-owned treatment works. She has been involved in every aspect of NPDES water permitting including: the development of complex NPDES permit applications; preparation of sampling and analysis plans; application submittal; development of effluent requirements and conditions; calculation of water quality and technology based effluent limits, public notice of water quality management plan updates and draft permits; negotiations with EPA; facilitation of public hearings and meetings; response to public and third party comments; basis for decision development; reasonable potential analysis; antidegradation; as well as permit appeals and hearings.

Ms. Killeen also has particular expertise in water quality-based permitting issues which involve derivation of permit limitations based upon the ambient water quality conditions of the receiving water body. Water quality-based permitting involves the derivation of discharge limitations based on a state's ambient water quality standards that apply to the receiving water body. Ms. Killeen has specific experience with the two primary processes through which water quality-based effluent limitations (WQBELs) are established: (1) the "reasonable potential to exceed ambient water quality standards" analysis of individual mixing zone waste loadings and (2) the watershed TMDL process. Ms. Killeen has extensive experience in assisting permittees in negotiating technically sound wastewater discharge permits, achieving their permitting objectives, and resolving complex water quality issues involving both the individual mixing zone allocation process and the TMDL process.

Firm employed by:		Providence Engineering and Environmental Group LLC	
Name	Kerry Oriol	Years of relevant experience with this employer	22
Title	National Environmental Policy Act (NEPA) Project Manager	Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization:		BS / 1989 / Fish and Wildlife Biology	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Project Manager	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
(01/20-Ongoing)	Environmental Project Manager: <i>Belle Chasse Bridge and Tunnel Replacement, Plaquemines Parish, LA.</i> The preparation of a Comprehensive Environmental Protection Plan (CEPP) for the implementation of a LA DOTD transportation project. This first in the state plan requested by the LA DOTD involved the preparation of a master document designed to ensure commitments made in project’s Environmental Assessment and permits as well as other applicable environmental regulatory requirements would be met before, during, and immediately after project construction. Multiple individual plans and training modules were developed to be housed within the CEPP with the goal of having no violations of environmental permits, mitigation, commitments, or regulations. Responsibilities: Development of the plan format and content, preparation of multiple sections and training materials, consistency review, and quality review. The plan was completed and accepted by the client and LA DOTD in May 2021 with Providence team members providing construction oversight and inspection that will continue through completion of construction.		
(07/20-Ongoing)	Environmental Project Manager: <i>Mississippi River Bridge GBR: LA 1 to LA 30 Connector, EBR, WBR, Ascension, Iberville, LA.</i> This project includes an Enhanced Planning investigation with the ultimate objective to construct a new crossing of the Mississippi River. Providence, as a subconsultant to Atlas Technical Consultants, LLC, is providing environmental services. Responsibilities: Management of project schedule, NEPA process and NEPA document development, development of the purpose and need statement, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.		
(01/19-Ongoing)	Environmental Project Manager: <i>Mississippi River Bridge GBR: LA 1 to LA 30 Connector, EBR, WBR, Ascension, Iberville, LA.</i> A reevaluation of an existing EA for a LA 1/LA 415 Connector involving a new bridge over the Gulf Intracoastal Waterway, necessary to consider a change in bridge height and possible relocation of approved right-of-way. Efforts include a vessel study and reevaluation of traffic data to assess design modifications and potential right-of-way modifications. Responsibilities: Management of project schedule, NEPA process and NEPA document revision, including		

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	revision of supporting technical studies, coordination with state agencies, environmental, analyses, organization of agency meetings, and development of public information and agency involvement plans.
(09/11-Ongoing)	Environmental Project Manager: <i>I-49 Inner Connector Stage 1 Environmental Impact Statement, Shreveport, Caddo Parish, LA.</i> Environmental Impact Statement (EIS) and interchange reports for the proposed I-49 Inner City Connector. Project involves all necessary engineering and environmental investigations to obtain environmental clearance on construction of a connector linking the existing I-49 to future I-49 North around Shreveport. Responsibilities: Management of project schedule, NEPA process and NEPA document development, development of the purpose and need statement, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.
(01/17-02/21)	Environmental Project Manager: <i>I-10 Corridor Study: LA 415 to Essen on I-10 and I-12, Stage 1 Environmental Assessment, East and West Baton Rouge Parishes, LA.</i> A study of Interstate 10 (I-10) through Baton Rouge to develop feasible improvements and to obtain an environmental decision to implement improvements to I-10 and I-12 from the LA 415 interchange to the I-10 and I-12 interchanges at Essen Lane. Efforts include the analysis of existing conditions along I-10 along with implementation of various concepts to recommend a preferred alternative. Various concepts include widening existing infrastructure and revising interchanges. Extensive public outreach efforts are also included in this project to ensure public input is received throughout the process. Responsibilities: Management of project schedule, NEPA process and NEPA document development, coordination of all work with six sub-consultants, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.
Kerry Oriol has over 32 years of multidisciplinary experience in the environmental field. She has expertise in project management, NEPA documents and public outreach requirements, including Environmental Impact Statements (EIS), Environmental Assessments (EA), Environmental Assessment Statement (EAS), and Natural Resource Damage Assessments (NRDA), ecological studies and biological assessments, and mitigation planning and implementation for project specific impacts. Ms. Oriol's pre-consulting experience involved working in the former Water Pollution Control Division of the Louisiana Department of Environmental Quality's (LDEQ) Office of Water Resources and as a research associate with Louisiana State University (LSU). Kerry is certified in NEPA and Transportation and Decision Making Process (NHI Course #142005)	

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Firm employed by:	Providence Engineering and Environmental Group LLC		
Name	Stephanie Perrault, RPA	Years of relevant experience with this employer	<1
Title	Archeologist	Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization:	MA / Anthropology BA / Anthropology		
Active registration number / state / expiration date	33714583 / LA / 01-01-2023		
Year registered		Discipline	Registered Professional Archaeologist
Contract role(s) / brief description of responsibilities	Archaeologist (Cultural Resources)		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
(08/21)	Principal Investigator and Author: <i>G.E.C. Inc., West Colyell Creek Stabilization Project Phase I Cultural Resource Assessment Survey, Denham Springs, Livingston Parish, LA.</i> Phase I Cultural Resource Assessment Survey to assess potential impacts to cultural resources within project area. The survey was completed in fulfillment of the requirements of Section 106 of the National Historic Preservation Act (NHPA). The archaeological survey was conducted across 0.75 acre. Fieldwork consisted of pedestrian survey and subsurface testing in the form of the excavation of shovel test pits (STPs).		
(06/22)	Principal Investigator and Author: <i>Jefferson Parish Government, Third Street Drainage Improvements Project Phase I Cultural Resource Assessment Survey, Jefferson Parish, LA.</i> Phase I Cultural Resource Assessment Survey for a proposed drainage improvement project. The goal of this investigation was to determine the presence or absence of cultural resources along Third Street and to assess the potential impacts to any resources present within the project area. The proposed project will consist of the removal and replacement of existing drainage infrastructure, installation of additional components, and adjustments/offsets of existing utilities in some locations. Most direct impacts will occur immediately adjacent to existing roads, sidewalks, and within existing utility easements. The survey consisted of a pedestrian survey conducted across 100 percent of the project area, and subsurface testing in the form of the excavation of shovel test pits (STPs)		
(10/19-01/20)	Principal Investigator and Editor: <i>Tallgrass Energy, St. Rosalie Plantation, Plaquemines Parish, LA.</i> Phase II Site Testing and Associated Cemetery Investigation. The investigation located, evaluated, and recorded all cultural resources within the site, as well as potential cemeteries, and to make an eligibility recommendation for the National Register of Historic Places (NRHP). This fieldwork included shovel testing, mechanical stripping, trenching, test unit excavations, and ground penetrating radar of portions of the project area. The archaeological investigation was focused within an approximately 31-acre area.		
(05/11)	Senior Archaeologist and Author: <i>Air Products and Chemicals, Inc., Gulf Coast Connection Project, Phase I Cultural Resources Negative Findings Report - Additional Survey Areas, Calcasieu, Jefferson Davis, and St. Martin Parishes, LA.</i> Phase I cultural resources survey of seven 7 additional temporary workspace locations, 3 reroutes, and a single access road associated with the Louisiana portion of the Air Products and Chemicals Inc., Gulf Coast Connection Project. During this survey, approximately 33.14 acres of survey area were assessed and 103 shovel tests were excavated.		

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(01/08-02/08)	Senior Archaeologist and Author: <i>Chitimacha Tribe of Louisiana and the New Orleans District, U.S. Army Corps of Engineers, St. Mary Parish, LA.</i> Phase 1 Cultural Resources Survey and Archaeological Inventory of 420.3 ac (170 ha) on Chitimacha Tribally Owned Land. The survey was designed to evaluate all cultural resources (archeological sites, isolated finds, and traditional cultural properties) within the survey area. This investigation included a literature and records review of existing data and fieldwork consisting of both pedestrian survey and the systematic excavation of shovel tests throughout the project area.
(08/99-12/99 and 2008)	Senior Archaeologist and Author: <i>New Orleans District, US Army Corps of Engineers, Angola Plantation I and II Sites Archaeological Data Recovery, West Feliciana Parish, LA.</i> Phase III Data Recovery results are presented. Previous research concluded that both sites were eligible for inclusion in the National Register of Historic Places. The sites would be impacted by a proposed levee enlargement project and the archaeological data recovery was used as mitigation of that impact. Data recovery was restricted to a construction right-of-way. Field techniques used to examine the sites consisted of mechanical stripping, recordation of all exposed features, and the excavation of selected features. A total area of 11,014 square meters was mechanically stripped at the two sites, exposing 341 archaeological features.
(10/01-11/01)	Senior Archaeologist and Author: <i>Louisiana Department of Transportation and Development, Phase I Cultural Resources Investigations of LA 964, Baton Rouge, LA.</i> The proposed project is the reconstruction of LA 964 near the town of Zachary (LA 64 to the East Feliciana Parish Line). The reconstruction roadway will have two, 12-foot travel lanes and shoulders. 11 standing structures were recorded along LA 964. The survey located six archaeological sites all consisting of historic remains dating between the mid-twentieth and early twentieth centuries. State Project Number 019-30-0016.
(09/94)	Senior Archaeologist and Author: <i>Coastal Environments, Inc., Phase II National Register Eligibility Testing at the Sarah Peralta Site, East Baton Rouge, LA.</i> The site is a prehistoric earth midden in southern East Baton Rouge Parish. It was studied primarily through a program of mapping and augering, and the excavation of two test units.
Stephanie Perrault, RPA has over 25 years of multi-media environmental experience with primary focus on cultural resources. She is Section 106 Certified by the National Preservation Institute. Ms. Perrault excels in cultural resource services with extensive, diverse experience in administering projects for Federal (HUD, USACE, FERC,) State (LADOTD), and private clients. She has managed cultural resource reviews for HUD funded emergency disaster programs, she plans and conducts projects (Phase I, II, and II), and historic structure surveys that comply with all state and federal standards including tracking and quality control while supervising multiple teams. Ms. Perrault is expert in artifact analyses, site mapping, development of research and field design and scopes of work, development of project cost estimates, and the evaluation of resource eligibility for listing in the National Register of Historic Places (NRHP) and state registers of historic properties. She supports clients during agency and tribal consultation, including consultations with State Historic Preservation Officers (SHPO), Tribal Historic Preservation Officers (THPO), Native American Tribes, Advisory Council on Historic Preservation (ACHP), and multiple state, federal, and local agencies. She is well versed in environmental regulatory requirements including NEPA, NRHP, and the Section 106 Process.	

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm employed by: Providence Engineering and Environmental Group LLC				
Name	Taylor Simoneaux, CWB, PWS		Years of relevant experience with this employer	7
Title	Environmental Scientist		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization:			MS / 2015 / Forest Resources, concentration in Wildlife Biology BSF / 2012 / Forestry BS / 2012 / Natural Resource Ecology and Management	
Active registration number / state / expiration date			3321 / LA / 12-30-2025	
Year registered	2020	Discipline	Professional Wetland Scientist	
Contract role(s) / brief description of responsibilities			Biologist/Wetlands	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
(07/17-09/17)	Wetlands/Permitting: <i>Louisiana Department of Transportation and Development, Interstate 10 Widening Project, East Baton Rouge and West Baton Rouge Parishes, LA.</i> Conducted a wetland delineation and wetland data report for a proposed Interstate 10 widening project in East Baton Rouge and West Baton Rouge Parishes, LA.			
(02/17-04/17)	Wetlands/Permitting: <i>East Baton Rouge Parish Department of Public Works, Nicholson Drive Improvements, East Baton Rouge Parish, LA.</i> Conducted a wetland delineation project for the extension of Nicholson Drive in Baton Rouge, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE New Orleans District.			
(05/16-06/16)	Wetlands/Permitting: <i>I-49 Inner Connector Stage 1 Environmental Impact Statement, Shreveport, Caddo Parish, LA.</i> Conducted a wetland delineation and completed a wetland summary of findings for submittal to the North Louisiana Council of Governments to advise them on regulatory compliance associated with an interstate connection project in Shreveport, LA.			
(03/20-05/20)	Lead Biologist: <i>Coastal Protection and Restoration Authority, West Grand Terre Structure Removal and Demolition, Jefferson Parish, LA.</i> Conducted pre-construction nest searches for shorebirds, wading birds, and other coastal nesting bird species prior to demolition of the Louisiana Department of Wildlife and Fisheries structures on West Grand Terre.			
(10/16-12/16)	Wetlands/Permitting: <i>St. James Parish Government, Barras Road Extension, St. James Parish, LA.</i> Participated in a wetland delineation project for the extension of Barras Road near St. James, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE.			
(07/16-12/16)	Wetlands/Permitting: <i>West Feliciana Parish, Department of Public Works, West Feliciana Parish, LA.</i> Participated in a wetland delineation project for the replacement of the Jacock Road Bridge near St. Francisville, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE.			
(02/19-11/19)	Project Manager: <i>Coastal Protection and Restoration Authority, Goose Point/Pointe Platte and Bayou Bonfouca Maintenance Project, St. Tammany Parish, LA.</i> Secured the necessary environmental permits for a marsh creation maintenance project.			

Prime consultant name: **Providence Engineering and Environmental Group LLC**



(05/18-12/18)	Project Manager: <i>Pointe Coupee Parish Police Jury, False River Ecosystem Project, Pointe Coupee Parish, LA.</i> Conducted a wetland delineation, completed a Nationwide Permit 27 permit application, and conducted soil sampling for a proposed False River Dredge project.
(07/17-09/18)	Project Manager: <i>Performance Proppants, LLC, River Ridge Ranch Sand Mining Project, Miller County, AR.</i> Conducted a wetland delineation and threatened/endangered species survey, completed a wetland data report and secured a preliminary jurisdictional determination, and secured a Section 404 and 408 permit for a sand mining operation. Completed environmental inspections during construction to advise on Best Management Practices.
(02/17-06/17)	Wetlands/Permitting: <i>Bayou Lafourche Freshwater District, Mississippi River Reintroduction into Bayou Lafourche, Assumption and Lafourche Parishes, LA.</i> Conducted a wetland delineation and completed a wetland data report/request for preliminary jurisdictional determination for a proposed Mississippi River reintroduction into Bayou Lafourche.
(03/20-12/21)	Project Manager: <i>Sunny Point Aggregates, LLC, Port Lake Sand Mine, Caddo and Bossier Parishes, LA.</i> Regulatory project manager for creation of an industrial sand mining facility and dredge operation adjacent to the Red River near Shreveport, LA. This included leading a wetland delineation/threatened/endangered species survey, completing a wetland data report/request for preliminary jurisdictional determination, securing Section 408 authorization, Section 10/404 compliance, and managing multiple subcontractors to complete topographic surveys, Phase I archaeological surveys (maritime and terrestrial), geotechnical soil borings, and slope stability analyses.
<p>Taylor Simoneaux, CWB, PWS has worked as an Environmental Scientist with Providence since February 2016. His areas of focus are wetlands, coastal, and ecological regulatory permitting/compliance, threatened and endangered species surveys, wetland delineations, environmental inspections, and project management. His experience in environmental and ecological compliance assistance includes: wetland delineations and reporting; U.S. Army Corp of Engineers (USACE) Section 10/404/408 permitting, Louisiana Department of Natural Resources (DNR) Office of Coastal Management (OCM) Coastal Use Permitting; FEMA Floodplain Permitting; U.S. Fish and Wildlife Service (USFWS) Section 7 consultations; State Historic Preservation Office (SHPO) Section 106 consultations; Environmental Inspections per standard Best Management Practices (BMPs) and Federal Energy Regulatory Committee (FERC) Plans and Procedures, and many local/Parish/municipal permitting requirements. He is actively involved in all phases of environmental permitting/compliance and project management for clients in industrial, commercial, governmental, and private sectors. Taylor has also completed Richard Chinn Environmental Training, 38-Hour USACE Wetland Delineation Training Program.</p>	

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm employed by: Providence Engineering and Environmental Group LLC				
Name	Tanner Jones		Years of relevant experience with this employer	5
Title	GIS Manager		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization:			BS / 2016 / Natural Resource Ecology and Management	
Active registration number / state / expiration date			4206841 / LA / 12-31-2022	
Year registered	2018	Discipline	FAA Part 107 Remote Pilot	
Contract role(s) / brief description of responsibilities			GIS Analyst	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
(10/19-03/20)	GIS Specialist: <i>Enterprise Products Company, Statewide, Coastal LA</i> . Performed a desktop analysis for Enterprise Products pipeline assets in Louisiana’s Coastal Zone to evaluate potential environmental permitting needs based on a variety of environmental spatial datasets. Responsibilities: Data management, desktop spatial analysis, reporting.			
(03/20-04/20)	Drone Pilot: <i>Coastal Protection and Restoration Authority, West Grand Terre Beach Nourishment and Stabilization-Structure Demolition and Removal Project, Jefferson Parish, LA</i> . Flew unmanned aerial vehicle to document pre-project site conditions. Responsibilities: Drone flight planning, remote piloting, data management.			
(07/20)	GIS Specialist: <i>Cheniere Environmental Consulting, LLC, St. Bernard and Orleans Parishes, LA</i> . Created maps and figures for a biological assessment pertaining to two Marsh Creation Projects around Lake Borgne with CPRA. Responsibilities: Data management, creation of figures necessary for biological assessment.			
(03/21-05/21)	Wildlife Biologist/GIS Specialist: <i>Kinder Morgan, Multiple Mississippi and Alabama Counties, MS and AL</i> . Conducted Gopher Tortoise Burrow surveys across multiple pipeline systems for over 300 miles of pipeline ROW, as well as coordinated and managed data collection across field personnel and maintained progress tracking via an online project-specific GIS dashboard. Responsibilities: Fieldwork, reporting, data management, figures.			
(08/20-Ongoing)	Wildlife Biologist/GIS Specialist: <i>Traylor Bros. Inc. LLC, Belle Chasse Bridge and Tunnel Replacement, Plaquemines and Jefferson Parishes, LA</i> . Performed field inspection for wetland impacts and migratory bird habitat around bridge structure. Created maps and figures for a Storm Water Pollution Prevention plan. Responsibilities: Data management, creation of figures.			
(06/20-Ongoing)	GIS Specialist: <i>Atlas Technical Consultants, LLC, Mississippi River Bridge GBR: LA 1 to LA 30 Connector, Ascension, Assumption, and East Baton Rouge Parishes, LA</i> . Created various figures for a study of LA 1/LA 30 Connector project for DOTD looking at a possible route for a new Mississippi River crossing around Baton Rouge, Louisiana. Created a common spatial data portal for coordination and facilitation of project data across multiple firms working on study. Responsibilities: Data management, figures.			
(04/20-Ongoing)	GIS Specialist: <i>LA DOTD, LA 1/LA 415 Connector, West Baton Rouge Parish, LA</i> . Created various figures for an LA 1/LA 415 Connector involving a new bridge over the Gulf Intracoastal Waterway. Evaluated environmental, social, and cultural constraints. Responsibilities: Data management, creation of figures, identification of key constraints.			

