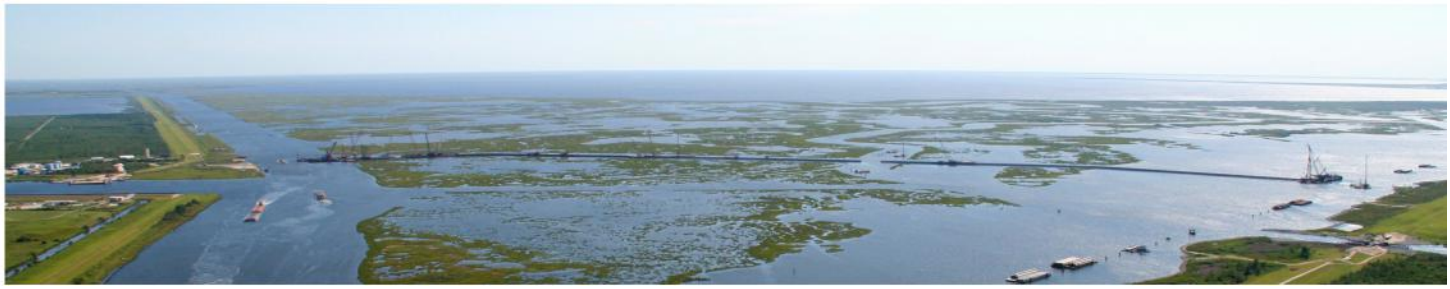


Louisiana Department of Transportation & Development

IDIQ Contracts for Geotechnical Services Statewide

Contract Nos. 4400032793, 4400032794, 4400032795, 4400032796, 4400032797, and 4400032798

August 14, 2025

Submitted by:

Ardaman & Associates, Inc.

BATON ROUGE
316 Highlandia Drive
Baton Rouge, LA 70810
225.752.4790

NEW ORLEANS
101 Teal Street
St. Rose, LA 70087
504.835.2593

SHREVEPORT
7222 Greenwood Road
Shreveport, LA 71119
318.636.3673

Ardaman
& Associates, Inc.

August 14, 2025

Department of Transportation and Development
1201 Capitol Access Road, Section 80
Baton Rouge, LA 70802-4438
Telephone: 225-379-1469

Attn: Ms. Paulette Territo
Consultant Contract Services Administrator

Re: Request for Qualifications Statement for
IDIQ Contracts for Geotechnical Services Statewide
Contract Nos. 4400032793, 4400032794, 4400032795, 4400032796, 4400032797, and 4400032798
Due 3:00 p.m., August 14, 2025

Dear Ms. Territo:

We are pleased to submit our Statement of Qualifications (1 electronic) as requested on form DOTD 24-102 for the above referenced advertisement. The attached presents our qualifications for the proposed IDIQ Contract including relevant project experience and personnel experience related to our expertise in the geotechnical field. In Section 20 of the form 24-102, you will find Ardaman's LAPEL's firm license, SAM registration, Ardaman's Baton Rouge Laboratory certifications, and individual work zone training certificates as required per the advertisement.

Ardaman has included the services of Traffic Control Products of LA, Inc. as a subconsultant for traffic safety control and has included their information in the attached form 24-102.

I would be pleased to discuss any questions you may have concerning this submittal. We appreciate the opportunity to submit this statement of qualifications and look forward to serving The Department.

Sincerely,

ARDAMAN & ASSOCIATES, INC.

ROBERT E. JEWELL, P.E.
VICE PRESIDENT/BRANCH MANAGER

Attachment: 1 Electronic DOTD Form 24-102

DOTD FORM: 24-102

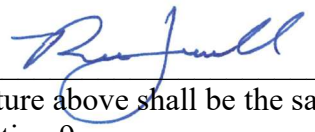
(Revised December 12, 2024)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract Name as shown in the advertisement	IDIQ Contracts for Geotechnical Services Statewide
2. Contract Number(s) as shown in the advertisement	4400032793 4400032794 4400032795 4400032796 4400032797 4400032798
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name **(name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)**	**Ardaman & Associates, Inc.**
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.1680
6. Prime consultant mailing address	P.O. Box 83710 Baton Rouge, LA 70884-3710
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	316 Highlandia Drive, Baton Rouge, LA 70810
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Robert Jewell, P.E., Project Engineer / Branch Manager P. (225) 752-4790 | E. rjewell@ardaman.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Robert Jewell, PE, Project Engineer / Branch Manager P. (225) 752-4790 | E. rjewell@ardaman.com

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.**	 Signature above shall be the same person listed in Section 9: August 14, 2025 Date:

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): Traffic Control Products Company of Louisiana, Incorporated	Firm(s)' %: 3

12. Discipline Table:

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

The **only** disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

Discipline(s)	% of Overall Contract	**Prime: Ardaman & Associates, Inc.**	Firm B: **Traffic Control Products Company of Louisiana, Incorporated**	Firm C	Firm D	Firm E	Each Discipline must total to 100%
Geotech	91%	100%	0%				**100%**
CE&I/OV	4%	100%	0%				**100%**
Survey	2%	100%	0%				**100%**
Traffic	3%	0%	100%				**100%**
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	**100%**	97%	3%				100%

13. Firm Size:

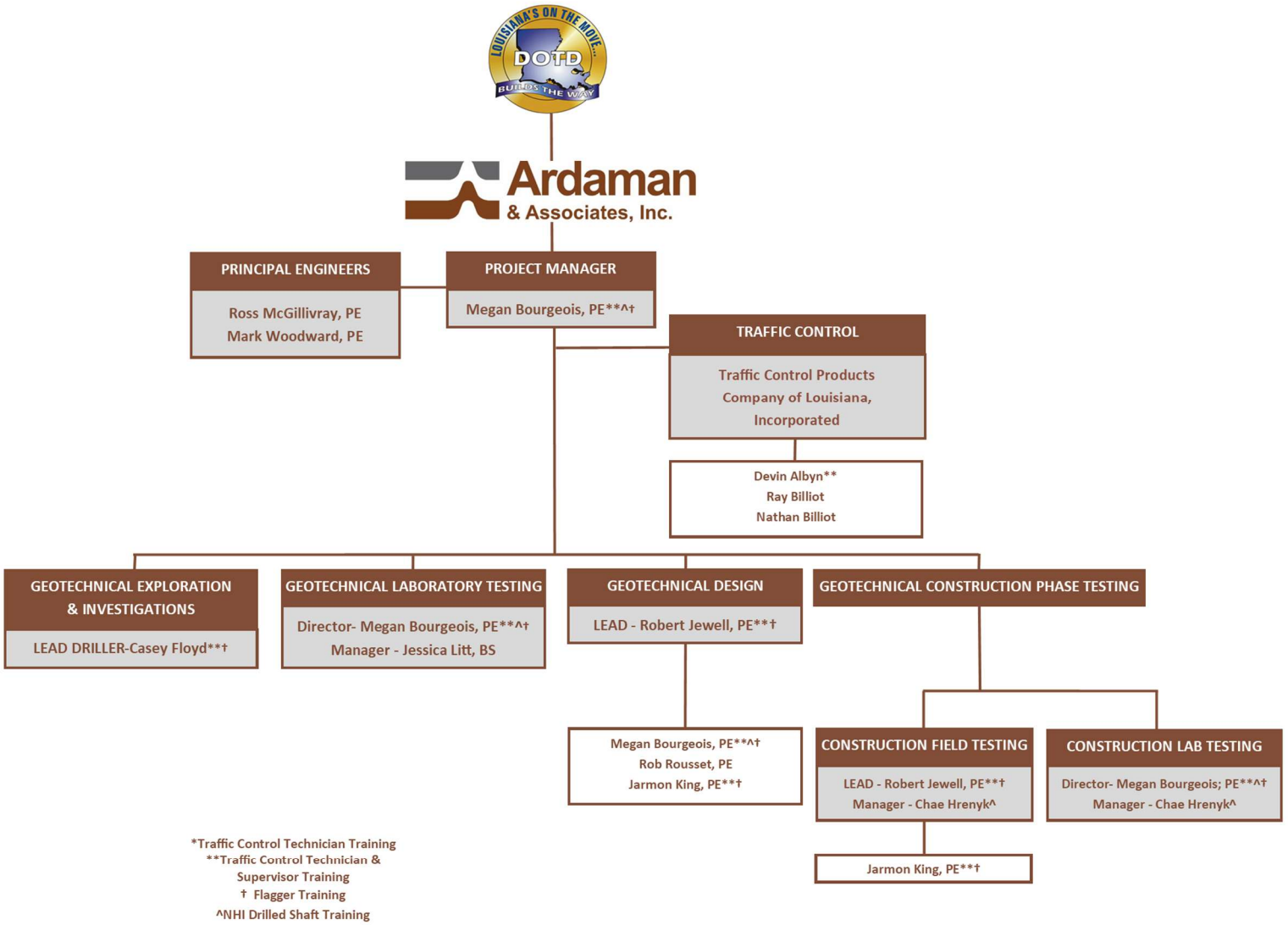
For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (must specify)" 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)
Ardaman & Associates, Inc.	Administrative	1	1
Ardaman & Associates, Inc.	CADD Technician	2	2
Ardaman & Associates, Inc.	Clerical	1	2
Ardaman & Associates, Inc.	Engineer	1	6
Ardaman & Associates, Inc.	Engineer Intern	3	6
Ardaman & Associates, Inc.	Principal	2	3
Ardaman & Associates, Inc.	Senior Technician	8	9
Ardaman & Associates, Inc.	Supervisor - Eng	3	3
Ardaman & Associates, Inc.	Supervisor - Other	3	4
Ardaman & Associates, Inc.	Technician	11	15
Traffic Control Products Company Of Louisiana, Incorporated	Principal	2	2
Traffic Control Products Company Of Louisiana, Incorporated	Supervisor – Other	3	3
Traffic Control Products Company Of Louisiana, Incorporated	Supervisor - Eng	10	20
Traffic Control Products Company Of Louisiana, Incorporated	Technician	20	40

14. Organizational Chart:



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. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that 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 and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Megan Bourgeois, P.E.	**Ardaman & Associates, Inc.**	PE.0036725 - Civil	LA	03/31/2026
2	Megan Bourgeois, P.E.	**Ardaman & Associates, Inc.**	PE.0036725 – Civil	LA	03/31/2026
3	Megan Bourgeois, P.E.	**Ardaman & Associates, Inc.**	PE.0036725 – Civil	LA	03/31/2026
4	Megan Bourgeois, P.E.	**Ardaman & Associates, Inc.**	PE.0036725 - Civil	LA	03/31/2026
5	Robert Jewell, P.E.	**Ardaman & Associates, Inc.**	PE.0038579 - Civil	LA	09/30/2026
6	Jessica Litt	**Ardaman & Associates, Inc.**	NICET Cert. #141243 Geotechnical-Laboratory Level 1	N/A	10/01/2027
7	Casey Floyd	**Ardaman & Associates, Inc.**	Water Well Driller #212	LA	06/30/2026