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Tanner Jones is a GIS Manager/Specialist with seven years of experience. Since joining Providence in 2017, Mr. Jones has assisted with the data collection and spatial components of projects across all Providence service lines, ranging from basic data collection and figure production for permit applications to custom GIS-based solutions for automated business processes. Mr. Jones is proficient with a variety of GIS solutions, including mapping, data management, online and mobile based application development for data communication or collection, and geospatial analysis or desktop surveys. In addition to supporting the GIS needs of Providence and its clients, Mr. Jones also holds a small unmanned aerial vehicle operator certification with the Federal Aviation Administration. He has flown drone missions for a variety of projects including structural inspections, site mapping, environmental surveys, project documentation, permit compliance, and site monitoring. Tanner has completed the **Richard Chinn Environmental Training, 38-Hour USACE Wetland Delineation Training Program**.

Firm employed by: Providence Engineering and Environmental Group LLC				
Name	Joshua Caillouet		Years of relevant experience with this employer	<1
Title	Environmental Specialist		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization:			BS / 2006 / General Business	
Active registration number / state / expiration date			N/A	
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Environmental Technician (Phase I ESA)	
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).			
(06/22-08/22)	Project Manager: <i>V-Systems, Desktop Phase I Environmental Site Assessments, Lea County, NM.</i> Providence performed Phase I site visits and ESAs of 4 properties in New Mexico totaling over 1,000 acres. The Site visit included assessment of previously identified crude oil/produced water spill locations to evaluate Recognized Environmental Conditions (RECs), HREC, or de minimis conditions, assessment of active well and production sites to identify any RECs or de minimis conditions, assessment of the conditions of the adjoining properties, and representative photographs of all locations assessed to be included with the final ESA Report. Providence provided a final ESA Report with findings, photographs, and conclusions. A desktop review will be conducted to identify potential REC. The desktop review will follow the United States Environmental Protection Agency (EPA) American Society for Testing and Materials (ASTM) guidelines for the items included. The desktop review will include review of oil and gas well data, water well data, Sanborn maps, and other sources. A desktop analysis report will be provided which will include a summary of the resources reviewed, an environmental professional opinion, and recommendations.			
(05/22-Ongoing)	Environmental Specialist: <i>Waste Management, Phase I Environmental Site Assessment and Limited Soil Sampling, Livonia, Pointe Coupee Parish, LA.</i> This project scope includes a Phase I ESA and soil sampling for 35.6-acre Site west of Reliable Landfill. The land currently has an active oil well and associated operating equipment. The Phase I ESA and sampling will identify any impacts to the Property from the oil production operations. The final report and elements of the Phase I ESA will comply with the recommendations and requirements of the EPA ASTM guidelines and the All Appropriate Inquiry (AAI) Standard and will include a review and summary of soil and land use information, general hydrology, oil and gas well data, topographic maps, and other sources. The Phase I ESA will also involve interviews with personnel associated with the Site and a field reconnaissance of the Property. The investigation included the collection of soil surface samples. Sampling procedures will be completed in general accordance with the Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) site investigation requirements.			
(06/22)	Environmental Specialist: <i>LADOTD, LA 1/LA 415 Connector, West Baton Rouge Parish, LA.</i> Conducted assessments of multiple commercial and rural sites, reviewed current and historical records, prepared Phase 1 ESA reports for an LA 1/LA 415 Connector involving a new bridge over the Gulf Intracoastal Waterway requiring reevaluation of EA and FONSI. The ESA conformed to ASTM Standards. The Consultant shall meet with the LADOTD’s Environmental Coordinator if RECs			

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	are discovered within the project area. Results of site evaluations, findings, conclusions, and opinions concerning the site's impact shall be provided in the ESA.
(10/18-Ongoing)	Project Manager: <i>Boardwalk Pipelines, Phase I Environmental Site Assessment, Rankin County, MS.</i> Performed a Phase I Environmental Site Assessment of an approximate 2.3-acre Property in Mississippi. The final report and elements of the Phase I ESA will comply with the recommendations and requirements of the EPA ASTM guidelines. The site assessment included review and summary of historical aerial photography, soil and land use information, general hydrology, oil and gas well data, water well data, and other resources. The Phase I ESA involved interviews with personnel (as available) associated with the Property and a field reconnaissance of the Property and immediately adjoining properties to identify potential areas of environmental concern. Providence will prepare a report detailing the data obtained, conclusions, and recommendations.
(04/14-06/14)	Environmental Specialist: <i>Tetra Applied Technologies, Industrial Property 5.5-Acre Tract, Venice, LA.</i> Reviewed current and historical records, conducted site visit, and prepared Phase I ESA report in conformance with ASTM practice standards. Conducted Phase II soil investigation based off the findings from the Phase I ESA and prepared Phase II report.
<p>Josh Caillouet has over sixteen years of environmental consulting experience and has a wide range of skills in Site Evaluation. He has conducted numerous Phase I and Phase II Environmental Site Assessments (ESAs), Louisiana RECAP/soil and groundwater investigations, NORM surveys and sampling events at oil & gas production sites, and managed remediation sites throughout the Gulf Coast region. He also has extensive experience in managing environmental and industrial incidents within the National Incident Management System (NIMS). He is currently a member of Providence's Site Evaluation Remediation (SER) division and continues to perform ESAs, assist with remediation projects, perform soil and groundwater sampling, and assist with waste permitting projects. Josh is also certified as a Radiation Safety Officer and in NORM Surveying and Control and Transportation of NORM.</p>	

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm employed by:		Arcadis U.S., Inc.		
Name	Jason Morrell, PWS		Years of relevant experience with this employer	9
Title	Senior Ecologist / Project Manager		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization:			BS / 1999 / Agriculture	
Active registration number / state / expiration date			PWS #2319 / LA / 04-2023	
Year registered	2013	Discipline	Professional Wetland Scientist (Wetland Science)	
Contract role(s) / brief description of responsibilities			Environmental Lead	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
(04/21-Ongoing)	Project Manager: <i>LADOTD, Rural Bridge Replacement Initiative Phase II – Districts 02, 03, 07, 61, and 62, Multiple Parishes, LA.</i> Project Manager and Environmental Lead for 16 state projects involving replacement of 29 state highway bridges. The environmental scope of services for the projects consists of Solicitation of Views, Wetland Studies, Programmatic Categorical Exclusion Checklists, and permitting including USACE Nationwide Permits (NWP) and Louisiana Department of Natural Resources Coastal Use permits.			
(04/16-Ongoing)	Ecologist: <i>LADOTD, Pete’s Highway Interchange Alternative and Environmental Assessment, Livingston Parish, LA.</i> 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.			
(09/19-Ongoing)	Project Manager and Ecology Lead: <i>GDOT, Environmental Support Services IDIQ Contract, Statewide, GA.</i> Responsible for management of embedded (support services) ecology and NEPA staff managing environmental studies on behalf of GDOT, including review of consultant documents. Design and develop ecology initiatives for the GDOT Office of Environmental Services (OES) including guidebooks and toolkits to update the Environmental Procedures Manual, training materials for contractor prequalification, applications to streamline National Marine Fisheries Service Section 7 ESA and Essential Fish Habitat consultations, and other research initiatives.			
(07/14 – 07/19)	Deputy Project Manager and Ecology Lead: <i>GDOT, Statewide Ecology Services IDIQ Contract, Statewide, GA.</i> Responsible for managing embedded ecologists assigned management of ecology studies, permitting, and biological assessment for GDOT projects. Negotiated a menu of services task order for on-call environmental studies providing the client the flexibility to complete tasks quickly to meet project delivery schedules. Managed preparation and provided technical review of supporting NEPA documentation for federally funded infrastructure development and improvement projects. Developed ecology toolkits, guidance documents, and templates for GDOT use and publication in collaboration with regulatory agencies and GDOT staff. Managed a research project evaluating the effectiveness of migratory bird mitigation measures on transportation projects and providing recommendations to GDOT for best management practices.			
12/15 – 11/18	Lead Ecologist: <i>Confidential Class I Railroad Client, Railroad Bridge Replacements, LA and TX.</i> Responsible for wetland delineation and protected species habitat assessments for replacement of two structurally deficient railroad bridges.			

Prime consultant name: **Providence Engineering and Environmental Group LLC**



	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 NWP 14 Pre-Construction Notification (PCN), including permit sketches, submitted to the USACE Fort Worth District.
07/16 – 03/18	Ecologist: <i>West Feliciana Parish Department of Public Works, Bayou Sara Streambank Restoration, West Feliciana Parish, LA.</i> Project involved stabilizing the streambank along approximately 3,600 feet along Bayou Sara, where severe erosion is impacting the Town of St. Francisville’s Wastewater Treatment Facility, pond levees, and the Parish’s only access road (Ferdinand Street) to the Mississippi River. Completed a wetland delineation and protected species habitat assessment within the area proposed for bank stabilization, as well as adjacent staging and access areas. Provided technical review of a Biological Resources and Wetland Findings Report, including required exhibits, and NWP 13 PCN, including permit sketches for bank stabilization for which USACE authorization was successfully obtained.
11/15 – 12/16	Lead Ecologist: <i>GDOT, SR 234 at Chickasawhatchee Creek Bridge Replacement, Calhoun and Dougherty Counties, GA.</i> 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 improvements, including review and coordination of permit sketches.
04/13 – 01/16	Lead Ecologist: <i>C.W. Matthews Contracting Co., I-75 South Managed Lanes Design-Build (DB), Henry/Clayton Counties, GA.</i> 19-mile express toll lanes on I-75, including a 417-foot-long dedicated access ramp bridge spanning a large wetland and stream system associated with Crittle Creek. Responsibilities included field verification of resource delineation by others, Section 404 Clean Water Act permitting, and a state stream buffer variance application. Jason collaborated with project engineers and the DB contractor to identify permanent and temporary construction impacts prior to permitting and feasible impact avoidance and minimization measures. He coordinated with GDOT and the USACE for pre-construction environmental clearance, as well as under construction compliance. The DB team successfully obtained a NWP 14 for the overall project ahead of schedule and a NWP 33 for temporary impacts for bridge construction.
Jason Morrell, PWS has over 20 years of experience in environmental planning and ecology in the southeastern U.S. Prior to joining Arcadis, he served as a NEPA Planner and Ecologist with the Georgia Department of Transportation (GDOT) evaluating environmental effects and completing permitting and environmental documentation for transportation projects. His area of expertise includes wetland studies, 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 worked almost exclusively on transportation projects and is an active member of the Transportation Research Board Committee on Environmental Analysis and Ecology.	

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm employed by:		Arcadis U.S., Inc.		
Name	Jose L. Rodriguez, PE		Years of relevant experience with this employer	1
Title	Senior Civil Engineer		Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization:		BS / 1992 / Civil Engineering		
Active registration number / state / expiration date		PE.0030492 / LA / 03-31-2023		
Year registered	2003	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Roadway Design Lead		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
(02/07-10/09)	Project Designer: <i>LADOTD, John James Audubon Bridge Approach (Design-Build), New Roads, LA.</i> Responsible for the geometric horizontal and vertical alignment for five approach bridges to the John James Audubon Cable Stay Bridge. The longest cable-stayed bridge in the Western Hemisphere consisting of 1,583’ main span. Jose was also in charge of the quality control for all bridge approaches and the design of all precast concrete girders for the project.			
(01/06-09/09)	Project Designer and Quality Control Reviewer: <i>LADOTD/New Orleans Regional Planning Commission, New Orleans Submerged Roadway Program Management, New Orleans, LA.</i> Multi-million-dollar program management team for the DOTD and the FHWA. Jose helped develop design guidelines and processes for the standardization of engineering work for the repair of roadways damaged by Hurricane Katrina in the City of New Orleans and other parishes. Responsible for conducting quality control reviews on roadway plans prepared by other engineering firms for compliance with LADOTD and FHWA design standards.			
(02/10-06/11)	Project Designer: <i>LADOTD, I-10 from Veterans to Clearview, Metairie, LA.</i> Responsible for roadway plan preparation for widening 1.2 miles of I-10 from three lanes to five lanes in each direction. The project also included bridge work to accommodate the interstate widening. Jose was also responsible for the alignment and design of concrete sound walls along the corridor. He helped implement an innovative two-sided concrete stamp process for the noise wall precast concrete panels.			
(05/12-12/15)	Project Designer: <i>LADOTD, Earhart Boulevard-Causeway Interchange, New Orleans, LA.</i> Responsible for the geometric design and roadway plan preparation for the Earhart Boulevard-Causeway Interchange. The Earhart Boulevard Causeway Interchange purpose was to assist in traffic congestion relief for the east-west flow of traffic for the New Orleans Metro Area. It consisted of the development of roadway and bridge ramps for the creation of an elevated signal-controlled interchange. Responsible for development of all horizontal and vertical alignments for this project as well as roadway plan preparation, developing all roadway cross sections, drainage design, utility conflict resolution and cost estimating for the project.			
(07/09-07/15)	Project Designer: <i>LADOTD, Peters Road Expansion, Phases I-III, Plaquemines, LA.</i> Responsible for the geometric design, plan preparation and wetland delineation of Peters Road Phases I, II and III. The projects consisted of a new roadway, elevated crossing over the Intracoastal Waterway, approach roadways in Jefferson and Plaquemines Parishes to tie Peters			

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	Road to Louisiana 23 near Barrier Road. The projects were prepared in coordination with Plaquemines Parish, DOTD and the U.S. Army Corps of Engineers.
(06/04-01/11)	Project Designer: <i>LADOTD, Causeway Boulevard Interchange Improvements Phases I and II, Metairie, LA.</i> This project consisted of widening Causeway Boulevard elevated structure at Veterans Boulevard and the construction of new at-grade and elevated ramps to provide better accesses, improve safety and ease congestion at this heavily traveled interchange. Responsible for evaluating existing girders, the design of new precast concrete girders and the roadway plan preparation for this project. Also, responsible for evaluating and design of new sewer and water lines for the project as well as coordinating the removal and replacement of all utilities affected by the new roadways and/or structure foundations.
(01/08-05/08)	Project Designer: <i>LADOTD, I-12 to Bush Corridor Study Phase III (EIS), St. Tammany Parish, LA.</i> Responsible for evaluating environmental issues and developing design alternatives in accordance with the National Environmental Policy Act (NEPA) for transportation improvements.
(01/20-05/20)	Project Engineer: <i>North Carolina DOT, NC Highway 73 (NC 73) Widening, Mecklenburg County, North Carolina.</i> Responsible for the Temporary Traffic Control Plan preparation for the widening of NC 73. A principal arterial roadway, NC 73 was widened from a two-lane undivided roadway into a four-lane divided highway with a 30-foot wide median. The project presented many challenges due to the high traffic volumes, time restrictions for lane closures, and all NASCAR events at Charlotte Motor Speedway for the duration of the project. To mitigate traffic disruption and enhance roadway safety, assisted in preparing the Transportation Operation Plans and sequence of construction for the project. All design work was performed following NCDOT and the latest MUTCD standards.
(04/18-09/20)	Project Designer. <i>Texas Central Railway, Texas High-Speed Rail, Dallas to Houston, TX.</i> Assisted with establishing flood elevations for the alignment of over 240 miles of rail tracks. Also responsible for the realignment of at-grade roadways impacted by the High-Speed rail.
(10/17-03/18)	Quality Control (QC). <i>Yuhuang Chemical Inc., Traffic Turn Lanes on Highway LA 3127, St. James, LA.</i> Review for the design of two turn lanes into the Yuhuang Chemical Methanol plant in St. James, Louisiana. During construction, Jose provided the owner with construction design services for the duration of the construction phase.
Jose Rodriguez, PE <i>has more than 25 years of experience with roles of progressive responsibility as a civil engineer performing roadway design, bridge design, project management, hydraulic analysis, utility coordination, construction supervision, estimating, and project implementation for various clients in Louisiana, Texas, Georgia, and North Carolina. Jose has worked in close relationship with the Federal Highway Administration (FHWA), U.S. Army Corps of Engineers, Louisiana Department of Transportation (LADOTD), local parish governments, and regional planning commissions. He has extensive experience with Bentley Inroads, Autodesk Civil 3d, and Leap Bridge for Concrete Bridge Design. Served on the American Concrete Institute (ACI) Louisiana Board, becoming president of the Louisiana Chapter in 2010 and remains active in the organization.</i>	