16. Staff Experience:

Firm employed by	**Ardaman & Associates, Inc.**		
Name	**Megan Bourgeois, P.E.**	Years of relevant experience with this employer	19
Title	PROJECT ENGINEER / ASSISTANT BRANCH MANAGER	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 2006 / Civil Engineering Traffic Control Supervisor / LA / 6-21-2028 DOTD Flagger / LA / 8-14-2028 Certified NHI Drilled Shaft Inspector	
Active registration number / state / expiration date		0036725 / LA / 03-31-2026	
Year registered	2011	Discipline	Civil
Contract role(s) / brief description of responsibilities		**Project Manager**	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	***Ms. Bourgeois** has more than 19 years of experience with design and analyses of countless types of foundations including shallow, embankment settlement analysis, deep foundations (pile and drilled shafts), LRFD design, FHWA & GEC design, slope stability (embankment and excavation) and earth retaining structures. She also has extensive experience with geotechnical instrumentation, installation and monitoring, and construction phase testing and laboratory management. She has served as Ardaman's project manager for many LADOTD projects for bridges and roadways throughout Louisiana and completed numerous geotechnical investigations, engineering, and reporting in accordance with LADOTD standards. She has successfully overseen several major contracts for LADOTD and other clients. Ms. Bourgeois also serves as the director of our geotechnical engineering and CMT laboratories in Baton Rouge and has overseen the laboratory testing programs in accordance with LADOTD standards. In this role, she supervises the laboratory managers, oversees testing, provides guidance to laboratory staff, and ensures appropriate protocol is followed and deadlines are met in addition to providing training material and maintaining all laboratory certifications, including AMRL, CCRL, DEQ & USACE.*		
07/23-Ongoing	**SP NO. H.013284 / MRB SOUTH GBRL: LA 1 TO LA 30 CONNECTOR: West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, LA.** *Project Engineer.* The project consists of an Enhanced Planning investigation into S.P. No. H.013284, MRB South GBR: LA 1 to LA 30 Connector, with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings from three proposed alignments. Ms. Bourgeois helped oversee supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile all the soil borings and ECPT. The preliminary engineering analyses included caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations.		
07/21-01/22	**SP NO. H.003931 / I-10 CALCASIEU RIVER BRIDGE: Calcasieu Parish, LA.** *Project Manager.* Managed all aspects of this project pertaining to coordination of fieldwork including 37 deep soil borings, 39 ECPTs and 13 geophysical survey transects. A majority of the soil borings were completed from a barge over deep water, some from a marsh buggy over shallow water and thick marsh grass. Ms. Bourgeois also managed and oversaw the laboratory testing program and processing and analyzing of the ECPT and ER data. She also assisted with development of a geotechnical database and preparation and submittal of a geotechnical data report. This project consisted of obtaining geotechnical data under a strict deadline to be used in the design of a replacement of the existing I-10 Calcasieu River Bridge with a new structure and improvements to various other interchanges.		

04/21-Ongoing	**SP NOs. 700-29-0112, 700-29-0130, H.012565, H.012891, H.014251, H.014252, H.014253, H.014254, H.014256, H.014257 / RURAL BRIDGE INITIATIVE PHASE II: West Feliciana, East Feliciana, Livingston, St. Bernard Parishes, LA.** *Project Engineer.* This project consists of the replacement of multiple small two-lane bridges throughout rural areas of Southeast Louisiana which generally ranged in length from 100 to 400 feet, over various size rivers and creeks. Ms. Bourgeois leads technical reviews pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses, construction testing program recommendations, and report preparation in accordance with LADOTD guidelines.
02/20-Ongoing	**SP NO. H.004791 / DESIGN SUPPORT SERVICES LA 23, BELLE CHASSE BRIDGE & TUNNEL: Plaquemine Parish, LA.** *Project Engineer/Laboratory Director.* Ardaman's scope consists of review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFI's for the P3 Project consisting of replacing the Belle Chasse bridge and tunnel. In addition, Ardaman performs acceptance verification sampling and testing during the construction for soils and concrete. Ms. Bourgeois assisted in review and acceptance of geotechnical services as well as quality control and review of all acceptance verification sampling and testing during construction.
10/15- Ongoing	**SP NO. H.013579 / PECUE LANE I-10 INTERCHANGE: East Baton Rouge Parish, LA.** *Project Manager*. This project consists of twin bridges with MSE wall abutments for both bridges crossing Interstate I-10, a bridge crossing Ward's Creek, and on/off-ramps in south Baton Rouge. Ms. Bourgeois managed all aspects of the project that included field investigations, laboratory testing, and engineering design. Ms. Bourgeois performed analyses including settlement estimates with recommendations for monitoring, driven pile design including down drag considerations, MSE Wall design, slope stability and pavement section recommendations; all completed according to DOTD standards. She is currently assisting with the field construction monitoring.
2014-2015	**SP NO. H.010600.5 / IATT AND NANTACHIE LAKE DAMS EVALUATION & REMEDIATION: Grant Parish, LA.** *Project Manager*. Served as project manager for the project that included a geotechnical engineering evaluation of the earthen dams for two lakes in Grant Parish for slope stability issues. The study included initial site reconnaissance, review of available design, construction, inspection and repair documents, collection of additional field and laboratory data and engineering analyses to develop recommendations for repairs and long-term geotechnical performance monitoring.
10/09 - Ongoing	**SP NO. H.004646.5 / I-20 MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS.** *Project Manager*. Ms. Bourgeois manages this multi-million-dollar, highly technical project consisting of investigating movement of the I-20 Bridge in Vicksburg, MS. She managed a highly technical team including academia, experts, including internationally recognized geotechnical engineers, geohydrologists, instrumentation specialists, and 3-D geotechnical modeling experts. She managed and personally oversaw a comprehensive laboratory testing program and was involved in refining the geotechnical site characterization for the bank/bluff where there was evidence of shifting creating movement in the bridge structure. The specialized testing, she personally performed or managed included x-ray diffraction, x-ray scanning to identify existing shearing planes and stress-reversal direct shear tests to determine true residual angles of critical strata. She was instrumental in designing the geotechnical instrumentation program for this project including vibrating wire piezometers, Casagrande type piezometers, SAA inclinometers, and traditional inclinometers. In addition, Ms. Bourgeois performed seepage and drawdown analyses, slope stability analyses, evaluation of remedial measures including design and evaluation of large foundation structures and developed technically feasible solutions to mitigate ground movement. She co-authored the geotechnical analysis and design report. She is currently overseeing the comprehensive monitoring program.
05/06-12/11	**SP NOs. 700-29-0112 & 700-29-0130 / LA 1 – PHASES 1 & 2: Lafourche Parish, LA.** *Assistant Project Engineer***.** This project is the second phase of the 17-mile elevated highway spanning from Golden Meadow to Fourchon. Ms. Bourgeois directed the laboratory testing program to ensure strict adherence to LADOTD standards and managed the drilling operations which included deep borings and CPT soundings in the coastal marshes via airboat-mounted equipment. She oversaw the completion of over 70 soil boring logs and evaluated and presented approximately 300 CPT sounding logs for use in design of pile foundations.

16. Staff Experience

Firm employed by	**Ardaman & Associates, Inc.**			
Name	**Robert Jewell, P.E.**		Years of relevant experience with this employer	18
Title	PROJECT ENGINEER / BRANCH MANAGER		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B.S. / 2009 / Civil Engineering	
Active registration number / state / expiration date			38579 / LA / 09-30-2026 Traffic Control Supervisor / LA / 08-23-2028 DOTD Flagger / LA / 07-31-2029	
Year registered	2013	Discipline	Civil	
Contract role(s) / brief description of responsibilities			**Project Engineer**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Jewell *serves as the manager of our Baton Rouge office and has over 15 years of experience with design and analyses of countless types of foundations including shallow, embankment settlement analysis, deep foundations (pile and drilled shafts), LRFD design, FHWA & GEC design, slope stability (embankment and excavation) and earth retaining structures. He has managed and coordinated many geotechnical field investigations, including shallow and deep borings, CPT soundings, and performed analyses and prepares design recommendation reports for LADOTD projects. Mr. Jewell has extensive experience in construction phase testing and oversight including dynamic and static testing, pile integrity testing, cross hole sonic logging, settlement monitoring, and geotechnical instrumentation. In particular, he has over 15 years of experience performing, analyzing, and reporting for PDA testing.*
07/23-Ongoing	**SP NO. H.013284 / MRB SOUTH GBRL: LA 1 TO LA 30 CONNECTOR: West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, LA.** *Project Manager.* The project consists of an Enhanced Planning investigation into S.P. No. H.013284, MRB South GBR: LA 1 to LA 30 Connector, with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings from three proposed alignments. Mr. Jewell managed supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile all the soil borings and ECPT. He helped oversee the preliminary engineering analyses which included caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations. A data report and preliminary geotechnical assessment report were submitted.
07/21-Ongoing	**SP NO. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 & I-12 (CMAR): Baton Rouge Parish, LA.** *Project Manager.* The project consists of a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles. Mr. Jewell currently oversee all aspects of engineering analyses pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. Mr. Jewell helped develop the Geotechnical Data reports, memorandums and Design reports for this project.
04/21-Ongoing	**SP NOs. 700-29-0112, 700-29-0130, H.012565, H.012891, H.014251, H.014252, H.014253, H.014254, H.014256, H.014257 / RURAL BRIDGE INITIATIVE PHASE II: West Feliciana, East Feliciana, Livingston, St. Bernard Parishes, LA.** *Project Manager.* The project consists of the replacement of multiple small two-lane bridges throughout rural areas of Southeast Louisiana which generally ranged in length from 100 to 400 feet, mainly over small rivers, and creeks. Mr. Jewell oversees all aspects of engineering analyses pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses and construction testing program recommendations.