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm employed by:		Arcadis U.S., Inc.		
Name	Ari Deitch, PE, PTOE, PTP, RSP		Years of relevant experience with this employer	7
Title	Traffic Engineer		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization:		BS / 2012 / Biological Engineering		
Active registration number / state / expiration date		PE.0041842 / LA / 03/2024; PTOE #4346 / USA / 11/2023 PTP #690 / USA / 07/2025; RSP #37 / USA / 12/2024; ATSSA TCT/TCS		
Year registered	2017	Discipline	Civil Engineering; Professional Traffic Operations Engineer; Professional Transportation Planner; Road Safety Professional	
Contract role(s) / brief description of responsibilities		Traffic Engineering		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
(05/19-Ongoing)	Traffic Engineer: LADOTD, I-20 / I-220 Interchange Imp. and BAFB Access TMP and IMR, LA. Responsible for development of addendum to Interchange Modification Report, Transportation Management Plan, Temporary Traffic Control Plans, and Permanent Signing Plans to accommodate the design and construction of the project. The design-build project includes the modification of the existing interchange at I-20 / I-220 with additional ramps and extension of I-220 to provide access to Barksdale Air Force Base.			
(08/14-10/18)	Traffic Engineer: LADOTD, US 71 Corridor Traffic and Safety Study Phase 1-3, Rapides Parish, LA. Responsible for providing traffic data collection, warrant studies, traffic analysis, safety data analysis, and development of conceptual layouts. Data collection effort included automated one-week counts, manual turning movement counts and spot speed studies. Collected crash data for the most recent three years from LADOTD crash database, analyzed crash summaries and identified historical high-crash locations and over-representative crashes, determined crash types, frequencies and crash rates, reviewed individual crash reports to determine type and location of each crash, identified crash “hot-spot” locations, contributing factors for high-crash rates, and determined potential improvements.			
(11/20-Ongoing)	Traffic Engineer: LADOTD, I-10 CMAR, East Baton Rouge Parish, LA. Responsible for wide range of traffic engineering tasks including development of permanent signing plans, Interchange Modification Reports, and Transportation Management Plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment.			
(10/19-Ongoing)	Traffic Engineer: LADOTD, I-10 New Orleans to Slidell Hard Shoulder Running, Orleans Parish, LA. Responsible for the development of conceptual drawings and typical sections for proposed Hard Shoulder Running (HSR) alternatives on I-10 between New Orleans and Slidell. Purpose of the project is to evaluate the feasibility of implementing HSR lanes along I-10 to alleviate existing bottlenecks and congestion along critical segments of the corridor.			
(10/15-Ongoing)	Assistant Project Manager: LADOTD, US 90 Business Signing Upgrades and TMP, Orleans and Jefferson Parishes, LA. Responsibilities include taking inventory of existing signs and structures, developing a signing layout plan for the project area in accordance with the latest state and federal policy guidance, developing signing plans through 100% final design stage, developing a Transportation Management Plan to be used during construction of the project, and coordinating reviews			

Prime consultant name: **Providence Engineering and Environmental Group LLC**



	and submittals with LADOTD Traffic Engineering Design Section. The purpose of the project is to replace all existing signs within the project area, which includes sections of I-10 and US 90 Business in and around New Orleans' Central Business District. This requires careful planning in the placement of signs and structures to accommodate the complex roadway network in this area. Arcadis completed the design plans and TMP in 2019 and is currently providing engineering support during construction of the project.
(04/19-12/19)	Traffic Engineer: <i>LADOTD, East Baton Rouge Parish Signal Detection Upgrades, East Baton Rouge Parish, LA.</i> Technical lead of project tasks involving field signal inventory and the creation of updated signal plans and quantities. The project includes 39 intersections identified in East Baton Rouge Parish to be upgraded from video detection to magnetometer detection.
(04/19-12/19)	Traffic Engineer: <i>LADOTD, US 90 Traffic Signal Timing Upgrades, Lafayette Parish, LA.</i> Technical Lead of project tasks involving traffic data collection and analysis, signal inventory, peak period determination and observations, warrant analysis, travel time runs, traffic signal analysis using Synchro 10 software, and development of updated TSI forms following latest LADOTD standards.
(08/14-06/15)	Traffic Safety Analyst: <i>LADOTD, LA 3235 Stage 0 Feasibility Study, Lafourche Parish, LA.</i> Responsible for review of existing crash data and traffic operations analysis, development of safety countermeasures, conceptual drawings, and Stage 0 documentation. LADOTD Stage 0 Safety Study 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. The LA 3235 corridor was initially constructed as a high-speed roadway to facilitate truck traffic to and from Port Fourchon. Since its construction, numerous commercial and residential developments have created unsafe conditions along the corridor.
(02/15-11/17)	Traffic and Safety Analyst: <i>LADOTD, Intersection Feasibility Study, Evangeline Thwy, Johnston St, & Louisiana Ave, Lafayette Parish, LA.</i> Responsible for review of existing crash data, traffic operations analysis, and development of design alternatives. Objective is to develop alternatives for the intersection of Evangeline Thruway (US 167/90) and Johnston Street (US 167) / Louisiana Avenue (LA 94) that will improve safety and mobility. Evangeline Thruway consists of two one-way roadways with three lanes in each direction. Three alternatives for each intersection at Johnston Street / Louisiana Avenue were developed based on the results traffic and safety analysis.
Ari Deitch, PE, PTOE, PTP, RSP is a Transportation Engineer specializing in traffic engineering and design, safety, transportation management, and conceptual roadway design. Mr. Deitch has experience managing and working on projects for LADOTD and the City of Baton Rouge, as well as other DOTs across the country, pertaining to Stage 0 feasibility studies, transportation management plans, traffic, and safety studies, NEPA studies, pedestrian and bicycle improvements, access management, signal design, and signing and marking design. He has experience and proficiency in IHSDM, SYNCHRO, VISTRO, VISSIM, SIDRA, GuidSIGN, HCS and MicroStation software. Ari is ATSSA TCT and TCS certified.	

Firm employed by:		Arcadis U.S., Inc.		
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		PE.086996 / PA / 09/30/23; EIT.025542 / GA		
Year registered	2017	Discipline	Civil Engineering; Engineer-in-Training	
Contract role(s) / brief description of responsibilities		Air Quality/Noise Modeling		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
(12/18 – 05/19)	Noise Subject Matter Expert: <i>Flatiron Contractors, I-40 at I-77 at Interchange Improvements, TIP Project I-3819, NC.</i> Design-Build, 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.			
(07/15 – 05/19)	Noise Subject Matter Expert: <i>CW Matthews Contracting Company, I-85 HOT Lane Extension PI# 110600, Atlanta, GA.</i> Design-Build, 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.			
(07/17 – 05/19)	Noise Subject Matter Expert: <i>CW Matthews Contracting Company, I-85 General Purpose Lane Widening. PI# 110610, Atlanta, GA.</i> Design-Build, 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.			
(09/13 – 03/16)	Traffic Engineer: <i>GDOT, I-285 at Riverside Drive, Atlanta, GA.</i> Conducted a traffic noise impact assessment for the proposed Interstate 285 at Riverside Drive interchange modification. Project responsibilities included 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, and investigated			

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	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)	Traffic Engineer: <i>GDOT, I-285 @ GA 400, Metro Atlanta, GA.</i> 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)	Air and Noise Engineer: <i>GDOT, I-16 at I-95 Interchange Reconstruction, I-16 Widening, Chatham County, GA.</i> 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)	Traffic Engineer: <i>GDOT, I-20 Over Savannah River Bridge Replacement, Richmond County, GA.</i> 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.
Luis Velasquez, PE 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.	

Firm employed by:		Franklin Associates, LLC	
Name	Andrew Santee	Years of relevant experience with this employer	1
Title	Project Manager (Lead)	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization:		BS / 2012 / History with Thesis	
Active registration number / state / expiration date		N/A	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Project Manager, Communications Coordinator, Operations Manager	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
10/21-Present	<i>I-10 Widening, CMAR Design Team post-FONSI, Baton Rouge, LA.</i> Coordinate data compilation, trending and analysis on comments received through online and public meeting efforts during design efforts tied to the widening project from LA 415 to the I-10/I-12 split at Essen Lane.		
10/21-Present	<i>Belle Chasse Bridge Replacement, Belle Chasse</i> - As the replacement bridge is being built with Franklin Associates as the Public Information lead, Mr. Santee’s role is to catalog and coordinate local Plaquemines Parish and Belle Chasse military information to represent these aspects in plaques to be placed in the newly redesigned Veterans Park that will be rebuilt with the new bridge, as the old tunnel and old bridge are decommissioned.		
9/21-Present	<i>MOVEBR, City of Baton Rouge, LA.</i> Provided project logistics support on multiple East Baton Rouge infrastructure project public meetings, scouting project areas to identify appropriate venues and coordinating all site logistics. Identified key project stakeholders within specific geographic boundaries for project notification needs.		

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Firm employed by:		Franklin Associates, LLC		
Name	James C. Taylor, AICP		Years of relevant experience with this employer	10
Title	Sr. Planner / Project Manager		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization:		MLA / 1996 / Landscape Architecture BS / 1989 / Horticulture		
Active registration number / state / expiration date		021110		
Year registered	2006	Discipline	Certified Urban Planner	
Contract role(s) / brief description of responsibilities		Project Manager, Context Sensitive Solutions Planner, Communications Coordinator, Website Content Manager		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
(07/06-Ongoing)	Public Involvement Lead: I-10 Widening, Baton Rouge, LA. Stage 0 and 1 NEPA as well as CMAR Design Team post-FONSI			
(11/11-Ongoing)	Public Involvement Lead: I-49 Inner City Connector, Shreveport, LA. Stage 0 and 1 NEPA			
(08/14-Ongoing)	Public Involvement Lead: LA 3132 Extension, Shreveport, LA. Stage 0 and 1 NEPA			
(02/17 - 12/18)	Sustainability Planning, Engagement Plan, Program Website: LA SAFE, 6 South Louisiana Coastal Parishes			
(03/15 - 08/15)	Public Involvement Lead: North Louisiana Passenger Rail Feasibility Plan, LA.			
(12/17 - 06/18)	Public Involvement Lead: Baton Rouge Passenger Rail Stations Master Plan (service to New Orleans), LA.			

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Firm employed by:		Franklin Associates, LLC		
Name	Aymee Mallory		Years of relevant experience with this employer	6
Title	Project Manager		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization:			N/A	
Active registration number / state / expiration date			N/A	
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Project Manager, Outreach Specialist	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
(10/21-Ongoing)	<i>I-10 Widening, CMAR Design Team post-FONSI, Baton Rouge, LA.</i> Coordinate data compilation, trending and analysis on comments received through online and public meeting efforts during design efforts tied to the widening project from LA 415 to the I-10/I-12 split at Essen Lane.			
(07/22-Ongoing)	<i>Louisiana Housing Corporation (LHC) Partnership Sessions, Statewide, LA.</i> Coordinated and delivered presentations statewide, engaging rural and urban partners in both private and public sectors (“LHC Roadshow”)			
(04/21-10/21)	<i>State of Louisiana’s U.S. Treasury Emergency Rental Assistance Program, Statewide, LA.</i> Providing program information to the public and community partners. Trained team members and community partners on navigating a federal disaster assistance program. Lead reporting efforts for the statewide outreach team, including training team members on the tracking system. Organize and promote public events. Grass roots promotion of the program. Public and private presentations of program information.			
(03/22-Ongoing)	<i>MOVEBR, City of Baton Rouge, LA.</i> Provided project logistics support on multiple East Baton Rouge infrastructure project public meetings, scouting project areas to identify appropriate venues and coordinating all site logistics. Identified key project stakeholders within specific geographic boundaries for project notification needs.			
(09/16-12/16)	<i>Shelter at Home Program (Flood Relief) Statewide, LA.</i> Grassroots outreach efforts, outreach to community partners regrading program policies/application process. Program representation at the FEMA DRC.			

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Firm employed by:		Franklin Associates, LLC	
Name	Tran Doan	Years of relevant experience with this employer	1
Title	Project Manager	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization:		BS / 2019 / Business	
Active registration number / state / expiration date		N/A	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Project Manager, Communications Coordinator, Operations Manager	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
(10/21-Ongoing)	Public Involvement Coordinator: <i>I-10 Widening, Baton Rouge, LA</i> . CMAR Design Team post-FONSI, public meeting logistics/outreach/delivery.		
(4/21-Ongoing)	<i>MOVEBR, City of Baton Rouge, LA</i> . Provided project logistics support on multiple East Baton Rouge infrastructure project public meetings, scouting project areas to identify appropriate venues and coordinating all site logistics. Identified key project stakeholders within specific geographic boundaries for project notification needs.		

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Firm employed by: C. Mark Gremillion, LLC			
Name	Mark Gremillion	Years of relevant experience with this employer	30
Title	Owner / Operating manager	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization:		BS/ General Real Estate Appraiser / ROW & Expropriation Acquisitions	
Active registration number / state / expiration date		G0714	
Year registered	1994	Discipline	General Real Estate Appraiser
Contract role(s) / brief description of responsibilities		Real Estate Appraiser	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
12/13/2006	SP#038-03-0008, LA Hwy 425 Log Cabin to Arkansas State Line, Morehouse Parish, LA. ROW Acquisition of 65 Parcels.		
6/13/2006	SP#025-02-0030, US Hwy 171 Widening, Sabine Parish, LA. ROW Acquisition of 35 Parcels.		
4/5/2016	H.004932, Bridge US Hwy 90 at Hwy 318, St. Mary Parish, LA. Santec Engineering Management of 13 Parcel Acquisition.		
2/4/2016	H.008335, LA 91 Canal Bridge, St. Landry, LA. ROW Acquisition of 4 parcels for Acquisition.		
9/15/2017	H.002735, Bayou Vermillion Bridge, LA. ROW Acquisition Appraisals of 15 parcels.		
9/12/2017	H.009486, US 90: Bayou Bridge, Jefferson Davis Parish, LA. ROW Acquisition Appraisals of 4 parcels.		
2/20/2018	H.010443, LA 308 Curve Realignment, Assumption Parish, LA. ROW Acquisition Appraisals of 14 parcels.		
2/3/2020	H.013344, LA 14 @ LA 397 Roundabout, Calcasieu Parish, LA. ROW Acquisition Appraisals of 6 parcels.		
3/5/2020	H.011832, US 90: Cameron St. Overly, Lafayette Parish, LA. ROW Acquisition Appraisals of 3 parcels.		
8/17/2020	H.012393, LA 98: Roundabout at Mills Street, Lafayette Parish, LA. ROW Acquisition Appraisals of 6 parcels.		
9/15/2017	H.002735, Bayou Vermilion Bridge replacement, Lafayette Parish, LA. ROW Acquisition Appraisals of 15 parcels.		
6/10/2019	H.000464, DOTD Legal Department, US Hwy 190 @ Juban Road, Livingston Parish, LA. 2 Appraisal for Court Challenge.		
12/17/2021	Lafayette Parish Water Works District North, Lafayette Parish, LA. Valuation of 9 servitudes for expropriation.		
5/1/2022	H.011909, Roundabout US Hwy 171 at Boone Street, Vernon, LA. ROW Acquisition Appraisals of 8 parcels.		

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm employed by:		Urban Systems, Inc.		
Name	Alison C. Michel, PE, PTOE, PTP, RSP1		Years of relevant experience with this employer	21
Title	President / Transportation Engineer		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization:			BS / 1997 / Civil Engineering	
Active registration number / state / expiration date			PE #30261 / LA / 03-31-2023; PTOE #1023 / LA / 11-06-2023; PTP # 626 / LA / 11-20-2023; RSP #115 / LA / 12-21-2024	
Year registered	2002; 2002; 2017; 2018	Discipline	Civil Engineering; Professional Traffic Operations Engineer; Professional Transportation Planner; Road Safety Professional	
Contract role(s) / brief description of responsibilities			Professional in Charge of Traffic Engineering Tasks	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
(08/11-04/12)	<i>US 90 at LA 24 Pedestrian Signal Warrant Study, Terrebonne Parish, LA.</i> Ms. Michel oversaw this pedestrian signal warrant study. It was part of a project to install a sidewalk along the east side of LA 24 from Linda Ann Avenue to Marietta Place in Houma, Louisiana. The objectives included making recommendations for the placement of pedestrian crossings at both the US 90 westbound exit-ramp and eastbound entrance ramp. Ms. Michel oversaw the data collection and conducted QA/QC of the report.			
(08/20-08/21)	<i>Westbank Expressway at Whitney Ave Signal Modifications, Jefferson Parish, LA.</i> Ms. Michel oversaw the design of signal modifications at the intersection of Westbank Expy and Whitney Ave. The signal modifications were required to accommodate a new multi-use path crossing at the southern portion of the intersection. The design included audible push button activation for a pedestrian phase to run concurrently with the existing phasing. This required calculating pedestrian clearance times and developing timing plans conducive to pedestrian compliance. Ms. Michel also performed QA/QC to ensure the design met LADOTD standards.			
(04/18-07/18)	Principal In Charge: <i>Marconi Dr Traffic Study, LA.</i> Traffic study focused on increasing safety for pedestrians, cyclists, and drivers on Marconi Dr. Multi-modal traffic data was collected for use in evaluating the existing conditions. Potential improvements were identified including various pedestrian accommodations and bike lane treatments that would fit within the existing pavement as well as compliment planned projects adjacent to the study area. Capacity analysis was conducted at the signalized intersection to estimate the impact of potential lane configuration changes. Construction cost estimates were also prepared for use in ranking alternatives.			
(09/11-10/11)	<i>Teche Regional Medical Center Signal Beacon, LA.</i> Ms. Michel supervised the design of a H.A.W.K. hybrid beacon at the Teche Regional Medical Center for a pedestrian crossing of LA 70. She coordinated with LADOTD, and prepared documents required for obtaining a traffic signal permit based on LADOTD requirements. Construction administration tasks by Urban Systems staff included preparing a request for letter bids from three signal contractors, reviewing the bids, recommending a contractor based on the bids, submittal review and responding to construction inquiries.			

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(12/18-09/22)	Project Manager: <i>Port of New Orleans, St. Claude Bridge Bicycle Accommodation, LA.</i> Study to improve safety for cyclists utilizing the bridge crossing. Tasks included conducting field observations and sight distance evaluations, identifying existing equipment to be modified/removed, collecting counts of pedestrians, vehicles, and bicycles that use the bridge and collecting vehicular speed data. Short term and long-term alternatives were developed to safely accommodate bicyclists on the raised portion of the St. Claude Bridge including the Inner Harbor Navigational Canal lift span.
(04/08-11/13)	Project Manager: <i>SP 700-99-0402 Statewide Safety Studies, Ascension, Lafourche, Natchitoches, Rapides, Terrebonne, Vernon Parishes, LA.</i> Statewide Safety Studies Retainer Contract. Task-orders were issued to evaluate the safety of intersections and corridors. Ms. Michel conducted field investigations/ Road Safety Assessments in Districts 61 and 08. The studies involved collection of traffic data and a thorough review and analysis of crash reports. The resulting analysis led to either identifying the need for a feasibility study and/or the development of long- and short-term recommendations to reduce correctible crashes.
<p>Alison Michel, PE, PTOE, PTP, RSP <i>has over 24 years' experience in Traffic Engineering and Transportation Planning. Ms. Michel has extensive design experience that includes permanent and temporary traffic signals, traffic control devices for work zones, intelligent transportation systems, signage, and striping. She has supervised traffic studies for a multitude of complete streets projects with a focus on improving pedestrian safety. She has designed pedestrian signals for almost every circumstance that has included fixed time coordinated systems in a downtown environment with pedestrian only phases, actuated pedestrian signals with and without pedestrian refuges and mid-block hybrid beacons. Ms. Michel's designs of pedestrian signals have been focused on identifying phasing sequences to encourage pedestrian compliance which is a key factor that affects safety. She is proficient in microscopic simulation modeling using VISSIM and CORSIM and also in analysis programs such as Highway Capacity Software (HCS), Synchro, Tru-Traffic and SIDRA. Alison is certified in NEPA and Transportation and Decision Making Process (NHI Course #142005)</i></p>	

Firm employed by:		Urban Systems, Inc.		
Name	Nicole H. Stewart, PE, PTOE		Years of relevant experience with this employer	17
Title	Vice President / Transportation Engineer		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization:		BS / 2004 / Civil Engineering BS / 2004 / Physics		
Active registration number / state / expiration date		PE # 34750 / LA / 09-30-2023; PTOE # 2923 / LA / 08-2023		
Year registered	2009; 2012	Discipline	Civil Engineering; Professional Traffic Operation Engineer	
Contract role(s) / brief description of responsibilities		Traffic Engineering/Design Analysis, TMPs		
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).			
(02/21- Ongoing)	Florida Boulevard Improvements, LA. Ms. Stewart is currently working to finalize the traffic study to identify improvements for pedestrian access along US 190 (Florida Blvd) from N. 22 nd St to 1,140 feet east of N. Beck Street. Ms. Stewart conducted site observations and geometric field checks to document existing conditions to identify concerns that affect pedestrians and cyclists. Ms. Stewart oversaw the safety study that involved the review of more than 150 crash reports. Ms. Stewart assisted with identifying potential alternatives to improve pedestrian and bike accommodations along the US 190 corridor.			
(11/08-05/11)	Lead Engineer: Carrollton and Palmetto/Washington Streetscape Project, New Orleans, LA. For this project, corridor enhancements were designed including pedestrian surface walkway improvements; bikeways; traffic and pedestrian signalization; vehicular and pedestrian signage; landscaping, lighting, public art, pocket park improvements; minor improvements to curb and gutter, sidewalks, and street surface; minor drainage modifications and improvements; ADA compliant ramps and bus stop relocations. The project entailed Schematic Design, Topographical Survey, Environmental Study, Preliminary and Final Designs, Construction Management, and Community Meetings.			
(02/18-03/20)	Traffic Engineering Project Manager: Severn Ave: Veterans to W. Esplanade roadway reconstruction, Jefferson Parish, LA. Severn Ave is a heavily travelled multi-lane boulevard requiring complex construction sequencing. Design plans were developed for temporary signals during construction and the permanent signal configurations with pedestrian accommodations. Signal plans were developed using the latest LADOTD TSI format. Ms. Stewart also managed the temporary traffic control plan development for multiple phases of construction, and she performed QA-QC. Another element of this project was coordination with Jefferson Parish and LADOTD to obtain approval of the Parish’s equipment and specifications for use in the LADOTD bidding process.			
(07/18-07/19)	Principal in Charge: US 90 at Collins Diboll Drive signal modification plans, LA. Widening of the Ochsner Hospital driveway/ Collins Diboll Drive. This modification included upgraded video detection, push button activated pedestrian signals as well as new timing and phasing. The signal modification plans were prepared using the latest LADOTD TSI format. Ms. Stewart also prepared the LADOTD signal permit application on behalf of Ochsner.			
(09/22-10/22)	Belle Chasse Academy Charter School, LA. Ms. Stewart was the engineer responsible for reviewing the existing pedestrian			

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	accommodations at the school and identifying if changes where needed at the existing crosswalks and/or if new signalized crosswalks would be needed with the school's planned expansion. Ms. Stewart used the collected data to conduct warrants for Rectangular Rapid Flashing Beacons and Pedestrian Hybrid Beacons. Recommendations included crosswalk consolidation and implementing the use of crossing guards during peak hours of pedestrian activity.
<p>Nicole Stewart, PE, PTOE <i>has 17 years of experience in Traffic and Transportation Engineering and is a Certified Traffic Control Design Specialist. Ms. Stewart has designed numerous traffic signals with and without pedestrian accommodations in Southeast Louisiana. She has conducted safety studies for public and private clients to improve pedestrian mobility and safety in areas with high volumes of pedestrian activity. Ms. Stewart has experience in signal design and timing of coordinated systems for LADOTD. She has experience in using Highway Capacity Software (HCS), Synchro, and Sidra. Nicole is a certified ATSSA Traffic Control Supervisor.</i></p>	

Firm employed by:		Urban Systems, Inc.		
Name	Christine M. Darrah, PE		Years of relevant experience with this employer	8
Title	Transportation Engineer		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization:			BS / 1994 / Civil Engineering	
Active registration number / state / expiration date			PE # 25828 / LA / 09-30-2023	
Year registered	2009	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Transportation Engineer/Design Analysis, QA/QC	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
(05/18-Ongoing)	Project Manager: <i>N. Peters Sidewalk Expansion, LA.</i> Prepared construction drawings and specifications for the reconstruction of the sidewalk adjacent to Canal Place Shopping Center in the Downtown Development District (DDD). The work consisted of geometric layout, grading, drainage, street lighting, striping and traffic control. The plans followed all DDD, MUTCD, ADA, New Orleans DPW and S&WB requirements. Ms. Darrah also provided Construction Management Services.			
(03/13-Ongoing)	<i>FEMA Recovery Roads Program, LA.</i> Ms. Darrah assisted with the design plans for the initial phase of roadway plans for the Seventh Ward, Bayou St John and Fairgrounds neighborhoods that were damaged by events related to Hurricane Katrina. Plans were prepared for concrete patching, panel replacement and asphalt mill and overlay. Incidental paving included sidewalk and driveway replacement and ADA ramp installation at all intersections. She assisted with estimating for quantities and construction costs. For the second phase of design services, the plans were for the full re-construction of several streets including waterline replacement. She designed the drainage system using LADOTD HYDRWIN software.			
(05/21-Ongoing)	<i>Complete Streets Group C- Bicycle Boulevard Orleans Parish, LA.</i> The striping, signage, and wayfinding plan preparation for new Bicycle Boulevards on 15 corridors in Uptown and Downtown areas of New Orleans were prepared by Ms. Darrah. She oversaw data collection for 48-hour vehicular counts, pedestrian and cyclist counts, and radar speed studies. Ms. Darrah worked closely with the project team and City of New Orleans DPW to evaluate data collected and develop potential improvements to prioritize cyclist on the existing road network. Her final striping and signage designs provide clear, concise direction for cyclist, pedestrian, and motorist.			
(09/15-10/18)	Design Engineer: <i>Picardy-Perkins Traffic Signal East Baton Rouge, LA.</i> Design engineer for two traffic signals for the Picardy-Perkins Connector Project. In this role she worked closely with the prime consultant, LADOTD, and East Baton Rouge Parish to design the traffic signal operation and identify locations for signal equipment for the permanent signal plans. Signal requirements included video detection, pedestrian accommodations, and advanced warning due to limited sight distance at the railroad underpass. The 98% plans are currently under review by Baton Rouge City-Parish and LADOTD.			
(06/14-01/17)	<i>City Park Parking Lot Improvements, New Orleans, LA.</i> Ms. Darrah lent her expertise to design roadway and parking lot improvements in City Park. Ms. Darrah provided QA-QC of the construction drawings and specifications to ensure accordance with all MUTCD, AD, and New Orleans DPW requirements. To incorporate green infrastructure in the project,			

Prime consultant name: **Providence Engineering and Environmental Group LLC**



	permeable asphalt pavement was used in the parking lot. The work consisted of geometric layout, grading, drainage, utility adjustments, and striping and signage.
(05/14-11/16)	<i>Springhill Medical Hospital, Mobile, AL.</i> Ms. Darrah led the Master Circulation Plan and site improvements for Springhill Medical Hospital. Her roles included client interaction and plan preparation for improving facility and parking circulation, pedestrian safety, trailblazing signage and separate access routes for facility operations and emergency vehicles. As the project evolved, Ms. Darrah developed engineering alternatives for the access roadways to address the substantial grade differential with the adjacent canal.
(10/09-04/15)	<i>QA/QC: Engineering Services for Pakenham Dr. and Jackson Avenue, LA.</i> QA/QC of the final plans submitted in April 2015 for the federally funded reconstruction of Jackson Avenue and Pakenham Drive. The plans included complete roadway reconstruction of Pakenham Drive and Jackson Avenue, Tyler Street and Courthouse Square. Ms. Darrah conducted a thorough review of the horizontal and vertical alignments, the drainage system design, water and sewer replacement etc. for conformance with LADOTD plan requirements. She also conducted QA/QC of the construction cost estimates that were prepared based on LADOTD pay items.
Christine Darrah, PE <i>has experience in Transportation/Civil Engineering including maintenance of traffic, roadway design plan and specification preparation, construction management and quality control. She is proficient in the use of AutoCAD, Adobe Illustrator, and Highway Capacity Software (HCS). She also has experience using MicroStation and TransCAD. She has experience developing temporary striping and signage plans for various conditions including lane closures, road closures, flagging operations and full detour plans. Ms. Darrah also has experience in preparing traffic signal design plans in LADOTD format. This has included timing/phasing analysis, Data Collection, Safety studies, Crash Data Analysis, and Pedestrian Accommodations. Her many years and wide variety of experiences are valuable during studies, design development and especially QA/QC.</i>	

Firm employed by:		Urban Systems, Inc.		
Name	Matthew H. Morgan, PE		Years of relevant experience with this employer	9
Title	Transportation Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization:		BS / 2009 / Civil Engineering		
Active registration number / state / expiration date		PE # 47060 / LA / 08/11/2023		
Year registered	2022	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Transportation Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
(01/18-01/19)	<i>Port of New Orleans & LADOTD, LA 46- St. Claude Bridge Bicycle Accommodation, LA.</i> Mr. Morgan developed short term and long-term alternatives for safely accommodating bicyclists across the raised portion of LA 46 at the St. Claude Bridge and over the Inner Harbor Navigational Canal lift span. To accomplish this task, he conducted field observations which included sight distance evaluations, identifying existing equipment to be modified/removed, collecting classification data for pedestrians, vehicles, and bicycles and collecting vehicular speed data. Mr. Morgan assisted with the cost estimate and prepared a technical memorandum for the Port of New Orleans.			
(03/21-01/22)	Project Manager: <i>MOVEBR & LADOTD, North Blvd Baton Rouge, LA.</i> Traffic study for enhancing North Blvd from I-110 to Foster St for pedestrians and bicycles. He led the data collection effort which included 7-day classification counts, 48-hour classification counts, turning movement counts, spot speed studies, and driveway spot counts. He also led the effort collecting safety information from LADOTD crash websites for local and state roads. Mr. Morgan conducted safety analysis to identify the Level of Service of Safety (LOSS) and overrepresented crashes.			
(03/16-Ongoing)	<i>LADOTD, I-10/Loyola Interchange Improvement IMR New Orleans, LA.</i> Mr. Morgan led data collection efforts on I-10 and surrounding roadways for the I-10/Loyola Interchange improvements. He organized counting roadways and turning movements using video camera and pneumatic tubes. He also assisted in the collection of speed data using hand-held radar devices. Mr. Morgan helped review crashes associated with the project, analyze crash characteristics, and examine trends in crashes for the study years. He assisted with capacity analysis for existing and future alternative conditions using HCS, Synchro, and Vissim analysis software. Mr. Morgan helped write/QAQC reports, and appendixes based on the results of these analyses.			
(11/20-07/21)	<i>Manhattan Signals, Target and Gretna Blvd., Jefferson Parish, LA.</i> Mr. Morgan’s participation in the project included temporary and permanent signal design for changes to accommodate an additional northbound travel lane on Manhattan Blvd at the intersections of the Target Driveway and Gretna Blvd. The design included with the relocation of existing traffic equipment and the addition of new equipment where needed. Mr. Morgan helped with the development of plan sheets that included signal timing and phasing changes. The plans were prepared in the latest LADOTD TSI format.			
(04/18-07/18)	<i>Marconi Dr Traffic Study, Orleans Parish, LA.</i> Mr. Morgan was a key team member for a traffic study focused on increasing safety for pedestrians, cyclists, and drivers on Marconi Dr. His role was to evaluate the existing conditions on Marconi Drive			

Prime consultant name: **Providence Engineering and Environmental Group LLC**



	including vehicular, bicycle and pedestrian traffic and to identify potential improvements. Mr. Morgan led the acquisition and documentation of traffic data for the study area. He also led the analysis of the study intersections and creation of graphics to represent existing and alternative scenarios. Mr. Morgan met schedule deadlines and assisted with the generation of the report and appendix.
(06/12-07/12)	Data Collection Lead: <i>Ochsner West Campus Specialty Hospital Traffic Impact Analysis, LA.</i> Mr. Morgan collected traffic volumes, observed intersection operations, and generated figures representing the results. Mr. Morgan also assisted the project team with analysis and report table creation for signalized and un-signalized intersections.
<p>Matthew Morgan, PE <i>has nine years' experience that ranges from starting as a Data Collection Manager while in college to an E.I and now a P.E. for Traffic Engineering/ Transportation planning projects. He has collected and delivered volume, class, and speed data to project managers using road tube equipment and camera systems. Mr. Morgan has been a team member for many projects that involved intersection, freeway, and highway analysis. He has assisted with Traffic Impact Studies, Traffic Control Device Plans, Interchange Modification/Justification Reports, Stage 0 Studies, Transportation Management Plans, and a variety of other studies. Mr. Morgan's has been heavily involved in complete streets projects with a focus on bike/ pedestrian facilities. He is proficient in the following software: PetraPro, TraxPro, MetroCount, Excel, AutoCAD, Synchro, HCS, SIDRA, VISSIM, CORSIM, and Adobe suite. Morgan also has Multimodal Count experience based on the "Collecting and Using Automated Pedestrian and Bicycle Counts for Planning and Feasibility Analysis" course he took that was sponsored by the Regional Planning Commission. Matthew has completed training requirements for his Flagger Certification.</i></p>	

Firm employed by:	Urban Systems, Inc.		
Name	Alex P. Weeks, EI	Years of relevant experience with this employer	<1
Title	Engineer Intern	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization:		BS / 2020 / Civil Engineering	
Active registration number / state / expiration date		EI # 34593 / LA / 3-31-2023	
Year registered	2020	Discipline	Civil Engineer Intern
Contract role(s) / brief description of responsibilities		Transportation Engineering – Assisting PEs	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
(06/21-09/21)	<i>Jefferson Parish & LADOTD, US 90 (Jefferson) at Causeway, Jefferson Parish, LA.</i> Ms. Weeks was on the USI team to study potential improvements to the intersection of US 90 (Jefferson Hwy) at Causeway Blvd. Ms. Weeks reviewed 267 crashes reports, wrote crash descriptions, and input corrected information into the LADOTD CATscan tool. Ms. Weeks also prepared the safety analysis report that identified crash trends, compared the observed crash numbers vs statewide averages, and determined of Level of Service of Safety (LOSS).		
(03/21-Ongoing)	<i>MOVEBR & LADOTD, US 190 Bus (Florida Blvd) Segment 2 Enhancement, Baton Rouge, LA.</i> Ms. Weeks conducted safety analysis for this project corridor with a focus on pedestrian and bicycle crashes. Ms. Weeks reviewed crash reports, updated crash information in the LADOTD CATscan Crash tool, and wrote crash descriptions. Ms. Weeks also prepared sections of the report per the LADOTD TEPR guidelines.		
(07/21-11/21)	<i>MOVEBR, North Blvd Safety Study, Baton Rouge, LA.</i> Ms. Week’s role in the North Blvd project focused primarily on evaluating existing safety conditions. Ms. Weeks reviewed 161 crash reports, wrote crash descriptions for each crash, and input the crash information in to a LADOTD CATScan Crash Tool. Ms. Weeks prepared a safety analysis report that identified crash trends, comparison tables of observed vs statewide averages of crashes, and determination of LOSS.		
Alex Weeks, EI has 2 years of experience in Traffic and Transportation Engineering. Her project experience so far has included safety studies, operational improvement studies for both corridors and intersections, and signal design. Her signal design experience included use of LADOTD’s TSI format, design guidelines and pay items. She is proficient using Highway Capacity Software (HCS), Synchro, SIDRA and TruTraffic. Alex has completed training requirements for her Flagger Certification .			