10/18-11/21	**SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA.** *Project Manager.* This was a Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and constructing an interchange and access road from Interstate 20 in Bossier City, Louisiana. Mr. Jewell managed and oversaw the preparation of the preliminary design and planning report. Mr. Jewell also oversaw the field construction services consisting of PDA monitoring, bi-directional load cell load tests, and settlement monitoring. The PDA program consisted of monitoring PPC piles during initial drive and restrikes to allow for evaluation of setup and early acceptance of pile resistances.
10/15-Ongoing	**SP NO. H.013579 / PECUE LANE I-10 INTERCHANGE: East Baton Rouge Parish, LA.** *Project Engineer*. This project consists of twin bridges with MSE wall abutments for both bridges crossing Interstate I-10, a bridge crossing Ward's Creek, and on/off-ramps in south Baton Rouge. Mr. Jewell helped perform analyses including settlement estimates with recommendations for monitoring, driven pile and drilled shaft design including down drag considerations, MSE Wall design, slope stability and pavement section recommendations; all completed according to DOTD standards. Mr. Jewell is currently overseeing the construction phase which includes PDA monitoring, static load testing, and settlement monitoring.
07/15-Ongoing	**SP NO. H.004273.5 / I-49 CONNECTOR (LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE): Lafayette Parish, LA.** *Project Manager.* The project consists of construction of 5 miles of freeway consisting of a 3.5-mile elevated structure from I-10 to the Airport in Lafayette, LA. Mr. Jewell oversaw the completion of the Phase I geotechnical investigation, which included 116 deep and shallow soil boring, and 15 CPT soundings, and laboratory testing program per LADOTD guidelines. Mr. Jewell oversaw the completion of the Geotechnical Data Report and assisted with technical reviews pertaining to selection of design reaches, geotechnical design of pile and drilled shaft foundations, drivability, slope stability, earth retaining structures, settlement analyses and construction testing program recommendations, including an advanced test pile program. He is currently overseeing development of the Phase 2 field and laboratory program for each segment.
04/14-Ongoing	**SP NO. H.004435 / I-12 TO BUSH SEGMENT 2, LA 3241 (LA 36-LA435): St. Tammany Parish, LA.** *Project Manager*. Mr. Jewell oversaw and coordinated the geotechnical investigation which included drilling 32 deep soil borings, 10 culvert borings, and 88 shallow roadway borings, sampling, and laboratory testing along the alignment which includes two bridges: LA 435 over Bayou Lacombe Tributary and LA 36 over Bayou Lacombe Tributary 2. He assisted in developing the geotechnical analyses and design recommendation report which included pile foundations for the bridge structures and shallow foundation design for the culverts. Mr. Jewell oversaw the construction phase which included PDA testing and settlement monitoring.
10/09 – Ongoing	**SP NO. H.004646.5 / I-20 MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS.** *Project Engineer*. Mr. Jewell assisted in several aspects of engineering for this multi-million-dollar, high risk, high technical needs, high visibility project consisting of investigating movement of the I-20 Bridge in Vicksburg, MS. This project consisted of a comprehensive laboratory testing program and refinement of the geotechnical site characterization for the bank/bluff where there was evidence of shifting creating movement in the bridge structure. Mr. Jewell helped managed the field investigations and instrumentation programs, along with review of the field data and engineering reporting.
07/09-08/11	**SP NO. 700-29-0112 / LA-1- PHASE 1: Lafourche Parish, LA:** *Assistant Project Engineer.* Mr. Jewell served in the field as on-site geotechnical engineer during construction for this project. He oversaw and conducted dynamic monitoring using the Pile Driving Analyzer (PDA), performed CAPWAP analyses, reviewed drive logs, and supervised field technicians.

16. Staff Experience

Firm employed by	**Ardaman & Associates, Inc.**		
Name	**Mark Woodward, P.E.**	Years of relevant experience with this employer	7
Title	PRINCIPAL GEOTECHNICAL ENGINEER	Years of relevant experience with other employer(s)	36
Degree(s) / Years / Specialization		M.S. / 2019 / Risk Management M.S. / 1986 / Civil Engineering B.S. / 1982 / Civil Engineering	
Active registration number / state / expiration date		24206 / LA / 9-30-2025	
Year registered	1991	Discipline	Civil
Contract role(s) / brief description of responsibilities		**Principal Engineer**	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	Mr. Woodward *served as a geotechnical engineer for 36 years in the geotechnical branch of USACE New Orleans District, retiring as the Deputy Chief of the Geotechnical Branch and Dam and Levee Safety Program Manager. He was responsible for managing all departments in the branch including engineering, drilling, soils laboratory, dredge material testing, concrete testing, and administration. Mr. Woodward has considerable experience designing and managing various types of projects on the Mississippi River, Atchafalaya Basin and Storm Surge Levees in Southeast Louisiana, Mississippi and Texas, as well as mitigation and coastal projects in Louisiana. These projects included design of major foundation elements for dams, earthen levees, hydraulic structures, floodwalls, revetments, channel stabilization, bank degrading. ground improvement, deep excavations, relief wells, wick drains, dewatering systems, seepage and stability berms, preloads, reinforced levees and marsh creation for mitigation, coastal restoration and protection and beneficial use of dredge material in marsh and coastal environments with field investigations requiring use of specialized marine and marsh drilling equipment. Since 2018, Mr. Woodward has served as Principal Geotechnical Engineer of Ardaman for Louisiana, Mississippi, Alabama, Arkansas, and Texas. Mr. Woodward provides oversight and review of design major foundation elements for transportation, industrial, commercial and municipal projects.*		
04/21-01/2025	**SP NO. H.013987 / RURAL BRIDGES PHASE I: Claiborne Parish, LA.** *Principal Engineer*. The Rural Bridges project initiative consists of replacing many older bridges throughout the State of Louisiana. Mr. Woodward provided review of the geotechnical design including pile foundations for 3 bridges.		
01/19-12/23	**SP NO. H.008226 / CHENIERE SPILLWAY & BRIDGE REPLACEMENT: Ouachita Parish, LA.** *Principal Engineer*. Mr. Woodward served as the Principal Engineer for this project which included the replacement of the current damaged spillway and bridge structure in Ouachita Parish, Louisiana.		
10/18-11/21	**SP NO H.003370 / I-220 I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIRFORCE BASE ACCESS ROAD: Bossier Parish, LA.** *Principal Engineer.* This Design Build project consisted of direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and an interchange and access road from Interstate 20 in Shreveport, Louisiana. Mr. Woodward provided quality assurance oversight for this project, reviewing the work during the design and construction phase.		

05/18-09/19	**SP NO. H.001344 / US 190: LA 437 TO USE 190 BUS (PH 1): St. Tammany Parish, LA.** *Principal Engineer*. Mr. Woodward provided technical oversight for this project which includes the widening of US 190 to a four-lane boulevard between US 437 and US 190.
05/18-08/19	**SP NO. H.011152.5 / I-12 WIDENING (US 190 to LA 59): St. Tammany Parish, LA.** *Principal Engineer.* Mr. Woodward provided technical oversight for this project which included the widening of I-12 in St. Tammany Parish. Ardaman conducted a geotechnical investigation which included 23 deep soil borings, sampling, and laboratory testing along the 3-mile alignment between US 190 and LA 59 for lane widening which included four bridges structures. Mr. Woodward provided oversight to perform additional soil borings, lab testing and engineering analyses for a retaining wall for one of the bridge abutments
05/18-07/18	**IMTT ACCESS ROAD PAVEMENT, AVONDALE: Jefferson Parish, LA.** *Principal Engineer.* Served as senior engineer for 2,200-foot-long x 50 -foot wide rigid and flexible roadway design for AASHTO loading per LADOTD guidelines, including subsurface exploration and testing, California Bearing Ratio, subbase material and thickness recommendations, wearing course thicknesses, and construction recommendations.
06/16-07/16	**SOUTHEAST LOUISIANA URBAN FLOOD CONTROL, LOUISIANA AVENUE PAVING: Orleans Parish, LA.** *Chief of Structural Design.* Served as decision maker as Chief of Structural Design, USACE New Orleans, for asphalt or concrete paving, looking at factors such as construction cost, durability, maintenance cycles and costs, constructability, construction duration, etc.
2014-2018	**DAM AND LEVEE SAFETY PROGRAM, USACE NEW ORLEANS DISTRICT: LA.** *Dam and Levee Safety Program Manager*. Mr. Woodward served as the USACE New Orleans District Levee Safety Program Manager for over four years, responsible for Levee Evaluation Reports for Levee Certifications and the National Flood Insurance Program, Levee Inspection Reports on over 1300 miles of levee on an annual basis, Risk Assessments and Communication for all levees in the District's jurisdiction. Responsible for final Section 408 permitting approval to ensure that construction activities do not increase risk or diminish function of levees and do not cause harm to the public.
2006	**HOMEPLACE LEVEE WITH GROUND IMPROVEMENT, P24: Plaquemines Parish, LA.** *Lead Geotechnical Engineer*. In the aftermath of Hurricane Katrina, Mr. Woodward was assigned to USACE Task Force Guardian as Geotechnical Engineer for Plaquemines Parish to restore levee damage to pre-Katrina conditions. The Homeplace Floodwall had translated due to loading and had to be removed. In order to replace the risk reduction system with an earthen levee, the foundation had to be improved. Using knowledge gained from full scale test section Mr. Woodward had coordinated pre-Katrina for Deep Mixing, Mr. Woodward designed ground improvement and reviewed/ approved all construction submittals and oversaw construction.
1983-2015	**MISSISSIPPI RIVER AND TRIBUTARIES PROJECT – GEOTECHNICAL INVESTIGATION, DESIGN AND CONSTRUCTION OVERSIGHT: LA**. *Principal Engineer*. Mr. Woodward conducted or oversaw the review of existing geotechnical data and implementation of field investigation to obtain subsurface data, selection and reduction of laboratory testing, geotechnical engineering analyses, development of conclusions and recommendations, final report preparation and construction oversight for over 50 levee and floodwall projects on the Mississippi River and Atchafalaya Basin. Responsible for providing final geotechnical approval of 1000 permits a year for construction activities on and around levees.

16. Staff Experience

Firm employed by	**Ardaman & Associates, Inc.**			
Name	**Ross McGillivray, P.E.**		Years of relevant experience with this employer	28
Title	PRINCIPAL ENGINEER		Years of relevant experience with other employer(s)	29
Degree(s) / Years / Specialization			M.S. / 1968 / Civil Engineering (Soil Mechanics) B.C.E. / 1966 / Civil Engineering	
Active registration number / state / expiration date			17920 / FL / 02-28-2027	
Year registered	1998	Discipline	Civil	
Contract role(s) / brief description of responsibilities			**Principal Engineer**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. McGillivray, a principal engineer at Ardaman's Tampa office, provides technical review and consultation on multiple types of foundations including building and bridge foundations, geotechnical and materials engineering for port facilities, pavement systems, earth structures, surface mining, groundwater hydrology, and sinkhole evaluation and remediation. He has supported projects across Ardaman's Florida, Baton Rouge, and New Orleans offices, including multiple LADOTD projects. From 1968 to 1970, he managed MIT's soil mechanics lab and researched soil and industrial waste behavior. At Lambe & Associates, he worked on soil stability and anchor capacity for Caracas's Parque Central retaining wall and helped develop a permafrost and soil mechanics lab in Anchorage. In 1975, he founded ARMAC Engineers, focusing on foundations, sinkhole remediation, mine slope stability, and earthen dams. He joined Ardaman in 1996 as a Senior Engineer, contributing to mining and foundation projects.
07/23-Ongoing	**SP NO. H.013284 / MRB SOUTH GBRL: LA 1 TO LA 30 CONNECTOR: West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, LA.** *Principal Engineer.* The project consisted of an Enhanced Planning investigation into S.P. No. H.013284, MRB South GBR: LA 1 to LA 30 Connector, with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings from three proposed alignments. Mr. McGillivray reviewed all design aspects of this project including caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations.
07/21-Ongoing	**SP NO. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 & I-12 (CMAR): Baton Rouge Parish, LA.** *Project Engineer.* The project consists of a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles. Mr. McGillivray reviewed all design aspects of this project including pile and drilled shaft foundations, detailed soil structure interactions with existing bridges, bi-directional O-cell tests oversight, review, and redesign, and reporting.
09/20-Ongoing	**SP NO. H.013897 / COLLEGE DR FLYOVER RAMP I-10 / I-12: Baton Rouge Parish, LA.** *Principal Engineer.* Mr. McGillivray assisted with review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFI's for the construction of a flyover ramp on I-10
02/20-Ongoing	**SP NO. H.004791 / DESIGN SUPPORT SERVICES LA 23 BELLE CHASSE BRIDGE AND TUNNEL: Plaquemine Parish, LA.** *Principal Engineer.* Mr. McGillivray assisted with review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFI's for the P3 Project consisting of replacing the Belle Chasse bridge and tunnel
10/18 –11/21	**SP NO. H.003370 / I-220/I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA**. *Principal Engineer.* This was a Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and constructing an interchange and access road from Interstate 20 in Bossier City, Louisiana. Mr. McGillivray helped review and perform analyses of the drilled shaft bi-directional O-cell tests.

11/15 –Ongoing	**SP NO. H.011309 / MACARTHUR INTERCHANGE COMPLETION PHASE II ROUTE US 90-Z: Jefferson Parish, LA.** *Principal Engineer.* Mr. McGillivray reviewed and evaluated the capacity of tip-grouted Drilled Shafts utilizing Cone Penetrometer Test (CPT) sounding data for Phase II of the MacArthur Interchange consisting of construction ramps entering and exiting Westbank Expressway.
6/09-2/10	**SR 686 OVERPASS BRIDGE: St. Petersburg, FL.** *Principal Engineer.* The SR 686 Overpass Bridge, 1,500 feet long, crosses a solid waste landfill lined with a slurry wall and in-situ clay. The original foundation design used 24-inch prestressed concrete piles inside 36-inch steel casings, grouted in place. Mr. McGillivray evaluated alternatives and proposed non-redundant drilled shafts to minimize penetrations of the clay liner. The final design included 36-, 48-, and 60-inch drilled shafts. Two Osterberg Cell load tests with 2-inch Styrofoam toes measured skin friction above and below the cell. Ardaman conducted pilot borings and inspected all drilled shaft installations.
5/05 – 11/05	**I-10 BRIDGES OVER ESCAMBIA BAY: Pensacola, FL.** *Principal Engineer.* The I-10 bridge over Escambia Bay, damaged by Hurricane Ivan in 2004, consisted of two 2.6-mile, three-lane bridges with 103 spans each. Mr. McGillivray, PE, served as Lead Geotechnical Engineer for the replacement foundation design. This was Florida's first use of 36-inch voided prestressed concrete piles since 1972. Driving criteria were set for two pile hammers with 150 kip-ft energy but differing ram weights (30 and 60 kips). Wave Equation Analyses and PDA/CAPWAP showed that the lighter ram hammer was marginal for production piling installation. Vertical and lateral load tests correlated well with static capacity and PDA/CAPWAP analyses, with lateral load results requiring soil strengths from Cone Penetrometer Tests for accurate modeling.
09/01 – 11/01	**SP NO. 450-10-0113 & 454-01-0064 / I-10/12 SOUND WALLS, WALL 6-DESIGN LATERAL LOAD TEST ON DRILLED SHAFTS / SOUND WALL SHAFT CLS EVALUATION: Baton Rouge, LA.** *Principal Engineer.* Mr. McGillivray performed a re-design for the drilled shafts supporting the I-10/I-12 sound wall system in Baton Rouge, LA, and performed an instrumented lateral load performance on a 48-inch diameter drilled shaft. The results of the load test compared analyses performed with Standard Penetration Test Boring Data to analyses performed with Cone Penetrometer Test (CPT) sounding data. Mr. McGillivray also evaluated the results of Cross-Hole Sonic Log (CSL) tests on installed drilled shafts and developed repair procedures when drilled shafts were shown to have CSL detected flaws. The repair procedures were accepted by LADOTD for the project.

16. Staff Experience

Firm employed by	**Ardaman & Associates, Inc.**		
Name	**Jarmon King, P.E.**	Years of relevant experience with this employer	6
Title	PROJECT ENGINEER	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		B.S. / 2019 /Civil Engineering Traffic Control Supervisor / LA / 11-08-2027 DOTD Flagger / LA / 05-29-2028	
Active registration number / state / expiration date		49179 / LA / 03-31-2027	
Year registered	2024	Discipline	Civil
Contract role(s) / brief description of responsibilities		**Project Engineer**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Jarmon King *serves as a project engineer of Ardaman in the Baton Rouge office with over 7 years of experience. Mr. King is involved with overseeing and conducting geotechnical investigations. Mr. King also prepares soil boring logs; processes and analyzes Cone Penetration Test (CPT) sounding design and analyses of multiple types of foundations including shallow, embankment settlement analysis, deep foundations (pile and drilled shafts), LRFD design, FHWA & GEC design, slope stability (embankment and excavation) and earth retaining structures. Mr. King has experience in overseeing and performing Pile Driving Analyzer (PDA) testing during the construction phase of projects.*
07/23-Ongoing	**SP NO. H.013284 / MRB SOUTH GBRL: LA 1 TO LA 30 CONNECTOR: West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, LA.** *Project Engineer.* The project consists of an Enhanced Planning investigation into S.P. No. H.013284, MRB South GBR: LA 1 to LA 30 Connector, with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings from three proposed alignments. Mr. King helped oversee the field program, development of the laboratory testing program, development of an interactive geotechnical database to compile all the soil borings and ECPT. He helped perform the preliminary engineering analyses included caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations. Mr. King assisted in preparation of the Data and Design reports for this project.
07/21-Ongoing	**SP NO. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 & I-12 (CMAR): Baton Rouge Parish, LA.** *Project Engineer*. The project consists of a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles. Mr. King co-manages and oversees the engineering analyses pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. Mr. King helped develop the Geotechnical Data reports, memorandums and Design reports for this project.
07/21-01/22	**SP No. H.003931 / I-10 CALCASIEU RIVER BRIDGE: Calcasieu Parish, LA.** *Assistant Project Engineer.* Assisted with all aspects of this project pertaining to coordination of fieldwork including 37 deep soil borings, 39 ECPTs and 13 electrical resistivity (ER) geophysical survey transects. A majority of the soil borings were completed from a barge, some over a considerable amount of water. Some soil borings were completed from a marsh buggy over shallow water and thick marsh grass. He also assisted with the laboratory testing program, processing and analyzing of the ECPT and ER data, development of a geotechnical database and preparation and submittal of a geotechnical data report. This project consisted of obtaining preliminary geotechnical data under an extremely strict deadline to be used in the design phase of a project that will consist of replacing the existing I-10 Calcasieu River Bridge with a new structure and improvements to various other interchanges.

04/21-Ongoing	**SP NOs. 700-29-0112, 700-29-0130, H.012565, H.012891, H.014251, H.014252, H.014253, H.014254, H.014256, H.014257 / RURAL BRIDGE INITIATIVE PHASE II: West Feliciana, East Feliciana, Livingston, St. Bernard Parishes, LA.** *Assistant Project Engineer.* This project consists of the replacement of multiple small two-lane bridges throughout rural areas of Southeast Louisiana which generally ranged in length from 100 to 400 feet, mainly over small rivers and creeks. Mr. King assisted in engineering design pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses, construction testing program recommendations, and report preparation in accordance with LADOTD guidelines.
06/20-11/22	**SP. NO. H.002825 / NICHOLSON DRIVE (LA HWY 30) SEGMENT 1: East Baton Rouge Parish, LA.** *Assistant Project Engineer*. This project consisted of the reconstruction and widening of a section of Nicholson Drive between the intersections of Brightside Lane and Burbank Drive for the MOVEBR Program. Thirteen shallow soil borings and two deep soil borings were drilled at the subject site and associated laboratory testing was performed. Mr. King oversaw the field investigation and engineering analyses which included pavement and culvert crossing design recommendations in accordance with LADOTD specifications.
10/18-06/21	**SP NO. H.000263 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA.** *Assistant Project Engineer*. Helped produced soil boring logs and CPT soundings in LADOTD format. Assisted with development of the data report.
10/18-11/21	**SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA.** *Assistant Project Engineer*. This was a Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and constructing an interchange and access road from Interstate 20 in Bossier City, Louisiana. Mr. King assisted with the construction monitoring aspect of the project which included PDA testing and CAPWAP analyses.
03/19-07/20	**SP NO. H.004100.5-2 / I-10 WIDENING (LA415 TO HOWARD ST): East Baton Rouge Parish, LA.** Assistant *Project Engineer.* Mr. King evaluated the laboratory test results and produced logs for the widening of the East and Westbound lanes, elevated structures, and construction of interchange and ramps on Westbound lanes along I-10 between LA 415 and Howard Street spanning approximately 1 mile. The geotechnical investigation included 58 deep borings and 11 cone penetrometer (CPT) soundings, associated laboratory testing and the preparation of a geotechnical data report.
03/25 - Ongoing	**SP NOs. H.016313.5, H.016314.5, H.016315.5, H.016316.5, H.016317.5, H.016318.5, H.016319.5, H.016320.5, H.016325.5 / CULVERT REPLACEMENTS:** Rapides, Richland, Vernon, Winn, Evangeline, Jackson, St. Landry Parishes, LA: Project Engineer. The project consisted of geotechnical field investigations throughout Louisiana consisting of ten soil borings to depths ranging from 100 to 120 feet, associated laboratory testing, and reporting for new box culvert structures. Mr. King helped produced soil boring logs and CPT soundings in LADOTD format and developed the data reports.