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm employed by:		Urban Systems, Inc.		
Name	Fadi Madi, P.Eng. (Ontario)		Years of relevant experience with this employer	1
Title	Transportation Designer & Analyst		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization:		B.App.Sc (Honors) / 2011 / Civil Engineering		
Active registration number / state / expiration date		P. Eng. # 100174071 / Ontario (Canada) / 11-30-22		
Year registered	2017	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Transportation Engineering – Assisting PEs		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
(02/22-06/22)	Ochsner Traffic Impact Analysis, LA. The objective of the study was to evaluate the impact the proposed redevelopment of the Ochsner campus. Changes to the Deckbar Ave corridor were intended to provide a pedestrian friendly, walkable experience. Mr. Madi estimated trip generation, conducted signalized and unsignalized analysis and also acted as an advisor to other technical staff.			
(10/21-Ongoing)	Florida Blvd Segment 2 Enhancement (US 190: N22nd Street to N Beck Street), East Baton Rouge Parish, LA. Mr. Madi assisted with a study for this portion of US 190 (Florida Blvd) that was identified as needing improved access for pedestrians and cyclists. Potential intersection and signal improvements, sidewalk connections, and transit stop improvements were considered. Mr. Madi organized the collection of peak period turn movement counts and conducted field observations. He obtained growth rate data and applied it to existing volumes to forecast No Build volumes. Mr. Madi developed a methodology to re-route traffic volumes based on the proposed improvements, conducted No Build and Build analysis using HCS software and summarized the findings in a technical memorandum.			
(11/21-Ongoing)	Jefferson Hwy @ Corporate Intersection Improvements, LA. The traffic engineering for the Jefferson Highway at Corporate Boulevard Intersection Improvements project to extend existing and incorporate additional turning lanes to increase storage length and improve capacity was conducted by Mr. Madi. In addition to turning lane improvements, pedestrian facility (sidewalks, crosswalks, etc.) and driveway access enhancements were considered to improve safety, provide pedestrian connectivity to transit facilities, and improve access management. Mr. Madi was responsible for leading the technical analysis and preparation of deliverables.			
Fadi Madi, P. Eng., is a Project Manager at Urban Systems, Inc. He has over 10 years of experience working for a range of public and private sector clients in the United States and Canada. Mr. Madi is a P.Eng. in Ontario and working towards getting licensed in Louisiana. Mr. Madi is responsible for project management, and providing technical, analytical, reporting, and coordination support on a variety of transportation projects, including traffic operations, transportation planning, safety assessments, and traffic design studies. He is proficient in Synchro, HCS and TruTraffic Software and completed the LADODTD TEPR certification modules. Fadi has completed training requirements for his Flagger Certification .				

Prime consultant name: **Providence Engineering and Environmental Group LLC**



17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects 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 single sub-consultant, 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 firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	Environmental
Project name	I-49 Inner City Connector Stage 1 Environmental Impact Statement		Firm responsibility (prime or sub?)	Prime
Project number	State Project No. H.003915	Owner's name	Northwest Louisiana Council of Governments (NLCOG)	
Project location	Shreveport, Caddo Parish, LA		Owner's Project Manager	Kent Rogers
Owner's address, phone, email	401 Market Street, Shreveport, LA 71101; (318) 841-5950; kent.rogers@nlcog.org			
Services commenced by this firm (mm/yy)	09/11	Total consultant contract cost (\$1,000's)		\$4,840
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$1,921

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

The project scope consists of the preparation of a NEPA Environmental Impact Statement with Interchange Reports. Work entails conducting all necessary engineering and environmental investigation necessary to obtain environmental clearance on construction of an approximately 3.5-mile connector to link the existing I-49 to a future I-49 North. Additional study area resulting from the addition of a 13-mile alternative extended the work and contract time. Line and grade studies were performed to evaluate impacts and continuity of the existing surface street network after construction of the I-49 Connector. These line and grade studies have involved five alternatives and have included both an at-grade location and elevated (by fill or structure) location. The developed alignments and profiles were used to determine construction costs, relocations, and other impacts and costs associated with the various alternatives. Other tasks include managing subconsultants for traffic, outreach, and cultural resources; also includes preparation of interchange modification and justification reports for existing and proposed interchanges.

TEAM MEMBERS:

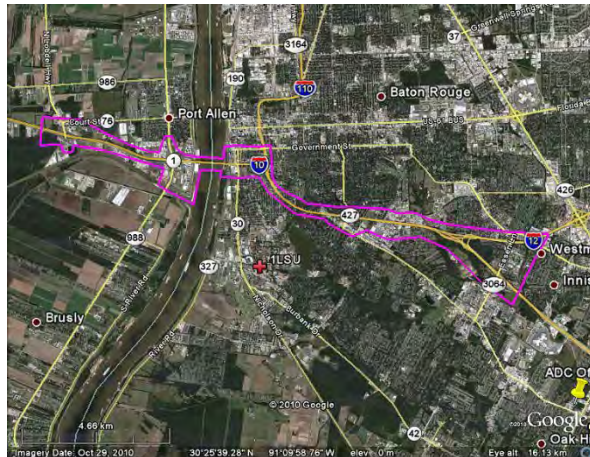
Tanner Jones
Taylor S., PWS, CWB
Paul Clifton, PWS
Kerry Oriol
 Lowell Hebert
 Gary Leonards, PE

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm name	Providence Engineering and Environmental Group LLC	Past Performance Evaluation Discipline(s)*	Environmental
Project name	I-10: LA 415 to Essen Lane on I-10 and I-12 Stage 1 Environmental Assessment		Firm responsibility (prime or sub?) Prime
Project number	State Project No. H.004100.2 Federal Aid Project No. H004100	Owner's name	Louisiana Department of Transportation and Development (DOTD)
Project location	East and West Baton Rouge Parishes, LA	Owner's Project Manager	Brian Kendrick
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802; (225) 379-1197; brian.kendrick@la.gov		
Services commenced by this firm (mm/yy)	01/17	Total consultant contract cost (\$1,000's)	\$2,921
Services completed by this firm (mm/yy)	10/21	Cost of consultant services provided by this firm (\$1,000's)	\$842

The goal of this project was to provide a Stage 0 Feasibility Study and Environmental Inventory and Stage 1 Planning and Environmental Study to obtain an environmental decision to implement improvements and increase capacity of Interstate 10 (I-10) through Baton Rouge. The corridor included I-10 and I-12 from the LA 415 interchange to the I-10 and I-12 interchanges at Essen Lane. The scope of the project



involved management of a Stage 1 Environmental Assessment, FONSI, Line and Grade Study, and Traffic Study with Four Interchange Modification Reports for improvements to I-10 in East and West Baton Rouge Parishes. Efforts included the analysis of existing conditions along I-10 and implementation of various concepts to recommend a preferred alternative. Various concepts included widening existing infrastructure and revising interchanges. Extensive public outreach was included in this project to ensure public input was received throughout the process. Services provided by Providence included project management/coordination, work plan development, preliminary purpose and need, GIS mapping, public outreach and agency involvement, wetlands assessments, environmental studies/inventory, alternatives development and analyses, constructability review, cost estimating, and final Stage 0 report preparation.

TEAM MEMBERS:

Paul Clifton, PWS
Kerry Oriol
Tanner Jones
Taylor S., PWS, CWB
Chris McGraw
Terral Martin
Tim Kimmel, AWB

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm name	Providence Engineering and Environmental Group LLC	Past Performance Evaluation Discipline(s)*	Environmental
Project name	LA 1/ LA 415 Connector		Firm responsibility (prime or sub?) Prime
Project number	State Project No. H.005121	Owner's name	Louisiana Department of Transportation and Development (DOTD)
Project location	West Baton Rouge Parish, LA	Owner's Project Manager	Anna Hanks
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70802; (225) 379-1726; anna.hanks@la.gov		
Services commenced by this firm (mm/yy)	12/16	Total consultant contract cost (\$1,000's)	\$260
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$234

An environmental assessment (EA) with Finding of No Significant Impact (FONSI) was approved in 2007 for a new connector roadway between LA 1 and LA 415 with a new high bridge over the Intracoastal Canal. Due to the length of time and regulation changes since the original FONSI was issued, a written reevaluation of the EA and previously issued FONSI is required. The scope of services will include a vessel survey to determine if a lower bridge height at the Intracoastal Canal would be possible to decrease the angle and grading of the approaches, as well as a written reevaluation of the 2007 EA/FONSI to assess its validity by evaluating any changes which may have occurred in either the project's concept, affected environment, or laws and regulations. Preparation of the written reevaluation shall be in accordance with the NEPA, the FHWA Technical Advisory (TA) 6640.8a, the current transportation plan in MAP-21, applicable rules, laws, guidance, and regulations, and other applicable federal and DOTD publications. The 2007 EA included technical studies that will also require reevaluation, including but not limited to: Wetland Finding, Phase I Environmental Site Assessment, Phase I Cultural Resources Survey Reports, and Conceptual Stage Relocation Plan. Depending on the findings of the reevaluation, the Consultant shall either update the dates of the 2007 FONSI or prepare/submit a new FONSI to FHWA for approval.

TEAM MEMBERS:

Kerry Oriol
Paul Clifton, PWS
Tanner Jones
Amelia Adams
Emily Foster
Josh Caillouet

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	Environmental
Project name	Belle Chasse Bridge and Tunnel Replacement		Firm responsibility (prime or sub?)	Prime
Project number	State Project No. H.0044791	Owner's name	Louisiana Department of Transportation and Development (DOTD)	
Project location	Plaquemines Parish, LA		Owner's Project Manager	Traylor - Massman, Joint Venture (contractor): Brian Fitzsimmons
Owner's address, phone, email	9270 Siegen Lane, Suite 404 Baton Rouge, LA 70810; (225) 768-8811			
Services commenced by this firm (mm/yy)	02/20	Total consultant contract cost (\$1,000's)		\$162,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$1,168

The Belle Chasse Bridge and Tunnel Replacement Public-Private Partnership Project is designed to improve connectivity of the Belle Chasse Highway (LA 23) from Lapalco Blvd/Behrman Hwy (LA 428) in Jefferson Parish to Woodland Hwy (LA 406) in Plaquemines Parish. This project will maintain or improve modal interrelationships between vehicular traffic on LA 23 and maritime traffic in the GIWW. Specific improvements include replacement of existing Belle Chasse Tunnel and vertical lift Judge Perez Bridge crossing the GIWW with a new mid-rise fixed span four-lane bridge and ancillary connector roadways. Providence is providing multimedia environmental compliance and training assistance during the project, including preparation of a Comprehensive Environmental Protection Plan (CEPP). Services provided will include wetland delineations, USACE and coastal use permitting assistance, protected species surveys and reporting, construction SWPPP (Stormwater Pollution Prevention Plan), SPCC (Spill Prevention, Control, and Countermeasure) Plan, environmental compliance training, and Phase I ESAs (Environmental Site Assessments).

TEAM MEMBERS:

Kerry Oriol
Paul Clifton, PWS
Tanner Jones
Taylor S., PWS, CWB
Chris Cortez
Chris Coyne
CJ Franklin, Jr.
Devon Ducote
Wren Vicknair
Yvonne Baker

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	Environmental
Project name	Mississippi River Bridge GBR: LA 1 to LA 30 Connector		Firm responsibility (prime or sub?)	Sub
Project number	State Project No. H.013284	Owner's name	Louisiana Department of Transportation and Development (DOTD)	
Project location	EBR, WBR, Ascension, Iberville, LA		Owner's Project Manager	Atlas Technical Consultants, LLC (Prime): Kara Moree
Owner's address, phone, email	8440 Jefferson Hwy Suite 400, Baton Rouge, LA 70809; (225) 281-0653; kara.moree@oneatlas.com			
Services commenced by this firm (mm/yy)	01/19	Total consultant contract cost (\$1,000's)	Unknown	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$179	

This project includes an Enhanced Planning investigation with the ultimate objective to construct a new crossing of the Mississippi River. The connector shall be located north of the LA 70 "Sunshine" river crossing and south of the I-10 river crossing. The connector shall connect to LA 1 on the west side of the river and to LA 30 on the east side of the river. Providence, as a subconsultant to Atlas Technical Consultants, LLC, is providing environmental services that include identifying the preliminary purpose and need (P&N), revising, submitting and updating P&N; permitting agency coordination; reviewing of studies and plans for data gaps; GIS figures; identifying corridors that meet P&N; identifying alternative boundaries; developing/submitting Environmental Screening methodology; compiling environmental inventory for alternatives for use in narrowing alternatives; support outreach and engagement overview, providing appropriate input for the CARB-D website, developing a draft Final Report for Phase I, addressing comments from Phase I, preparing materials and attending agency brief meetings/focus group meetings, and public meetings.

TEAM MEMBERS:

Kerry Oriol
Paul Clifton, PWS
Tanner Jones
 Amelia Adams

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm name	Arcadis U.S., Inc.	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

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. **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**.

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

Prime consultant name: **Providence Engineering and Environmental Group LLC**

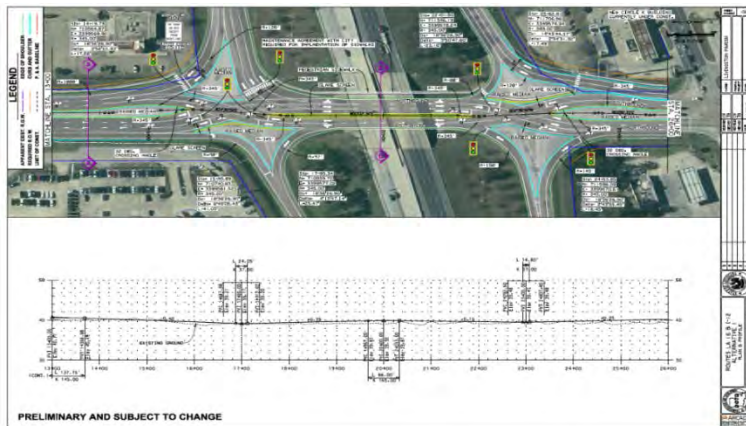


Firm name	Arcadis U.S., Inc.	Past Performance Evaluation Discipline(s)*	Planning, Traffic, Env, Road
Project name	Pete's Highway Interchange Alternatives and Environmental Assessment		Firm responsibility (prime or sub?) Prime
Project number	H.002397.2	Owner's name	Louisiana Department of Transportation 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

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. **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. **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 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.

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



Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm name	Arcadis U.S., Inc.	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

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.

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 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



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

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.

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

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm name	Franklin Associates		Past Performance Evaluation Discipline(s)*	Planning, Other
Project name	I-10 (LA 415 to Essen Lane on I-10 and I-12) Stage 0			Firm responsibility (prime or sub?) Sub
Project number	State Project No. H.004100.1	Owner's name	Louisiana Department of Transportation and Development (DOTD)	
Project location	East Baton Rouge and West Baton Rouge parishes		Owner's Project Manager	Nick Olivier
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA, 70802; 225-379-1197; nicholas.olivier@la.gov			
Services commenced by this firm (mm/yy)	07/06	Total consultant contract cost (\$1,000's)		\$2,079
Services completed by this firm (mm/yy)	12/11	Cost of consultant services provided by this firm (\$1,000's)		\$324

Conduct outreach and public meetings for potentially affected homeowners and business owners to provide updates on the project's status, relevant timelines and gain public feedback. Franklin was a sub to the transportation engineering firm for DOTD's Stage 0 (feasibility study) and Stage 1 (NEPA EA) for this project. Franklin identified and conducted in-person meetings with six different groups of project stakeholders including elected officials, corridor residents, corridor businesses, regional institutions, and more. These group meetings continued through both project phases, although membership of each group did fluctuate over the five years of project duration. Also during both stages, three rounds of public meetings were conducted in venues on both sides of the Mississippi River to conveniently accommodate concerned citizens and business owners. Turnout was robust throughout the course of the project as the interstate system through Baton Rouge is often congested and is of concern to all. Franklin enlisted the services of LSU's Public Policy Research Lab in 2015 to conduct two statistically relevant surveys. The first was a telephone survey of 655 randomly selected residents and the second was a survey of 325 businesses located within five miles of the corridor along the length of I-10 / I-12 between Lake Charles and Slidell, Louisiana. Results of these two surveys corroborated the results of general public input at the in-person meetings, and the results of an anecdotal online survey launched by Franklin which received over 13,800 responses due to promotion on the project website, on local television news, through email marketing campaigns to stakeholder lists, and through various social media accounts. The project concluded with FHWA's issuance of a FONSI (Finding of No Significant Impact) in February of 2021 for the NEPA study of interstate lane additions, ramp modifications and associate surface street improvements contained in this project, and the Franklin team has since assisted in the CMAR Design team outreach and education efforts in final design and implementation phases post-FONSI.