16. Staff Experience

Firm employed by	**Ardaman & Associates, Inc.**			
Name	**Robert Rousset, P.E.**		Years of relevant experience with this employer	19
Title	PROJECT ENGINEER / VICE PRESIDENT, REGIONAL MANAGER		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B.S. / 2008 / Civil Engineering	
Active registration number / state / expiration date			38637 / LA / 09-30-2026	
Year registered	2014	Discipline	Civil	
Contract role(s) / brief description of responsibilities			**Project Engineer**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	***Mr. Rousset** serves as the manager of Ardaman's New Orleans office and has over 15 years of experience with design and analyses of countless types of foundations including shallow, embankment settlement analysis, deep foundations (pile and drilled shafts), slope stability (embankment and excavation) and earth retaining structures. He has managed and coordinated many geotechnical field investigations, including shallow and deep borings, CPT soundings, and performed analyses and prepares design recommendation reports for LADOTD projects. Mr. Rousset has extensive experience in construction phase testing and oversight including dynamic and static testing.*
05/21 - Ongoing	**SP NO. H.014217, H.014218, H.014225, H.014228, H.014233, H.014236 / RURAL BRIDGE REPLACEMENT INIT IATIVE PHASE II: West Feliciana, East Feliciana, Livingston, and St. Bernard Parishes, LA.** *Project Engineer.* The Rural Bridges project initiative consists of replacing many older bridges throughout the State of Louisiana. The scope of the proposed bridge replacement project involves demolishing and replacing the existing bridges. Ardaman performed geotechnical analyses to support foundation designs provided in a report based on the AASHTO LRFD Bridge Design Specifications, the LADOTD Bridge Design Technical Memoranda, and the Louisiana Standard Specifications for Roads and Bridges (LSSRB).
08/20 - Ongoing	**SP NO. H.013942, H.013948, H.013979, H.013985, H.013987, H.013988 / RURAL BRIDGES REPLACEMENT INITIATIVE: Avoyelles and Webster Parishes.** *Project Engineer.* This project consists of the replacement of multiple small rural bridges throughout Central and North Louisiana. Mr. Rousset oversaw the field investigation, laboratory testing program, and engineering analyses for the project. Engineering analyses consisted of axial pile capacities, pile drivability, settlement, and slope stability analyses, and reporting in accordance with LADOTD guidelines.
03/19-07/20	**SP NO. H.004100.5-2 / I-10 WIDENING (LA415 TO HOWARD ST): East Baton Rouge Parish, LA.** *Project Engineer.* The project consists of the widening of the East and Westbound lanes, elevated structures, and construction of interchange and ramps on Westbound lanes along I-10 between LA 415 and Howard Street spanning approximately 1 mile. Mr. Rousset helped oversee the geotechnical fieldwork portion of this project which included 58 deep borings and 11 cone penetrometer (CPT) soundings.

07/16-Ongoing	**SP NO. H.011152 / I-12 (US 190 TO LA 59): East Baton Rouge Parish, LA.** *Project Engineer. Mr. Rousset* oversaw and coordinated the geotechnical field investigation which included 23 deep soil borings and associated laboratory testing along an alignment that included 4 bridges.
07/14-05/18	**SP NO. H.004113 / I-12 TO BUSH SEGMENT 3, LA HIGHWAY 3241 (LA 435 TO LA 40/LA 41): St. Tammany Parish, LA.** *Project Engineer. Mr. Rousset* oversaw and coordinated the geotechnical field investigation which included 26 soil borings, sampling, and laboratory testing along the alignment that included one bridge, LA 435 over Talisheek Creek. He assisted in the geotechnical analyses and preparation of design recommendation report which included pile supported approach slabs and pile foundations for the bridge structures and shallow foundation design for the culverts.
05/12-03/13	**SP NO. H.002260.5 / GOOSE BAYOU BRIDGE ROUTE LA 45: Lafitte, LA.** *Assistant Project Engineer. Mr. Rousset* managed the geotechnical field investigation for the bridge that included drilling and laboratory testing of 2 deep soil borings and 4 CPT soundings performed with barge-mounted drilling equipment under difficult access conditions. He assisted with providing final soil boring logs and CPT sounding logs in LADOTD format.
03/11-02/12	**SP NO. H.003886.5 / I-49 SEGMENT J: Caddo Parish, LA.** *Assistant Project Engineer.* Mr. Rousset planned the geotechnical investigation program, coordinated field activities, assigned lab testing, reviewed laboratory test results, classified soil types based on laboratory tests, and compiled soil boring logs in the LA DOTD format.
08/09-12/09	**CENTRAL THRUWAY: East Baton Rouge Parish, LA.** *Assistant Project Engineer. Mr. Rousset* performed PDA testing on pre-stressed, pre-cast concrete piles for various bents.
07/09-08/11	**SP NO. 700-29-0112 / LA-1- PHASE 1: Lafourche Parish, LA.** *Assistant Project Engineer.* Mr. Rousset served in the field as on-site geotechnical engineer during construction for this project. He oversaw and conducted dynamic monitoring using the Pile Driving Analyzer (PDA), performed CAPWAP analyses, reviewed drive logs, and supervised field technicians.

16. Staff Experience

Firm employed by	**Ardaman & Associates, Inc.**		
Name	**Jessica N. Litt**	Years of relevant experience with this employer	12
Title	LABORATORY MANAGER	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 2010 / Biology	
Active registration number / state / expiration date		NICET / Generalist, Laboratory No. 141243 / 10-01-2027	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		**Laboratory Manager**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	***Ms. Litt** serves as Laboratory Manager of Ardaman's Baton Rouge laboratory which is under the direction of a Registered Professional Engineer. She supervises and manages operations of our AMRL Certified, DEQ Accredited, and USACE-validated laboratory and performs and oversees laboratory testing assignments, organizes, and schedules testing, trains and develops technicians, and supervises five laboratory technicians. Ms. Litt is experienced conducting soil mechanics laboratory testing in accordance with appropriate AASHTO and LADOTD testing protocol, which includes Soil Classification, Atterberg Limits, Grain Size Analysis, Gradation Testing, Organic Content, Hydrometer Analysis, Moisture Content, Consolidation Testing, Hydraulic Conductivity, pH, Resistivity, Strength Testing (Unconfined, Unconsolidated-Undrained Triaxial, Consolidated-Undrained Triaxial), Direct Shear, Specific Gravity, and Permeability of Granular Soils.*
03/25-Ongoing	**SP NOs. H.016313.5, H.016314.5, H.016315.5, H.016316.5, H.016317.5, H.016318.5, H.016319.5, H.016320.5, H.016325.5 / CULVERT REPLACEMENTS: Evangeline, Jackson, Rapides, Richland, St. Landry, Vernon, and Winn Parishes, LA.** *Laboratory Manager. Oversaw the completion of* a comprehensive laboratory testing program for 100 deep soil borings that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Organic Content, Particle Size Analysis, Hydrometer, Unit Weight of Undisturbed Samples, and UU Strength Tests in accordance with LADOTD guidelines. Ms. Litt entered the laboratory test results into gINT in order to produce the LADOTD soil boring logs.
08/24-Ongoing	**SP NOs. H.015568.5, H.015569 / LA 44 ROUNDABOUTS & WIDENING: Ascension Parish, LA.** *Laboratory Manager.* Oversaw the completion of a comprehensive laboratory testing program for 10 deep and 14 shallow soil borings that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Organic Content, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests in accordance with LADOTD guidelines. Ms. Litt entered the laboratory test results into gINT in order to produce the LADOTD soil boring logs.
07/23-Ongoing	**SP NO. H.013284 / MRB SOUTH GBR LA 1 TO LA 30 CONNECTOR: West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, LA**. *Laboratory Manager.* Oversaw the completion of a comprehensive laboratory testing program for 18 deep soil borings that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Organic Content, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests in accordance with LADOTD guidelines. Ms. Litt reviewed the consolidation test results and entered the laboratory test results into gINT in order to produce the LADOTD soil boring logs.

07/23-Ongoing	**SP NOs. H.015489, H.015490, H.015491, H.015492 / IIJA: OFF-SYSTEM BRIDGES: Allen, Beauregard, and Calcasieu Parishes, LA.** *Laboratory Manager.* Oversaw the completion of a comprehensive laboratory testing program for 10 deep soil borings that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests in accordance with LADOTD guidelines. Ms. Litt entered the laboratory test results into gINT in order to produce the LADOTD soil boring logs.
10/18-06/21	**SP NO. H.000263.5-1 / CHEF MENTEUR PASS BRIDGE AND APPROACH: Orleans Parish, LA.** *Laboratory Technician*. Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Organic Content, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests.
11/15-01/21	**SP NOS. 700-29-0112, 700-29-0130, H.012565, H.012891, H.014251, H.014252, H.014253, H.014254, H.014256, H.014257 / MACARTHUR INTERCHANGE COMPLETION PHASE 2, ROUTE US 90-Z: Jefferson Parish, LA.** *Laboratory Technician* – Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests.
04/14-03/22	**SP NO. H.004435 / I-12 TO BUSH SEGMENT 2, LA 3241: St. Tammany Parish, LA.** *Laboratory Technician.* Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Organic Content, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests.
04/14-05/18	**SP NO. H.004113 / I-12 TO BUSH SEGMENT 3, LA HWY. 3241 (LA 435 TO LA 40 / 41): St. Tammany Parish, LA.** *Laboratory Technician* – Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Unit Weight, Particle Size Analysis (Hydrometer), and UU Strength Tests.
10/09-Ongoing	**SP NO. H.004646.5 / I-20 MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS.** *Laboratory Manager.* Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Organic Content, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests.