Participating staff: Perry Franklin, Kyla Jones, Risa Mueller, **James Taylor**

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm name	Franklin Associates		Past Performance Evaluation Discipline(s)*	Planning, Other
Project name	I-10 (LA 415 to Essen Lane on I-10 and I-12) Stage 1			Firm responsibility (prime or sub?) Sub
Project number	State Project No. H.004100.2	Owner's name	Louisiana Department of Transportation and Development (DOTD)	
Project location	East Baton Rouge and West Baton Rouge parishes		Owner's Project Manager	Nick Olivier
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA, 70802; 225-379-1197; nicholas.olivier@la.gov			
Services commenced by this firm (mm/yy)	07/06	Total consultant contract cost (\$1,000's)		\$3,014
Services completed by this firm (mm/yy)	12/20	Cost of consultant services provided by this firm (\$1,000's)		\$262

Conduct outreach and public meetings for potentially affected homeowners and business owners to provide updates on the project's status, relevant timelines and gain public feedback. For brevity, a description of services provided is included with the Stage 0 project listed above. Note: The project concluded with FHWA's issuance of a FONSI (Finding of No Significant Impact) in February of 2021 for the NEPA study of interstate lane additions, ramp modifications and associate surface street improvements contained in this project, and the Franklin team has since assisted in the CMAR Design team outreach and education efforts in final design and implementation phases post-FONSI.

Participating staff: Perry Franklin, Kyla Jones, Risa Mueller, **James Taylor**

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm name	Franklin Associates		Past Performance Evaluation Discipline(s)*	Planning, Other
Project name	LA 3132 (Inner Loop) Extension Stage 1			Firm responsibility (prime or sub?) Sub
Project number	State Project No. H.009213.2	Owner's name	Northwest LA Council of Governments	
Project location	East Baton Rouge and West Baton Rouge parishes		Owner's Project Manager	Kent Rogers
Owner's address, phone, email	625 Texas Street, Suite 200, Shreveport, LA 71101; 318-841-5950; kent.rogers@nlcog.org			
Services commenced by this firm (mm/yy)	08/14	Total consultant contract cost (\$1,000's)		\$1,467
Services completed by this firm (mm/yy)	06/20	Cost of consultant services provided by this firm (\$1,000's)		\$38

Franklin Associates has assisted the prime project engineering firm and NLCOG with identifying and conducting project stakeholder group meetings which informed project designers in advance of general public meetings. Franklin then scheduled, advertised, facilitated and documented two rounds of public meetings at venues near the project corridor convenient to local residents and businesses. At least four separate alignments for the highway were considered, which will enhance service to the Port of Caddo-Bossier and a future interstate linking I-49 south of Shreveport to Minden and I-20. Public input helped to refine and clarify the selection of the project's preferred solution. The project is currently on pause, awaiting a time when authorities believe it is safe to hold an in-person public hearing event.

Participating staff: Perry Franklin, Kyla Jones, Risa Mueller, **James Taylor**, Ritney Castine

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm name	C. Mark Gremillion, LLC		Past Performance Evaluation Discipline(s)*	Appraiser
Project name	Roundabout US Hwy 171 at Boone Street			Firm responsibility (prime or sub?) Prime
Project number	State Project No. H.011909	Owner's name	Louisiana Department of Transportation and Development (DOTD)	
Project location	Leesville, LA		Owner's Project Manager	
Owner's address, phone, email				
Services commenced by this firm (mm/yy)	07/21	Total consultant contract cost (\$1,000's)		\$28
Services completed by this firm (mm/yy)	08/22	Cost of consultant services provided by this firm (\$1,000's)		\$24

C. Mark Gremillion, LLC was contracted through IDIQ contract selection process. C. Mark Gremillion was selected along with one other appraiser to perform independent appraisal for an intersection that has experienced very high growth. DOTD had identified this intersection as site for upgrade and installation of a roundabout. All properties effected at this intersection were significant commercial enterprises. Mr. Mark Gremillion personally inspected all properties, contract ownership of national ownership, researched local real estate sales, established reliable comparable sales. Upon completion of the analysis and resulting opinions of value issued reports to DOTD for formal expropriation.

Team: **Mark Gremillion**

Prime consultant name: **Providence Engineering and Environmental Group LLC**



Firm name	Urban Systems, Inc.		Past Performance Evaluation Discipline(s)*	Traffic
Project name	Florida Boulevard Corridor Study			Firm responsibility (prime or sub?) Sub
Project number	20-EN-HC-0003	Owner's name	City of Baton Rouge and Parish of East Baton Rouge	
Project location	East Baton Rouge Parish, LA		Owner's Project Manager	Jolie Maberry
Owner's address, phone, email	1200 Brickyard Lane Suite 400, Baton Rouge, LA, 70802; (225) 215-5175; jolie.maberry@stantec.com			
Services commenced by this firm (mm/yy)	05/21	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$148

The MoveBR Transportation and Infrastructure Improvements Plan in East Baton Rouge Parish identified a portion of US 190 (Florida Blvd) to improve access for pedestrians and cyclists through intersection and signal improvements, sidewalk connections, and transit stop improvements. The corridor was studied as two (2) independent segments: 22nd St to N Foster St and Cloud Dr to US 61. The purpose was to identify and analyze signalized controlled intersection crossing areas with a high number of observed pedestrian and bike crashes, as well as collisions involving uncontrolled crossings (midblock) and to develop mitigation measures to improve vulnerable road users' safety. Data collection involved obtaining signal phasing and timing data, reviewing detailed crash history, conducting field observations during peak pedestrian times, identifying existing bus stop locations, quantifying pedestrian/cyclist activity, identifying existing pedestrian infrastructure, and obtaining speed study data. As part of the safety review, pedestrian and bike crash results were read in detail for the past five (5) years. Patterns such as time of day, lighting conditions, manner of collision, and location of the crash were noted. Signal timings were reviewed to check if there is enough time for pedestrians to cross. At intersections without enough time for pedestrians to cross in one (1) stage, signal operations to provide for two (2) stage crossings with a median refuge were analyzed and the addition of a median considered. A speed study was conducted to measure the operating speeds on Florida. A review of bus stop locations to identify potential consolidation and/or relocations was also conducted. Mitigation strategies / alternatives were developed based on the results of the field observations, safety review, signal timing review, and speed study. Potential bus stop consolidation / relocation alternatives will be identified at a later stage in collaboration with CATS.

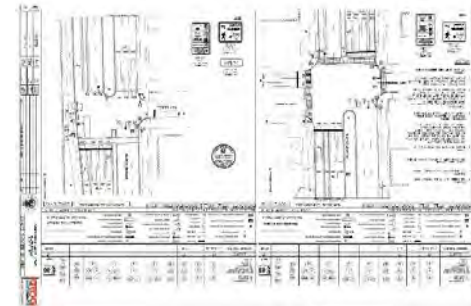
F. Madi
N. Stewart
A. Weeks
A. Michel



Firm name	Urban Systems, Inc.		Past Performance Evaluation Discipline(s)*	Traffic
Project name	Severn Avenue Corridor Improvements			Firm responsibility (prime or sub?) Sub
Project number	2017-026-RBP	Owner's name	Jefferson Parish	
Project location	Jefferson Parish, LA		Owner's Project Manager	Mark Drewes
Owner's address, phone, email	1221 Elmwood Park Boulevard, Suite 802, Jefferson, LA, 70123; (504) 736-6512			
Services commenced by this firm (mm/yy)	02/19	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	08/19	Cost of consultant services provided by this firm (\$1,000's)		\$68

Urban Systems was tasked with designing traffic signal modification plans and traffic control devices plans (TCDP) for the Severn Avenue Corridor Improvements project. As Severn Avenue is a commercial corridor including a Class A shopping center, ensuring that pedestrians could safely traverse the area both during and after construction was paramount. Due to the geometric roadway changes for this project, modifications to the traffic signals were required for the intersections of Severn Ave at Lakeside and 17th/ 18th Street. Traffic signal modification plans included equipment relocations and upgrades to pedestrian accommodations. Upgraded pedestrian accommodations included pedestrian push buttons, pedestrian signal heads, signage, striped crosswalks and handicap ramps to increase pedestrian visibility and minimize to chance of pedestrian related collisions. The traffic signals were designed in the latest LADOTD TSI format and to meet the requirements of Jefferson Parish, LADOTD and the MUTCD. Key components of the design were calculating pedestrian clearance intervals and identifying the best phasing sequence to accommodate a two (2) stage crossing that would encourage compliance and therefore increase safety. The TCDP included site specific intersection details for phased intersection closures at three (3) intersections. The project worked with Jefferson Parish throughout the project to develop an efficient and minimally impacting construction sequence while still maintaining both vehicular and pedestrian access.

N. Stewart
A. Michel
 K. Pham
M. Morgan



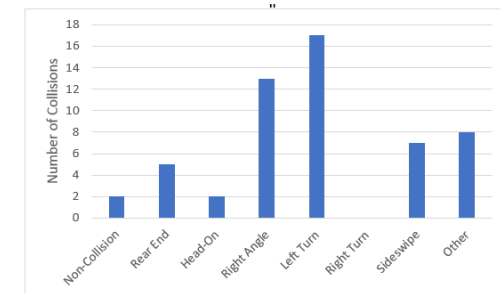
Urban Systems also developed detailed Jefferson Parish specifications for each signal, a construction cost estimate and a bid tabulation for use in the bidding process. Urban Systems staff worked with LADOTD and Jefferson Parish personnel to obtain LADOTD pay item numbers. The project had a tight schedule and USI staff was able to deliver the plans so they could be implemented prior to the Thanksgiving holiday.

Firm name	Urban Systems, Inc.		Past Performance Evaluation Discipline(s)*	Traffic
Project name	Marconi Drive and Safety Study			Firm responsibility (prime or sub?) Sub
Project number	RPC Task A-2.18; FY-18 UPWP	Owner's name	Regional Planning Commission	
Project location	New Orleans, LA		Owner's Project Manager	Nik Richard
Owner's address, phone, email	10 Veterans Memorial Blvd, New Orleans, LA 70124; 504.483.8555; nrichard@norpc.org			
Services commenced by this firm (mm/yy)	02/18	Total consultant contract cost (\$1,000's)		\$50
Services completed by this firm (mm/yy)	05/18	Cost of consultant services provided by this firm (\$1,000's)		\$24

The objective of this project was to evaluate the existing conditions on Marconi Drive including vehicular, pedestrian and bicycle traffic and to identify potential improvements. Urban Systems was a subconsultant on this project and the primary responsibilities included the following:

- Collecting multi-modal traffic data
- Reviewing crash reports and analyzing data to identify crash trends
- Evaluating operational conditions utilizing capacity analysis
- Conducting turn lane warrant analysis
- Assisting with developing alternatives with various improvement strategies
- Evaluating potential safety improvements while quantifying the impact on operational conditions

A. Michel
C. Darrah
K. Pham
M. Morgan



The study included both signalized and unsignalized intersections along Marconi. The alternatives considered included signal phasing and timing changes, modifications to the existing sidewalks, off-street parking changes, exclusive bike lanes, shared bike lanes and modifying the roadway section to include turn lanes. The development of alternatives had to compliment other planned projects in the area for sidewalks, shared use paths and bike lanes.

During the project Urban Systems conducted a detailed literature review to identify the latest standards and best practices regarding multi-modal facilities, specifically to accommodate pedestrians and bicycles.

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 improve quality or 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.

PROJECT MANAGEMENT

One key aspect of a successful team is familiarity between both individuals within a company and companies as a whole. The Team that is presented in this proposal has worked successfully together on multiple major projects, including a few of the projects presented in this proposal. **Providence and Arcadis are currently serving together on an IDIQ for Stage 0 Studies for DOTD**, so the familiarity between individuals at each company will aid tremendously in this project. Furthermore, **Providence, Urban Systems, and Franklin have worked together successfully** on several projects each serving in the exact role that is presented here. Once again, the relationships that have been built among these companies will serve as a substantial benefit to the project because of the trust within the team that each company has the expertise to execute their portion of the project successfully and effectively.

AGENCY AND PUBLIC COORDINATION/OUTREACH

Franklin Associates, LLC (Franklin) will handle all outreach tasks. A Public Notice informing the public that the project has been reopened for federal funding approval, providing the opportunity for comment will be prepared and published in the appropriate news sources. **Providence** will draft a Solicitation of Views (SOV) letter for review and comment by LADOTD and obtain the current state and parish mailing lists. Upon approval of the SOV letter and mailing list (revised as necessary), Providence will send the SOV letters to designated agencies, governments, and organizations and summarize responses for inclusion in the EA. There will be one public meeting to present and discuss the Build Alternatives for the project, and Providence will also include exhibits at this meeting on the Vine Street Reconstruction project to ensure the public is aware of the scope of that portion of the project. The public meeting will be conducted using a scheduled presentation style format with an open house format to follow. A public hearing may also be required to present the results of the environmental document to the public. The public hearing will be conducted using an open house format with a continuously running presentation. All arrangements for the Public Meeting/Public Hearing, including location, time, preparation and mailing of notice, preparation of appropriate exhibits, preparation of the technical presentation, and handouts, will be made by Providence, subject to DOTD's approval.

ENVIRONMENTAL ANALYSIS AND DOCUMENTATION

Providence will prepare an EA in accordance with the National Environmental Policy Act (NEPA) and the FHWA regulations and guidelines. Our Team has a complete understanding of this environmental process and a wealth of knowledge on the Stage 1 EA process and LA DOTD requirements. Our Team is exceptionally qualified to complete this project in a timely manner to help determine the most viable alternative for this corridor. These projects begin by understanding the limits of the proposed improvements as well as the need to assess conditions beyond those limits. Providence is familiar with the project area and is prepared to utilize all available sources to compile a comprehensive GIS database of environmental features and issues of potential concern for use in thoroughly assessing the environmental impact of the proposed improvements. The team will build upon

information and concerns gathered during Solicitation of Views from project stakeholders. In addition, Providence is cognizant of local business owner concerns regarding potential loss of access as well as various safety concerns. Providence will continue the dialogue initiated by LA DOTD with interested stakeholders and ensure their concerns are taken into consideration as alternatives are refined and the project moves through the NEPA process. Further, Providence will refine the Purpose and Need as necessary.

Providence's strongest attribute is its environmental capability and its ability to perform and document, in house, all Phase 1 site assessments and biological assessments, including Threatened and Endangered Species evaluations. This includes the identification and preparation of all regulatory permits required by the proposed action. The Providence Team understands the potential for noise and air quality impacts brought about by increasing vehicular capacity along a transportation facility. **Arcadis** is prepared to accurately assess these impacts as they relate to the projected travel demand of each alternative to be considered. Also noted, is the importance of identifying elements throughout the study area of cultural, historical, and social significance. The existence of, and potential impacts to, culturally and historically significant features will be documented by **Providence** as part of a Phase 1 Cultural Resources Survey; while socio-economic conditions will be assessed and documented in accordance with Title VI of the 1964 Civil Rights Act and Executive Order 12898. Providence understands the importance of quality NEPA documents. We define a quality document as one that balances compliance with regulatory requirements in a concisely written, well organized, easy to read format. Providence will work with the Department to establish a project-specific format that will meet the needs of not only the regulatory agencies, but also the public. Comments from the LA DOTD Environmental Section will be addressed prior to public distribution of the draft document.

LINE AND GRADE STUDY:

Arcadis U.S., Inc.'s (Arcadis) roadway design team will work in conjunction with traffic, safety, and environmental disciplines from our team and LADOTD to find and develop the most suitable engineering solution for the project. **Design Criteria** – Early in the design process, the design team will re-evaluate roadway and/or bridge design criteria based on LADOTD design guidelines and a systematic evaluation of existing site data, traffic data, as-built plans, previous engineering reports, and project purpose and need. Design criteria will be developed with consultation and input from LADOTD, District, LPAs and stakeholders, and will be submitted for approval prior to initiating design activities. **Alternatives Screening / Evaluation** - Once the design criteria are established and relevant data and analysis results are reviewed, the project discipline leads will work together to identify potential design alternatives. The alternatives will explore options that satisfy the project needs while **minimizing impacts and enhancing multi-modal mobility and safety**. The analysis will focus on impacts and design constraints most relevant to the project, which typically include right-of-way, geometric constraints, utility impacts, environmental constraints, access management, constructability, maintenance of traffic and project cost. Alternative concepts will contain enough detail to provide a rational method for evaluating and comparing the technical design characteristics, environmental, and monetary aspects of each alternative. Complete streets, multi-modal, and context sensitive solutions will also be considered in alternative development as determined necessary in this phase of design. Based on the results of the analysis, a preferred alternative will be selected and submitted to LADOTD for approval. **Impact Assessment** - The Arcadis design team will provide their expert opinion regarding structural, geometric, hydraulic, and safety issues. They will refer to the environmental checklist and, when necessary, conduct site surveys to adequately address the requirements of the site being studied. They will ensure the project's feasibility and provide technical data to make informed decisions about the project cost and right-of-way requirements. The Team's primary goal will be to offer alternatives that meet the project's purpose and need while providing cost-effective and buildable solutions. **Utility Coordination** – Arcadis will provide detailed plans to facilitate early coordination and identification of utility impacts. Utility owners impacted by the proposed roadway improvements within the project limits will be

identified to coordinate the best relocation plan which is critical to maintaining the project schedule. **Plan Preparation** – Typical sections and Plan and profile drawings of the proposed horizontal alignment will be prepared and will adhere to LADOTD's Roadway Plan Preparation Drafting and Software Standards. Bentley Inroads and MicroStation software will be used for design of the project. ProjectWise will serve as the document management software for plan development to ensure integration with LADOTD and to foster collaboration between different disciplines.