16. Staff Experience

Firm employed by	**Ardaman & Associates, Inc.**		
Name	**Casey Floyd**	Years of relevant experience with this employer	4
Title	DRILLING SUPERVISOR	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		High School Diploma	
Active registration number / state / expiration date		Traffic Control Technician / LA / 9-5-2027 Traffic Control Supervisor / LA / 9-6-2027 DOTD Flagger / LA / 6-04-2028 Louisiana Water Well Driller's License #WWC-212, 6-30-2026	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		**Drilling Supervisor**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Floyd *has over 30 years of experience drilling in the Louisiana Gulf Coast Region including performing soil borings (on land and over water), CPT soundings, monitor well installation and abandonment, and installation of geotechnical monitoring instrumentation. Mr. Floyd has planned and supervised many LADOTD geotechnical investigation projects. He has arranged right of entry, utility locations, site clearing, arranging for police assistance (if needed) and traffic control/crew safety, and coordinating between engineering staff and drill crew. He has also successfully completed a multitude of LADOTD projects consisting of shallow borings and deep soil borings to depths of approximately 300 feet.*
03/25-Ongoing	**SP NOs. H.016313.5, H.016314.5, H.016315.5, H.016316.5, H.016317.5, H.016318.5, H.016319.5, H.016320.5, H.016325.5 / CULVERT REPLACEMENTS: Evangeline, Jackson, Rapides, Richland, St. Landry, Vernon, and Winn Parishes, LA.** *Drilling Supervisor.* The project consisted of geotechnical field investigations throughout Louisiana consisting of ten soil borings to depths ranging from 100 to 120 feet. Mr. Floyd oversaw the field investigation program consisting of 10 deep soil borings in accordance with LADOTD guidelines. He performed site reconnaissance at each location and coordinated the access along with traffic control.
08/24-Ongoing	**SP NOs. H.015568.5, H.015569 / LA 44 ROUNDABOUTS & WIDENING: Ascension Parish, LA.** *Drilling Supervisor.* Mr. Floyd oversaw the field investigation program consisting of 10 deep and 14 shallow soil borings in accordance with LADOTD guidelines. He performed site reconnaissance, coordinated the access along with traffic control and pavement coring.
07/23-Ongoing	**SP NOs. H.015489, H.015490, H.015491, H.015492 / IIJA: OFF-SYSTEM BRIDGES: Allen, Beauregard, and Calcasieu Parishes, LA.** *Drilling Supervisor.* Mr. Floyd oversaw the field investigation program consisting of 10 deep soil borings in accordance with LADOTD guidelines. He performed site reconnaissance, coordinated the access along with traffic control and pavement coring.
03/22-01/25	**SP NO. H.002244.5 / BOUDREAUX CANAL BRIDGE REPLACEMENT: Terrebonne Parish, LA.** *Drilling Supervisor*. The project consisted of replacement of the existing LA 56: Boudreaux Canal Bridge with a new bridge just west of the center line of the existing bridge. Mr. Floyd oversaw the field investigation program consisting of 8 deep soil borings and 4 CPT soundings in accordance with LADOTD guidelines. He performed site reconnaissance, coordinated the access along with traffic control and pavement coring. Mr. Floyd oversaw the completion of one of the soil borings that was performed on a barge.
07/21-01/22	**SP No. H.003931 / I-10 CALCASIEU RIVER BRIDGE: Calcasieu Parish, LA.** *Drilling Crew Chief.* Mr. Floyd helped manage and oversee all aspects of an extensive field investigations program which included 37 deep soil borings and 39 CPT soundings in accordance with LADOTD guidelines. A majority of the soil borings were completed from a barge, some over a considerable amount of water. Some soil borings were completed from a marsh buggy over shallow water and thick marsh grass.

04/21-Ongoing	**SP NOs. 700-29-0112, 700-29-0130, H.012565, H.012891, H.014251, H.014252, H.014253, H.014254, H.014256, H.014257 / RURAL BRIDGE INITIATIVE PHASE II: West Feliciana, East Feliciana, Livingston, St. Bernard Parishes, LA.** *Drilling Crew Chief*. This project consists of the replacement of multiple small two-lane bridges throughout rural areas of Southeast Louisiana which generally ranged in length from 100 to 400 feet, mainly over small rivers and creeks. Mr. Floyd oversaw all aspects of this project pertaining to coordination of fieldwork including 31 deep soil borings. Some of these borings were performed through the middle of bridges and at hard access locations.
03/19-07/20	**SP NO. H.004100.5-2 / I-10 WIDENING (LA 415 TO HOWARD ST): East Baton Rouge Parish, LA.** *Drilling Crew Chief.* Mr. Floyd helped oversee the field investigation included 58 deep borings and 11 cone penetrometer (CPT) soundings in accordance with LADOTD guidelines, and electrical resistivity imaging along the entire alignment for the widening of I-10 project. He performed site reconnaissance at each location and coordinated the access along with traffic control.
10/18- 06/21	**SP NO. H.000263.5-1 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA**. *Drilling Crew Chief*. Mr. Floyd helped manage and oversee all aspects of an extensive field investigation program which included 37 deep soil borings in accordance with LADOTD guidelines, including borings over 200 feet in over 80 feet deep of high flow water.
07/15-Ongoing	**SP NO. H.004273.5 / I-49 CONNECTOR (LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE): Lafayette Parish, LA.** *Drilling Supervisor.* The project consists of construction of 5 miles of freeway consisting of a 3.5-mile elevated structure from I-10 to the Airport in Lafayette, LA. Mr. Floyd managed and oversaw the completion of the Phase 2 Kaliste-Saloom Interchange field investigation program which included 26 deep soil borings and 10 CPT soundings in accordance with LADOTD guidelines. He performed site reconnaissance, coordinated the access along with traffic control and pavement coring.
10/09-Ongoing	**SP NO. H.004646.5 / I-20 MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS.** *Drilling Supervisor*. Mr. Floyd has performed and supervised all aspects of field operations associated with this multi-million-dollar, high technical needs project consisting of investigating the movement of the I-20 Bridge in Vicksburg, Mississippi. Ardaman managed a comprehensive laboratory testing program and refined a geotechnical site characterization for the bank/bluff where there was evidence of shifting creating movement in the bridge structure. In order to allow for this advanced testing program, it was imperative to obtain high quality undisturbed soil samples in difficult drilling conditions. Mr. Floyd was instrumental in completing these tasks as well as installing all types of instrumentation to maintain a highly extensive automated monitoring program at the site including vibrating wire piezometers, SAA inclinometers and traditional inclinometers.

16. Staff Experience

Firm employed by	**Ardaman & Associates, Inc.**		
Name	**Chae Hrenyk**	Years of relevant experience with this employer	17
Title	CONSTRUCTION MATERIALS TESTING MANAGER	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		Certified NHI Drilled Shaft Inspector	
Year registered	Discipline		
Contract role(s) / brief description of responsibilities		**Construction Testing Technician Supervisor**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	***Mr. Hrenyk** is the Construction Materials Testing (CMT) Manager in the Baton Rouge office with 15 years of field and laboratory experience. He has performed construction materials testing, QA inspections, and pile monitoring, including PDA, pile logging, and vibration monitoring, as well as drilled shaft construction inspection. He is skilled in geotechnical instrumentation installation and monitoring, field resistivity imaging, and conducting field testing. Mr. Hrenyk trains and supervises all field technicians and serves as client coordinator, communicating field data to clients and engineers. He is certified in drilled shaft installation inspection and experienced with LADOTD project testing and data submission. Additionally, he manages CMT Laboratory certifications, equipment maintenance, technician training, documentation, and agency inspections under AMRL, CCRL, USACE, and LDEQ standards.*
03/25 - Ongoing	**SP NOs. H.016313.5, H.016314.5, H.016315.5, H.016316.5, H.016317.5, H.016318.5, H.016319.5, H.016320.5, H.016325.5 / CULVERT REPLACEMENTS: Rapides, Richland, Vernon, Winn, Evangeline, Jackson, St. Landry Parishes, LA**. *CMT Laboratory Manager*. The project consisted of geotechnical field investigations throughout Louisiana consisting of ten soil borings to depths ranging from 100 to 120 feet, associated laboratory testing, and reporting for new box culvert structures. Mr. Hrenyk assisted with overseeing the laboratory testing program in accordance with LADOTD guidelines.
03/24 - Ongoing	**FACILITY PLANNING AND CONTROL/LSU NEW SCIENCE COMPLEX: East Baton Rouge, LA:** *CMT Manager.* The project consists of the construction of a new science building at LSU. Mr. Hrenyk oversaw and managed all of Ardaman's scope of work which includes soil and concrete inspection and testing, rebar inspection, auger cast-in-place installation and load testing program, and overview of welding inspections.
07/21-01/22	**SP NO. H.003931 / I-10 CALCASIEU RIVER BRIDGE: Calcasieu Parish, LA.** *Senior Field Technician.* Ardaman's scope of work consisted of coordination of fieldwork including 37 deep soil borings, 39 ECPTs and 13 electrical resistivity (ER) geophysical survey transects. This project consisted of obtaining preliminary geotechnical data under an extremely strict deadline to be used in the design phase of a project that will consist of replacing the existing I-10 Calcasieu River Bridge with a new structure and improvements to I-10 near the I-210 interchange and various other interchanges including entrances, exits and service roads. Mr. Hrenyk assisted in completing the ER surveys.
09/20-Ongoing	**SP NO. H.013897 / COLLEGE DR FLYOVER RAMP I-10 / I-12: Baton Rouge Parish, LA.** *CMT Laboratory Manager.* Ardaman's scope consists of review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFI's for the construction of a flyover ramp on I-10. In addition, Ardaman performs acceptance verification sampling and testing during the construction for soils and concrete. Mr. Hrenyk assisted in review of all acceptance verification sampling and testing during construction and oversaw the input of the data results into LIMS as required by LADOTD.

10/18- 06/21	**SP NO. H.000263 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA.** *Senior Field Technician.* Ardaman's scope of work for this project consisted of an extensive field investigation program which included 37 deep soil borings, including borings over 200 feet in over 80 feet deep flow water, a laboratory testing program to provide geotechnical characterization data for use in design of deep foundations and embankments, an electrical resistivity (ER) geophysical survey transects testing program, and a data report. Mr. Hrenyk assisted with completion of the ER surveys.
10/18-11/21	**SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA.** *Construction Monitoring Inspector.* Mr. Hrenyk helped oversee the installation of driven piles, drilled shafts and helped perform PDA testing and static load tests. He oversaw large diameter drilled shaft installation and bi-directional O-cell testing.
06/18-Ongoing	**SP NO. H.004791 / DESIGN SUPPORT SERVICES LA 23 BELLE CHASSE BRIDGE AND TUNNEL: Plaquemine Parish, LA.** *CMT Laboratory Manager.* Ardaman's scope consists of review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFI's for the P3 Project consisting of replacing the Belle Chasse bridge and tunnel. In addition, Ardaman performs acceptance verification sampling and testing during the construction for soils and concrete. Mr. Hrenyk assisted in review of all acceptance verification sampling and testing during construction and oversaw the input of the data results into LIMS as required by LADOTD.
10/15-Ongoing	**SP NO. H.013579 / PECUE LANE I-10 INTERCHANGE: East Baton Rouge Parish, LA** *Construction Monitoring Inspector.* Assisted in performing PDA testing and pile logging for the pre-cast pre-stressed concrete (PCC) piles and steel pipe piles driven for the I-10 Interchange bridge.
10/09 - Ongoing	**SP NO. H.004646.5 / I-20 MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS.** *Senior Field Technician*. Mr. Hrenyk assisted with many aspects of this multi-million-dollar, highly technical project consisting of investigating the movement of the I-20 Bridge in Vicksburg, Mississippi. Ardaman managed a comprehensive laboratory testing program and refined a geotechnical site characterization for the bank/bluff where there was evidence of shifting creating movement in the bridge structure. He was instrumental in designing and installing the geotechnical instrumentation for this project including vibrating wire piezometers, Casagrande type piezometers, In-place inclinometers, SAA inclinometers, and traditional inclinometers. Currently, he is assisting with a phase of the project that includes upgrading the entire instrumentation communication system and will be monitoring this system continuously.
07/09-08/11	**SP NO. 700-29-0112 / LA-1- PHASE 1: Lafourche Parish, LA:** *Construction Monitoring Inspector.* Served in the field as on-site technician during construction for this project in southeast Louisiana. He assisted the Engineer with PDA testing and pile logging.