TRAFFIC

Urban Systems Inc., assisted by **Arcadis** will perform the traffic tasks. The focus of the Traffic Engineering tasks will be to identify and analyze the intersections within the study area that have had and/or are predicted to have a high number of pedestrian crashes. The project team will employ the most up to date industry standards and other innovations regarding pedestrian accommodations. The data collection will begin with collecting count and speed data, obtaining the Traffic Signal Inventories from the District Traffic Operations Engineer and downloading the crash data from the LADOTD databases, Crash 1 and Crash 3. Traffic count collection will use pneumatic tubes, Scout cameras and/or Count Cams depending on the location and type of data required. Speed data will be collected using Pocket Radars in a vehicle and/or inconspicuous location so drivers are not aware that their speed is being monitored as this could result in speeds that are lower than normal driver behavior. The various speed data will be calculated to identify what speed reduction measures are needed and appropriate for this section of roadway. The crash data obtained from the LADOTD databases will include summaries and the individual crash reports. The Project Team's extensive safety analysis experience using the LADOTD CAT Scan tool and QA/QC process will ensure accurate results. Use of EarthPoint tools to export and import the latitude and longitude locations settings provides precise accuracy on collision diagrams. Field visits and observations will be critical to understanding the needs of the community regarding pedestrian access and safety. Initial findings indicate a somewhat depressed area with vacant properties and little to no pedestrian activity. Improving the pedestrian accommodations by strategically placing crosswalks with ADA compliant ramps as part of the roadway reconstruction may help revitalize the area. Furthermore, obtaining community member input on existing needs and/or future development plans will be important when selecting the optimum locations and control for pedestrian facilities for each of the alternatives identified within the overall study. The Traffic Engineering/Transportation Planning aspects will be summarized and incorporated into the final environmental document.

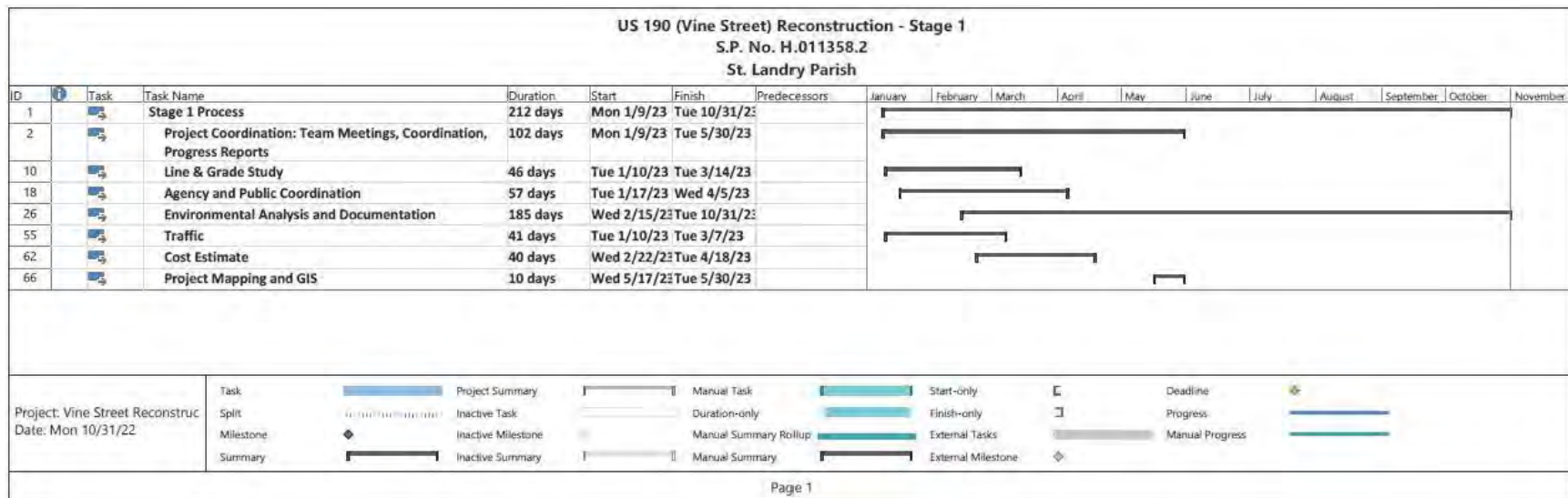
REAL ESTATE/APPRaisal

C. Mark Gremillion, LLC will handle all real estate/appraisal tasks as defined in this contract. The DOTD Form "A" appraisal report will be required based on the appraisal tasks discussed in the RFP. Adherence of the Form "A" guidelines requires an analysis of both the right-of-way plans and construction plans, personal property identification, a statement of the known and observed encumbrances, title information review, identification of present use, statement of proposed intended use, intended user property location and zoning, a five-year sales history of the property, analysis of highest and best use (vacant and improved, if applicable), and analysis of comparable sales with justification of adjustments. Upon completion of the appraisal process, the appraiser is required to execute a Certificate of the Appraiser citing compliance with the DOTD operation manual, USPAP compliance and Federal Guidelines, and a Certificate of Estimate of Completion required for expropriation.

QUALITY ASSURANCE PLANS

Quality services are imperative, and Providence has adopted a Quality Assurance Program Policy and Procedure review process to ensure that a project meets requirements and can be accomplished as designed within the specified time. Quality is achieved by performing work functions carefully and in conformance with project requirements and standardized data verification procedures. Both the work originator and the individual responsible for verifying the work are identified. A series of reviews are made at various stages to determine if the work is being developed according to the project's requirements. Through use of project work plans, proactive communication skills and teamwork, quality is ensured.

PROJECT SCHEDULE



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(s)	Past Performance Evaluation Discipline(s) *	State Project Number	Project Name	Remaining Unpaid Balance**
Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.004634	IDIQ Contract for Construction Engineering TASK 1 Management and Staff Augmentation Services for District 62 St. Helena, Livingston, St. John, St. Tammany, Tangipahoa and Washington Parishes	\$1,164,810
Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.000464	IDIQ Contract for Construction Engineering Management and Staff Augmentation Services for District 62 St. Helena, Livingston, St. John, St. Tammany, Tangipahoa and Washington Parishes	\$1,139,185
Providence Engineering and Environmental Group LLC	Environmental	H. 004791	Belle Chasse Bridge and Tunnel Replacement Public- Private Partnership Project	\$895,548
Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.011670	Loyola Drive/Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA) Design-Build Project (Subconsultant)	\$166,626
Providence Engineering and Environmental Group LLC	Environmental Planning Traffic	H.005121	SPN H.005121.5 LA 1/LA 415 Connector Route LA 1/LA 415 West Baton Rouge Parish (Supplemental Agreement No 1, Contract 4400007803)	\$134,517
Providence Engineering and Environmental Group LLC	Environmental	H.003968.5	SPN 700-10-0115; I-10 Calcasieu River Bridge, Sampson St. Interchange TASK 1 Environmental and Litigation Support for EDC Contamination	\$106,904
Providence Engineering and Environmental Group LLC	Survey Road	H.013340	Valhi Blvd. Multi-Use Trail, Phase 1	\$85,861

Firm(s)	Past Performance Evaluation Discipline(s) *	State Project Number	Project Name	Remaining Unpaid Balance**
Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.010100	Pesson Elementary Sidewalks Safet Route to School Project: IDIQ Contract for CE&I Services (SPN/ FAP H. 010100 / Task Order No. H.010100.06)	\$58,489
Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.012235	White Castle Sidewalks Safe Routes to School Project : IDIQ Contract for CE&I Services (SPN/ FAP H. 012235 / Task Order No. H. 012235.6)	\$31,098
Providence Engineering and Environmental Group LLC	Environmental / Planning	H.013284	MRB South GBR: LA 1 to LA 30 Connector	\$17,660

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
Arcadis U.S., Inc.	Environmental	H.002397.2	LA 16 (Pete's Hwy) Interstate 12 Interchange Route	\$20,109
Arcadis U.S., Inc.	Environmental	H.011328.2	I-49 South (Ricohoc to Berwick)	\$807,263
Arcadis U.S., Inc.	Traffic	H.011328.2	I-49 South (Ricohoc to Berwick)	\$172,040
Arcadis U.S., Inc.	Road	H.011328.2	I-49 South (Ricohoc to Berwick)	\$344,080
Arcadis U.S., Inc.	ITS	H.013868.5	ITS Program Management and Operations (2022)	\$405,062
Arcadis U.S., Inc.	ITS	H.013868.6 (A)	ITS Routine Maintenance Engineering and Inspection (ME&I) (2022)	\$499,404
Arcadis U.S., Inc.	ITS	H.013868.6 (B)	ITS Responsive/Emergency Maintenance Engineering and Inspection (ME&I) (2022)	\$120,369
Arcadis U.S., Inc.	ITS		Purchase Order No. 2000673913 Upgrade of Existing CCTV Camera with New HD CCTV Camera on the I-20 @ Barksdale CCTV Pole in Shreveport, LA; Purchase Order No. 2000673940 US 61 @ Troop A Mini-Split Install; Purchase Order No. 2000673945 NORTMC Security CCTV Maintenance; Purchase Order No. 2000686217 I-110 @ 72 nd St. CCTV Site Repair	\$19,200
Arcadis U.S., Inc.	CE&I/OV	H.011220.6-1	I-10 CBD2 Carrollton-Lafitte Ave and Supplement Nos. 1 & 2	\$199,049
Arcadis U.S., Inc.	CE&I/OV	H.013710.6	I-10: US 61 to Laplace ITS Deployment	\$399,803
Arcadis U.S., Inc.	Traffic	H.012889.5	I-20 Rehab (Pines Road to I-220)	\$105,896
Arcadis U.S., Inc.	Environmental	H.009932	US 80 Widening: Vancil Road to Well Road Environmental Assessment	\$5,343

Arcadis U.S., Inc.	Traffic	H.003370	I-220/I-20 Interchange IMP & BAFP Access Design Build	\$15,000
Arcadis U.S., Inc.	Traffic	H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$273,604
Arcadis U.S., Inc.	Bridge	H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$503,079
Arcadis U.S., Inc.	ITS	H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12	\$105,911
Arcadis U.S., Inc.	Traffic	H.005121	LA 1/LA 415 Connector	\$105,842
Arcadis U.S., Inc.	Traffic	H.972419.1	SHSP Update and Regional SHSP Marketing/Advertising Support	\$6,957
Arcadis U.S., Inc.	Road	H.012901.6, H.010634.6	US 90Z (Bodenger Blvd. – Stumpf Blvd.)	\$339,654
Arcadis U.S., Inc.	Traffic	H.012018.6	Adaptive Traffic Signal Design and Implementation	\$31,594
Arcadis U.S., Inc.	Traffic	H.014305.1	US 61: Cardinal Drive to Bert Street	\$22,179
Arcadis U.S., Inc.	Traffic	H.013797	LA 30: EBR PL – I-10	\$459,160
Arcadis U.S., Inc.	Bridge	H.000413	Cross Bayou Bridge Replacement	\$169,582
Arcadis U.S., Inc.	Traffic	H.000413	Cross Bayou Bridge Replacement	\$141,425
Arcadis U.S., Inc.	Environmental	H.012891	LA 300 at Bayou LaLoutre	\$7,151
Arcadis U.S., Inc.	Environmental	H.014215	LA 20 at 40 Arpent Canal and Drainage Canals	\$18,212
Arcadis U.S., Inc.	Environmental	H.014213	LA 700 at Indian Bayou and Bayou Grand Marais	\$12,483
Arcadis U.S., Inc.	Environmental	H.014279	LA 35: Drain Canal Near Lawtell	\$13,836
Arcadis U.S., Inc.	Environmental	H.014278	LA 85: Patout and Drain Canal Bridges	\$18,058
Arcadis U.S., Inc.	Environmental	H.014276	LA 975: Creek Bridges	\$8,204
Arcadis U.S., Inc.	Environmental	H.014216	LA 682 at Norris Canal and Unnamed Tributaries	\$30,314
Arcadis U.S., Inc.	Environmental	H.014241	LA 10 at Mill Creek	\$11,465
Arcadis U.S., Inc.	Environmental	H.014251	LA 422: Bridge Over Unnamed Stream	\$14,828
Arcadis U.S., Inc.	Environmental	H.012565	LA 963 at Redwood Creek and Little Redwood Creek	\$7,192
Arcadis U.S., Inc.	Environmental	H.014257	LA 68 at Kars Creek	\$27,629
Arcadis U.S., Inc.	Environmental	H.014253	LA 421 at Thom Creek	\$6,031
Arcadis U.S., Inc.	Environmental	H.014256	LA 952 at McKowen Creek and Beaver Creek	\$32,217
Arcadis U.S., Inc.	Environmental	H.014254	LA 955 at Knighton Bayou, Trib. Olive Branch, White Branch, and Chapman Branch	\$18,268
Arcadis U.S., Inc.	Environmental	H.012061	LA 1 at Lateral W15#7A and Bayou Moreau	\$7,827
Arcadis U.S., Inc.	Environmental	H.014252	LA 1054 at Tyner Creek	\$6,057

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Franklin Associates, LLC	Planning Other	H.003915	I-49 Inner City Connector, Stage 1 Environmental Assessment Project (Providence is Prime)	\$92,487
Franklin Associates, LLC	Planning	H.004100.5	I-10 CMAR RCP Plans (Huval is Prime)	\$34,504

	Other			
Franklin Associates, LLC	Planning Other	H.013284	MRB South GBR: LA 1 to LA 30 (Atlas is Prime)	\$432,064
Franklin Associates, LCC	Planning Other	H.004791	Belle Chasse Bridge & Tunnel (Plenary is Prime)	\$1,144,658

(Add rows as needed)

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
C. Mark Gremillion, LLC	N/A	N/A	N/A	N/A

DO NOT SUM

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Urban Systems, Inc.	Traffic	H.011309.5	Mac Arthur Final Design	\$30,687
Urban Systems, Inc.	Traffic	H.012812	US 190: Northshore and Camp Villere	\$5,507

(Add rows as needed)

DO NOT SUM

* 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. If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

** Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

20. Certifications/Licenses:

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

Copies of the Providence team's licenses can be found following this page.



grants the designation
Professional Wetland Scientist
For
Paul Clifton

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Program, Inc. and verified by the Society's Certification Review Panel on 1/9/2021.
Professional Wetland Scientist number 3326. Due to recertify by 1/9/2026.



Kimberly J. Ponzio
Kimberly J. Ponzio, PWS
President

Robert D. Shannon
Robert D. Shannon, Ph.D., PWS
Review Panel Chair



**Stephanie
Perrault M.A.-
Anthropology
RPA (Founding)**



The Register
of Professional
Archaeologists

Registrant ID: 33714583
Renewal date: 1 Jan 2023

Prime consultant name: **Providence Engineering and Environmental Group LLC**





grants the designation

Professional Wetland Scientist

For

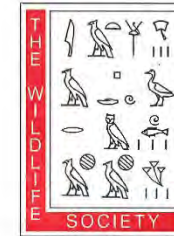
Taylor Simoneaux

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Program, Inc. and verified by the Society's Certification Review Panel on 12/30/2020.
Professional Wetland Scientist number 3321. Due to recertify by 12/30/2025.



Kimberly J. Parsons
Kimberly J. Parsons, PWS
President

Robert D. Shannon
Robert D. Shannon, Ph.D., PWS
Review Panel Chair



The Wildlife Society

INCORPORATED IN WASHINGTON, D.C.

grants the designation

Certified Wildlife Biologist

for

Taylor Nelson Simoneaux

In recognition of fulfillment of all the professional requirements approved by The Wildlife Society and accepted by the Society's Certification Review Board. This designation is valid for 5 years, beginning the first day of October 2019, provided membership in the Society remains in good standing.



Gary C. White
President, The Wildlife Society

Helen C. Williams
Chair, Certification Review Board

Ed R.
Executive Director, The Wildlife Society

Richard Chinn Environmental Training, Inc.

certifies that

Taylor Simoneaux

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

Issued Certificate No. 8010 and 3.8 CEU's, September 19 - 22, 2016, in Baton Rouge, Louisiana

This course is pre-approved by the Society of Wetland Scientists Professional Certification Program to provide 2.5 Training Credits and/or credits.