16. Staff Experience

Firm employed by	**Traffic Control Products Company of Louisiana, Incorporated**				
Name	**Devyn Albin**			Years of relevant experience with this employer	17
Title	OPERATIONS MANAGER			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B.S. / 2015 / Natural Resource Ecology & Management		
Active registration number / state / expiration date			Traffic Control Supervisor / LA / 3-11-2026		
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
	Mr. Albin *has 17 years of experience in the traffic industry. He has worked his way up from field personnel to running operations and currently oversees all traffic control field operations. He works beside contractors and state agencies to help keep projects running safely and smoothly..*				
2007-Present	**Traffic Control Products Company of Louisiana, Incorporated**				

16. Staff Experience

Firm employed by	**Traffic Control Products Company of Louisiana, Incorporated**				
Name	**Ray A. Billiot**		Years of relevant experience with this employer	7	
Title	PROJECT MANAGER		Years of relevant experience with other employer(s)	36	
Degree(s) / Years / Specialization			General Studies / 2004 / Construction Management		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
	Ray Billiot *has worked for the last 35 plus years in heavy civil and highway construction industries, including working as a pile driving operator, foreman, general superintendent, and project manager/estimator. He primarily oversee projects and ensures operations adhere to standards and requirements set forth in standard plans and specs.*				
07/17-Present	**Traffic Control Products Company of Louisiana, Incorporated -** *Project Manager/Estimator*.				
11/16-07/17	**Ozark Safety Services – Montgomery LA** *Project Supervisor/Foreman.*				
11/14-10/16	**Workzone, LLC.** *Manager/Estimator.*				
4/13-11/14	**Specialty Demolition – New Orleans, LA** *Manager/Estimator.*				
09/09-4/13	**Command Construction, LLC – Metaire, LA** *General Superintendent.*				
09/03-06/09	**Constrocrite Construction, LLC – Holden, LA** *Project Superintendent/Estimator.*				
01/95-8/03	**United Rentals Highway Technologies – Baton Rouge, LA** *Project Superintendent.*				

16. Staff Experience

Firm employed by	**Traffic Control Products Company of Louisiana, Incorporated**			
Name	**Nathan Billiot**		Years of relevant experience with this employer	3
Title	PROJECT MANAGER/ESTIMATOR		Years of relevant experience with other employer(s)	26
Degree(s) / Years / Specialization			N/A	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			**Construction Testing Technician Supervisor**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
	Nathan Billiot *has worked the last 29 years in highway construction. He has worked in the field as a foreman, coordinator, and project manager, and senior estimator. He became a certified flagger instructor while working for Command Construction. He worked as a commercial fisherman and served a two-year appointment to the Gulf of Mexico fisheries management council AP for the state of Mississippi. He worked for the city of Gulfport from 1980 to 1986 as a laborer, equipment operator, and certified water well operator taking monthly samples and log reports on water quality.*
02/19-Present	**Traffic Control Products Company of Louisiana, Incorporated -** *Project Manager/Estimator.*
08/09-02/19	**Command Construction Industries, LLC – Metairie, LA** *Project Manager/Senior Estimator.* Responsible for day-to-day operations of scheduling work crew, managing projects ranging from $1 to 5 million for installation of permanent highway signage and guard rails statewide.
06/09-09/09	**Precision Construction – Gretna, LA** *Project Manager/Estimator.* Estimated and managed commercial building projects. (Coast Guard Station Algiers, LA and Concessions facility in Kenner, LA).
05/07-06/09	**Constructrite Construction, LLC – Holden, LA** *Project Manage/Estimator.* Managed commercial building projects for state and local governments.
09/96-05/07	**United Rentals Highway Technologies – Baton Rouge, LA** *Project Manager/Estimator.* Duties consisted of managing day to day operations. Managed project of I-110 in Baton Rouge, installing $5 million of overhead signs, guardrail maintenance projects in six districts statewide, mentor and trainer implementing Rental Man software in several district locations nationwide.
04/86-09/96	**Commercial Fisherman** *Boat Owner/Captain.* Two-year appointment to serve on the Gulf of Mexico Fisheries Management Council for the state of Mississippi.

17. Firm Experience:

Firm name	**Ardaman & Associates, Inc.**		Discipline(s)*	Geotech	
Project name	**I-20 Mississippi River Bridge Review**			Firm responsibility (prime or sub?)	Prime
Project number	SP No. H.004646 09-L1049 H.010603.6 13-3720 H.010612.6 20-3729 H.004647.6 22-3746, 22-3753, 24-3707	Owner's name	LADOTD		
Project location	Madison Parish, LA		Owner's Project Manager	Chris Nickel	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA; 225.379.1100; Chris.Nickel@la.gov				
Services commenced by this firm (mm/yy)	10/09		Total consultant contract cost ($1,000's)	$10,881	
Services completed by this firm (mm/yy)	Ongoing		Cost of consultant services provided by this firm ($1,000's)	$10,881	

PROJECT DESCRIPTION

Ardaman conducted a geotechnical study to develop a list of technically feasible remedial alternatives to decrease the potential for ground movements to occur at the site of the I-20 Bridge. Movement of the east abutment of the bridge was first realized in 2001 during an inspection. Over the years Mississippi DOT has retained several consultants who have studied the problem, but no viable solution was identified. Ardaman conducted a comprehensive review of past slope stability evaluations and recommendations. This task was followed by developing a refined geotechnical site characterization plan for the bank/bluff area for further analyses. Drilling operations included obtaining extremely sensitive samples containing prehistoric shear planes from the river via barge and on land, all with extremely difficult access conditions. The drilling program also included installation of geotechnical instrumentation such as Shape Accelerator Arrays, inclinometers, and vibrating wire piezometers. Engineering analyses performed included seepage and drawdown analyses and both equilibrium and finite element numerical modeling slope stability analyses.

As part of the project, Ardaman developed a full slope stabilization design and construction remediation strategy and a monitoring program for the bluff instability and ground movements affecting the existing I-20 Mississippi River Bridge.

Ardaman is currently managing a phase of the project which involves upgrading the entire instrumentation communication system. It also includes gathering and continuously monitoring various types of instrumentation data, inspects of the site and monitoring changes in topography by obtaining periodic survey data.

FIRM MEMBERS

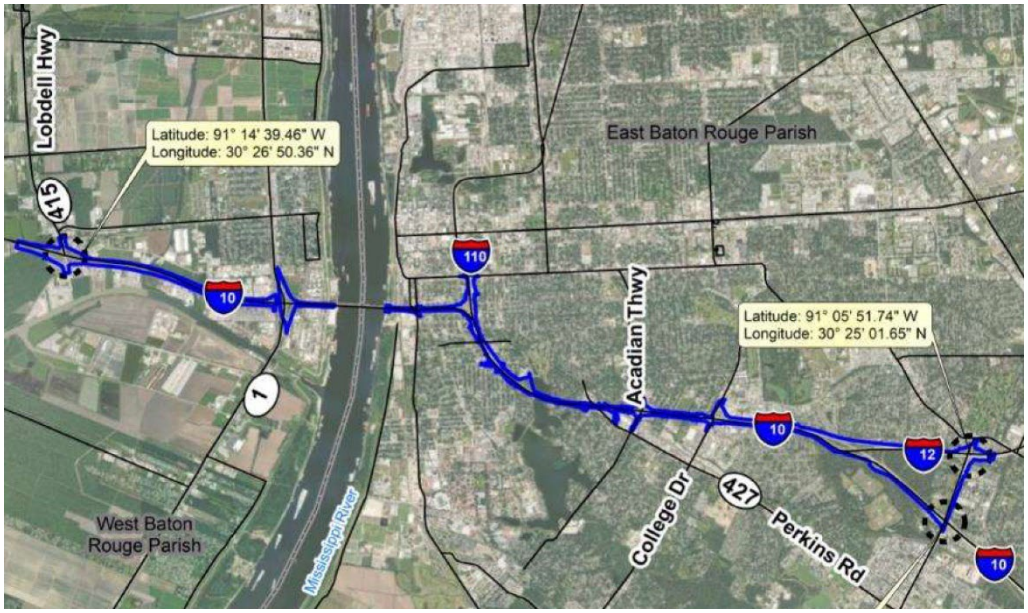
Megan Bourgeois, Robert Jewell, Ross McGillivray, Robert Rousset, Jarmon King, Casey Floyd, Chae Hrenyk, Jessica Litt

17. **Firm Experience:**

Firm name	**Ardaman & Associates, Inc.**		Discipline(s)*	Geotech	
Project name	**I-10: LA 415 to Essen Lane on I-10 & I-12 (CMAR)**			Firm responsibility (prime or sub?)	
Project number	SP No. H.004100.5	Owner's name	LADOTD		
Project location	East Baton Rouge Parish, LA		Owner's Project Manager	Nicholas Olivier	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA; 225.379.1133; nicholas.olivier@la.gov				
Services commenced by this firm (mm/yy)	07/21	Total consultant contract cost ($1,000's)		$44,000	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$1,217	

PROJECT DESCRIPTION

The Construction Management at Risk (CMAR) project scope consists of widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 mile. Ardaman is the Geotechnical Consultant on the CMAR team and is currently providing geotechnical support for Segment 1 which starts near the I-10 and I-110 split between Napoleon and St Joseph Streets to Acadian Thruway entrance and exit ramps.