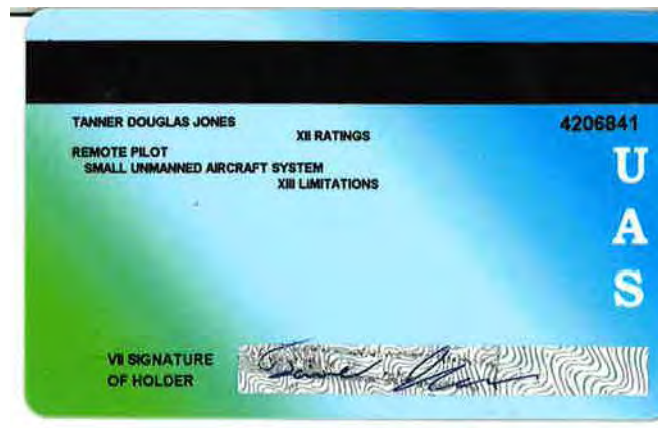
Richard Chinn
Richard Chinn, PWS, CET

Richard Chinn Environmental Training, Inc.
804 Cottage Hill Way, Brandon, FL 33511-8098

813.655.7549 • FAX: 813.354.4639 • info@richchinn.com • <http://www.richchinn.com>

This training has been listed as part of the U.S. Army Corps of Engineers Wetland Delineation Training Program. CEU's are provided for in the training materials. Designated as a provider of the National Wetland Certification Program.





Richard Chinn Environmental Training, Inc.

certifies that

Tanner Jones

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

issued Certificate No. 8220 and 3.6 CEUs, September 18 - 21, 2017, in Baton Rouge, Louisiana

This course is pre-approved by the Society of Wetland Scientists Professional Certification Program to provide 2.5 Training Credits and/or points.

Richard Chinn, PWS

Richard Chinn Environmental Training, Inc.

804 Cottage Hill Way, Brandon, FL 33511-8098

813.655.7549 • FAX: 813.354.4659 • info@richardchinn.com • <http://www.richardchinn.com>

This training has been listed as part of the U.S. Army Corps of Engineers Wetland Delineation Training Manual, Technical Report 9-87 (1987 manual), as permitted for use in training materials developed in cooperation with section 106(d) of the Water Resources Development Act of 1986 for the Wetland Delineation Certification Program.



Prime consultant name: **Providence Engineering and Environmental Group LLC**





***Society of Wetland Scientists
Professional Certification Program, Inc***

renews the designation

Professional Wetland Scientist

For

Jason E. Morrell

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Renewal Program, and verified by the Society's Certification Renewal Review Panel.
Professional Wetland Scientist Number 2319 issued on 4/1/2013 and recertified on 2/10/2018.
Due to recertify again by 4/1/2023.



Ben LePage
Ben LePage, PWS
President

Pat Frost
Pat Frost, PWS
Certification Renewal Chair



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

Mr. Jose Luis Rodriguez

License/Certificate Type - Number

PE.0030492

Expiration Date


03/31/2023

Status: **Active**

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

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

Mr. Ari J. Deitch
1221 Kimbro Drive
Baton Rouge, Louisiana 70808

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Ari J. Deitch		
License/Certificate Type - Number	Expiration Date	
PE.0041842	03/31/2024	
Status: Active		

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

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



Transportation Professional Certification Board, Inc.

certifies that

Ariel Jacob Deitch

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

Professional Transportation Planner

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

Certificate number 690 issued in Washington, DC, USA

07/17/2019

Diane W. Morabito
Diane Morabito
Chair



Jeffrey F. Paniati
Jeffrey F. Paniati
Executive Director

Transportation Professional Certification Board, Inc.

certifies that

Ari Jacob Deitch

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

Road Safety Professional

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

Certificate number 37 issued in Washington, DC, USA

12/21/2018

Diane W. Morabito
Diane W. Morabito
Chair



**ROAD SAFETY
PROFESSIONAL**

Jeffrey F. Paniati
Jeffrey F. Paniati
Executive Director

Certificate of Completion

presented to

Ari Deitch

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 2

Poly Colone
Authorized Instructor

Ari Deitch
Authorized Instructor

P. L. P. P.
Authorized instructor



Certificate of Completion

presented to

Ari Deitch

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 3

Poly Colone
Authorized Instructor

Ari Deitch
Authorized Instructor

P. L. P. P.
Authorized instructor



Certificate of Completion

presented to

Ari Deitch

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3

Poly Colone
Authorized Instructor

Ari Deitch
Authorized Instructor

P. L. P. P.
Authorized instructor





OFFICIAL DOCUMENT

READ THE FOLLOWING INFORMATION CAREFULLY CONCERNING YOUR LICENSE:
1. SIGN THE WALLET CARD AND CERTIFICATE WHERE INDICATED.
2. DETACH THE WALLET CARD AND CERTIFICATE AT PERFORATION.

Pennsylvania Licensing System (PALS)

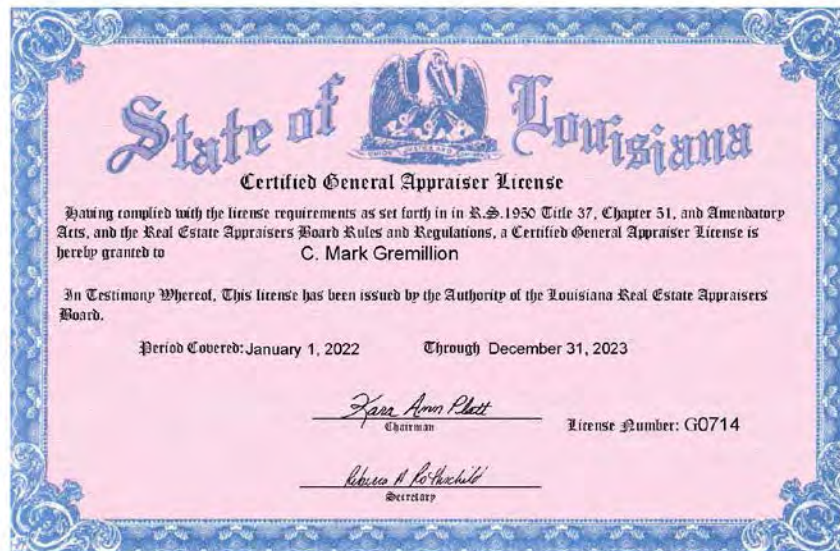
LUIS JAMES VELASQUEZ
504 ANDES LN
CANTON GA 30114

Visit our website at: www.pals.pa.gov to
renew your license, change your personal or
license address, or order duplicate licenses.



0714

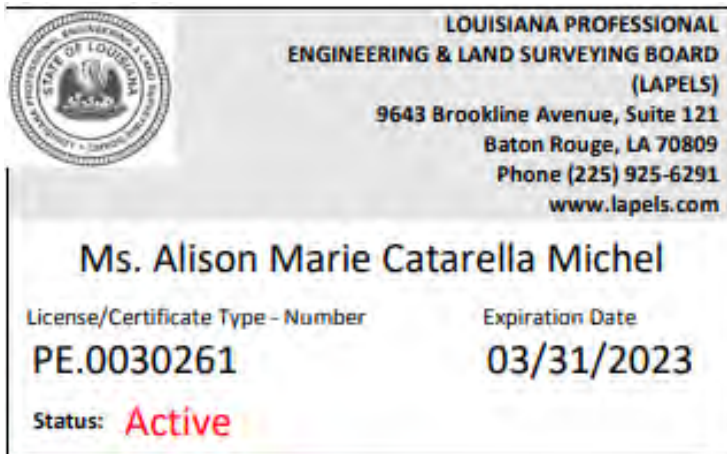
APR-CGA



Prime consultant name: **Providence Engineering and Environmental Group LLC**



Alison Catarella Michel, P.E., PTOE, PTP, RSP1



TRANSPORTATION PROFESSIONAL CERTIFICATION BOARD INC.™

Ms. Alison Catarella Michel, P.E., PTOE, F ITE

Transportation Engineer
Urban Systems, Inc.
Business Address (Preferred Mailing Address)
400 N. Peters, Suite 206D
New Orleans, LA 70130
USA
T: (504) 523-5511 F: (504) 523-5522
E-Mail: acmichel@urbansystems.com

New Search

Refine Search

Transportation Professional Certification Board Inc.
1627 Eye Street, NW, Suite 600, Washington, DC 20006 USA
Telephone: +1 202-785-0060 | Fax: +1 202-785-0609
E-mail: certification@ite.org
©2008 Transportation Professional Certification Board Inc.

PTOE 1023

Exp. Date 11/06/2023

Transportation Professional Cei

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel:

Ms. Alison Catarella Michel, P.E., PTOE, PTP, RSP1
Urban Systems, Inc.

Thank you for renewing your certification as a Professional Traffic Operations Engineer** (PTOE).
As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations E

Your certification is renewed through 11/6/2023.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration c

At the end of the three-year period, your certification will be renewed without examination provi

Transportation Professional Certification Board, Inc.

certifies that

Alison Marie Catarella Michel

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

11/20/17

Michael E. Park
Chair



Jeffrey F. Ramo
Executive Director

PTP 626

Exp. Date 11/20/2023

Transportation Professional Certification Board, Inc.

certifies that

Alison Catarella Michel

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

Road Safety Professional

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 113 issued in Washington, D.C., U.S.A.

12/21/2018

Diana M. Parada
Chair



Jeffrey F. Ramo
Executive Director

RSP 113

Exp. Date 12/21/2024



National Highway Institute



Certificate of Training

Alison Michel

has participated in

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

hosted by

LA DOTD/LTRC

Date: May 28-30, 2014

Hours of Instruction: 18

Location: Baton Rouge, LA

Instructor:

Instructor:

Local Coordinator:

Richard Burnaby, Director
National Highway Institute

Certificate of Completion

presented to

Alison Catarella-Michel

for completing the

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

Date: June 11, 2018
Location: Baton Rouge, Louisiana

Professional Development:
Hours (PDH): Awarded: 3

Authorized Instructor:

Authorized Instructor:

Authorized Instructor:



Certificate of Completion

presented to

Alison Catarella-Michel

for completing the

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

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

Professional Development:
Hours (PDH): Awarded: 3

Authorized Instructor:

Authorized Instructor:

Authorized Instructor:



Certificate of Completion

presented to

Alison Catarella-Michel

for completing the

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

Date: September 10, 2018
Location: Baton Rouge, Louisiana

Professional Development:
Hours (PDH): Awarded: 3

Authorized Instructor:

Authorized Instructor:

Authorized Instructor:



Christine M. Darrah, P.E.



PROOF OF CERTIFICATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Christine Darrah

THIS INDIVIDUAL IS CERTIFIED BY ATSSA AS A

Louisiana Traffic Control Supervisor

This certified individual has demonstrated a thorough knowledge of the techniques, guidelines and practices of traffic control in highway construction and maintenance work areas, has completed all the requirements of the American Traffic Safety Services Association Certification Program to the satisfaction of the Certification Board, and is hereby awarded the above designation. This certified individual is fully entitled to all the rights and privileges associated with this designation. This certificate will remain in effect until the expiration date noted herein unless otherwise revoked by action of the Certification Board.

Dan M. Clark

ISSUE DATE: 4/30/2021
EXPIRATION DATE: 4/30/2025
CERTIFICATION#: 872195

Longest



American Traffic Safety Services Association
ATSSA.com



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

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

Mrs. Christine Mire Darrah

License/Certificate Type - Number

PE.0028528

Expiration Date

09/30/2023

Status: **Active**

CERTIFICATE

Louisiana Urban Stormwater Coalition

hereby recognizes that

Christine Darrah

has completed the LUSC Training

Design, Construction & Maintenance of Green Infrastructure

(8 hours of Classroom Instruction)

and is now a Water Wise NOLA certified Green Infrastructure Professional 1

06/19/2015
Date

Dana Hines
Instructor

LOUISIANA
URBAN STORMWATER COALITION





Matthew H. Morgan



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

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

Mr. Matthew Hansen Morgan

License/Certificate Type - Number

EI.0033492

Expiration Date

03/31/2024

Status: **Active**

Louisiana Professional Engineering and Land Surveying Board

Hereby Certifies that
Mr. Matthew Hansen Morgan
has satisfied the applicable requirements and is therefore licensed as a
Professional Engineer
and hereby entitled to practice engineering in the State of Louisiana.



Baton Rouge, Louisiana August 11, 2022

Chris Rehal
Edgar Bont

License Number **PE.0047060**

Certificate of Training

this certifies that

Matthew M. Morgan

has successfully completed the training
program requirements for

National Flagger Certification Training Course



Awarded on this 23rd day of August 2022

This certificate is valid for 30 days from the date awarded.

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

Date: February 23, 2019 Professional Development: 1 Hour (PDH) Awarded: 1
Location: Bridge City, Louisiana

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

DOTD
Louisiana Department of Transportation
TRANSPORTATION

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

Date: February 25, 2019 Professional Development: 1 Hour (PDH) Awarded: 1
Location: Bridge City, Louisiana

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

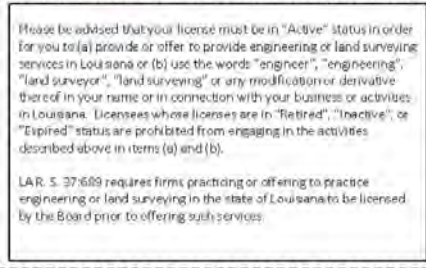
DOTD
Louisiana Department of Transportation
TRANSPORTATION

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

Date: February 26, 2019 Professional Development: 1 Hour (PDH) Awarded: 1
Location: Bridge City, Louisiana

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

DOTD
Louisiana Department of Transportation
TRANSPORTATION



PTOE 2923 - 8/2023



Certificate of Completion

presented to

Nicole Stewart

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: January 14, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDH): Awarded: 2


Assistant Instructor


Assistant Instructor


Assistant Instructor



Certificate of Completion

presented to

Nicole Stewart

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: January 15, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDH): Awarded: 3


Assistant Instructor


Assistant Instructor


Assistant Instructor



Certificate of Completion

presented to

Nicole Stewart

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: January 14, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDH): Awarded: 3


Assistant Instructor


Assistant Instructor


Assistant Instructor





**Professional Engineers
Ontario**

L i c e n c e

Issued under the Professional Engineers Act to

Fadi Madi

Licence Number: 100174071

who is hereby entitled to practise as a

P r o f e s s i o n a l E n g i n e e r

in the Province of Ontario and who is registered as a member of
the Association of Professional Engineers of Ontario

Given under the Corporate Seal of the Association at the
City of Toronto this:

11th day of November, 2016

George R. Comrie, P.Eng.

President

George R. Comrie, P.Eng.

Registrar

Association of Professional Engineers Ontario. This certificate is the property of the
Association and must be surrendered on revocation, cancellation, suspension or resignation.



Certificate of Training

this certifies that

Fadi Madi

has successfully completed the training
program requirements for

National Flagger Certification Training Course



Awarded on this 18th day of August 2022

This certificate is valid for 30 days from the date awarded.

Certificate of Completion

presented to

Fadi Madi

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: October 7, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDH): Awarded 3.5

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor



Certificate of Completion

presented to

Fadi Madi

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 8, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDH): Awarded 3.5

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor



Certificate of Completion

presented to

Fadi Madi

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: October 7, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDH): Awarded 3.5

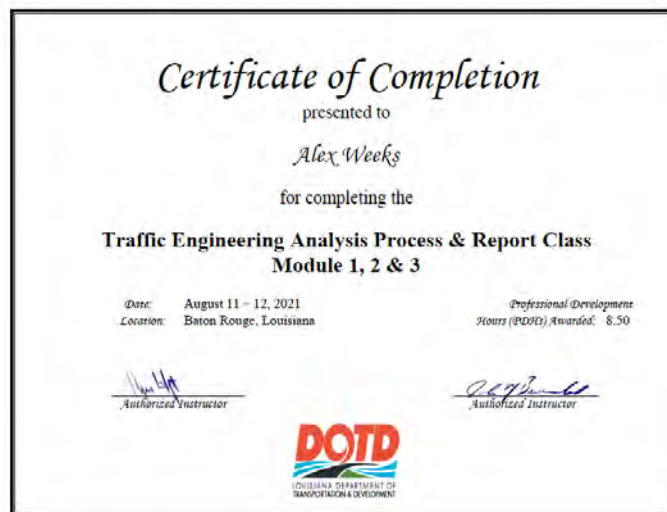
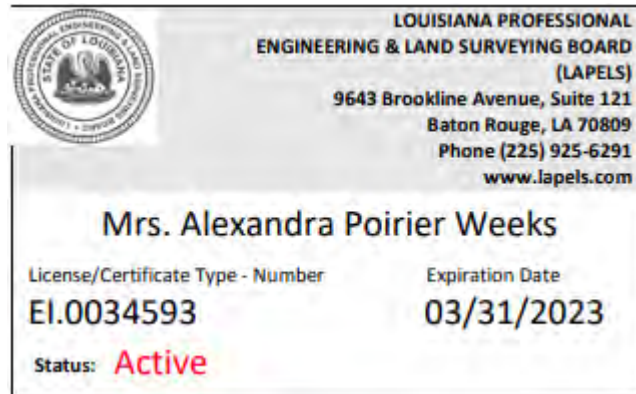
[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor



Alexandra P. Weeks, E.I.



21. QA/QC Plan and/or Work Plan:

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.

The selected consultant must submit their QA/QC plan to the DOTD PM within 10 business days of the award notification to the consultant.

22. Sub-consultant information:

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

Firm Name (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, PTOE, PMP, PTP Akhil.chauhan@arcadis.com	(504) 232-9820
Franklin Associates, LLC	250 S Foster Dr. Baton Rouge, LA 70806	Perry Franklin perry@franklinassociates.com	(225) 768-9060
C. Mark Gremillion, LLC	P.O. Box 51523 Lafayette, LA 70505	Mark Gremillion mark@lafayetteappraisers.net	(337) 237-7114
Urban Systems, Inc.	2000 Tulane Ave. Suite 200 New Orleans, LA	Alison Michel acmichel@urbansystems.com	(504) 569-3958

(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.

N/A