Ardaman previously completed 58 soil borings and associated laboratory testing based on LADOTD standards, and 11 electronic cone penetration tests (ECPT) in the preliminary portion of the widening project between Napoleon Street and Louise Street under our current retainer contract in support of the project. In addition, Ardaman performed electrical resistivity (ER) geophysical survey transects along the entire alignment, which allowed for survey of the subsurface conditions between the boring locations. Ardaman is currently performing additional soil borings along the Segment 1 area to supplement existing data along the alignment.

Engineering services include supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile and analyze all the supplied soil boring data provide by LADOTD and the additional borings that are currently being performed. The engineering analyses consist of detailed selection of design reaches and design soil parameters, slope stability and settlement of earth retained structures, soil-structure interaction with existing structures, deep foundation design, load testing recommendations, review of load test results and refinement of design. A preliminary geotechnical assessment report was prepared, and a final geotechnical design report will be submitted.

FIRM MEMBERS:

Robert Jewell, Megan Bourgeois, Ross McGillivray, Jarmon King, Robert Rousset, Mark Woodward, Casey Floyd, Jessica Litt, Chae Hrenyk

17. **Firm Experience:**

Firm name	**Ardaman & Associates, Inc.**		Discipline(s)*	Geotech	
Project name	**MRB South GBR: LA 1 to LA 30 Connector**			Firm responsibility (prime or sub?)	Prime
Project number	H.013284	Owner's name	LADOTD		
Project location	West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes		Owner's Project Manager	Christina Brignac	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA | (225)379-1937 | Christina.Brignac@la.gov				
Services commenced by this firm (mm/yy)	07/2023		Total consultant contract cost ($1,000's)		$6,000
Services completed by this firm (mm/yy)	Ongoing		Cost of consultant services provided by this firm ($1,000's)		$713.1

PROJECT DESCRIPTION

The project consists of an Enhanced Planning investigation into S.P. No. H.013284, MRB South GBR: LA 1 to LA 30 Connector, with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings. There are three proposed alignments for this project connecting LA 1 on the west side of the Mississippi River to LA 30 on the east. The three alignments range from approximately 7 miles to 8 miles in length including interchanges at either end.

For this preliminary phase of work, Ardaman performed 18 soil borings, and 23 electronic cone penetration tests (ECPTs) distributed among the three alternative alignments. Six soil borings to a maximum exploration depth of 250 feet below existing ground surface (bgs) were performed in the Mississippi River batture area targeting the proposed bridge foundations on either side of the Mississippi River for each alternative. The remaining 12 soil borings performed to a maximum exploration depth of 150 feet were located along each of the alignments for the high-level approaches and low-level interchanges on either side of the Mississippi River. The ECPTs were performed to maximum exploration depths ranging from 42 feet to 150 feet and were located along the three proposed alignments to supplement the soil borings. Additionally, a total of 31 electrical resistivity (ER) geophysical survey transects were completed to allow for a survey of the stratigraphy between soil investigation locations.

Engineering services include supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile all the soil borings and ECPT. The preliminary engineering analyses included caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations. A data report and preliminary geotechnical assessment report were submitted.

FIRM MEMBERS:

Megan Bourgeois, Robert Jewell, Ross McGillivray, Jarmon King, Robert Rousset, Casey Floyd, Jessica Litt

17. **Firm Experience:**

Firm name	**Ardaman & Associates, Inc.**		Discipline(s)*	Geotech	
Project name	**I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167)**			Firm responsibility (prime or sub?)	
Project number	SP No. H.004273.5	Owner's name	LADOTD		
Project location	Lafayette Parish, LA		Owner's Project Manager	Chris Nickel	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA | 225.379.1100 | Chris.Nickel@la.gov				
Services commenced by this firm (mm/yy)	07/15	Total consultant contract cost ($1,000's)		$48,668	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$2,736	

PROJECT DESCRIPTION

The overall project includes construction of a freeway with accompanying interchanges in the Evangeline Thruway US 90/US 167 corridor and flanking collector/distributor roads for local traffic circulation and land access. The project begins just south of the Lafayette Regional Airport and continues north to the I-10/US 167/I-49 interchange, a length of approximately five miles, 3.5 of which consist of elevated structure. The project includes one three-level directional interchange at Kaliste Saloom Road (majority of interchange on structure); two full diamond interchanges at University/Surrey Street and Willow Street; two single point diamond interchanges at Johnston Street and 2nd/3rd Streets with associated railroad grade separations and arterial cross street studies involved; and various cross street connections at Pinhook Road, Jefferson Street, Mudd/Simcoe Street, Donlon Street, Castille/Martin Luther King Road and several minor streets.

Ardaman previously completed the Phase 1 scope of work consisting of 116 soil borings and associated laboratory testing based on LADOTD standards, and 15 electronic cone penetration tests (ECPT) along the alignment. Ardaman will perform the Phase 2 field investigation as the alternatives are determined and released. Ardaman recently performed 26 deep soil borings and 10 ECPT soundings for the Kaliste-Saloom Interchange portion of the project.

Engineering services included supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile and analyze all the supplied soil boring data provide by LADOTD and the additional borings that were recenlty performed. The engineering analyses consist of detailed selection of design reaches and design soil parameters, slope stability and settlement of earth retained structures, deep foundation design, and load testing recommendations. Two preliminary geotechnical data reports were prepared, along with multiple memorandums outlining the design components, and a geotechnical interpretation report was prepared for the Kaliste-Saloom Interchange.

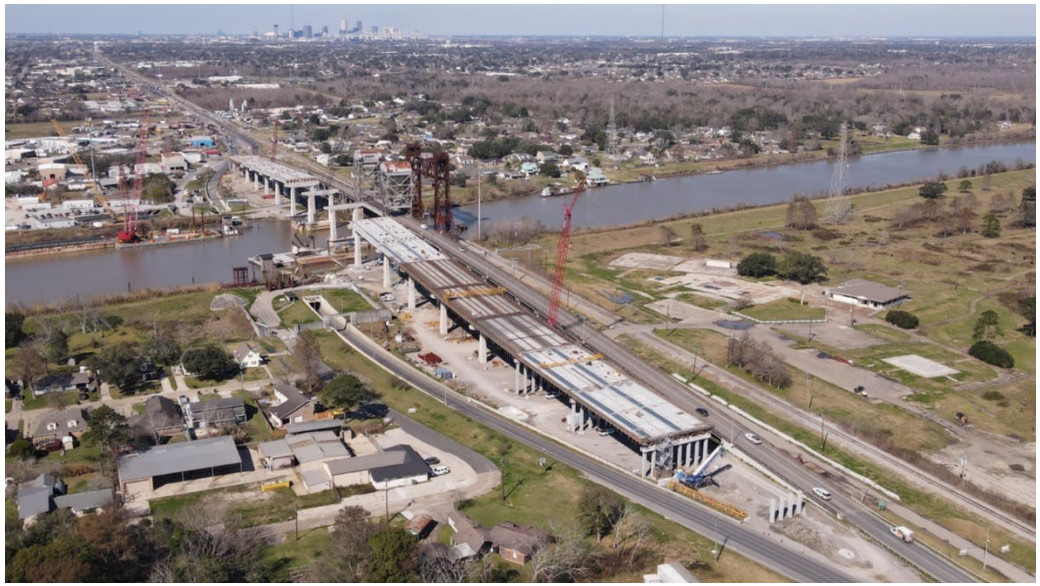
FIRM MEMBERS:

Robert Jewell, Megan Bourgeois, Robert Rousset, Ross McGillivray, Jarmon King, Casey Floyd, Jessica Litt

17. **Firm Experience:**

Firm name	**Ardaman & Associates, Inc.**		Discipline(s)*	Geotech	
Project name	**LA 23: Belle Chasse Bridge & Tunnel (HBI)**			Firm responsibility (prime or sub?)	Sub
Project number	H.004791	Owner's name	LADOTD		
Project location	Plaquemines Parish, LA		Owner's Project Manager	Nicholas Olivier	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA; 225.379.1133; nicholas.olivier@la.gov				
Services commenced by this firm (mm/yy)	02/2020		Total consultant contract cost ($1,000's)	$12,000	
Services completed by this firm (mm/yy)	Ongoing		Cost of consultant services provided by this firm ($1,000's)	$660	

PROJECT DESCRIPTION



The project is a P3 project which consists of replacing the existing Belle Chasse Tunnel and Judge Perez Lift Bridge at the Algiers Canal. Proposed improvements included a four-lane fixed height bridge with pedestrian and bicycle accommodations. The project alignment is from Engineers Road, about 2,000 feet northwest of the Intercoastal Canal to some 2,300 feet southeast of the canal between the existing Belle Chasse tunnel and the lift span bridge.

Ardaman previously completed 14 soil borings and associated laboratory testing based on LADOTD standards, and 11 electronic cone penetration tests (ECPT) along the new bridge alignment under our previous current retainer contract in support of the project. Engineering services included supervision of the field program, development of the laboratory testing program, quality control review, and preparation of a data report.

Ardaman is also part of the Owner Verification (OV) team during the design and construction phases. The scope consists of review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFI's. In addition, Ardaman performs acceptance verification sampling and testing during the construction for soils and concrete.

FIRM MEMBERS:

Robert Jewell, Megan Bourgeois, Mark Woodward, Ross McGillivray, Jarmon King, Chae Hrenyk, Casey Floyd, Jessica Litt

17. Firm Experience:

Firm name	**Traffic Control Products Company of Louisiana, Incorporated**		Discipline(s)*	Traffic	
Project name	LA 1 – LA 413 & 415			Firm responsibility (prime or sub?)	Sub
Project number	713-01-00100 – Temporary signs and Barricades for Project H.013747	Owner's name	LADOTD		
Project location	Pointe Coupee, LA		Owner's Project Manager	Ray Billiot	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA; 225.379.1100; Ray.Billiot@la.gov				
Services commenced by this firm (mm/yy)	04/21	Total consultant contract cost ($1,000's)		$71	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$322	

PROJECT DESCRIPTION

This project consisted of lane closures and flagging operations according to Louisiana Department of Transportation & Development's guidelines.

17. Firm Experience:

Firm name	**Traffic Control Products Company of Louisiana, Incorporated**		Discipline(s)*	Traffic	
Project name	LA 23 Tunnel Job			Firm responsibility (prime or sub?)	Sub
Project number	713-01-00100 – Temporary signs and Barricades for Project H.012560	Owner's name	LADOTD		
Project location	Plaquemines Parish, LA		Owner's Project Manager	Corbett Hollier	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA; 225.379.1100; Corbett.Hollier@la.gov				
Services commenced by this firm (mm/yy)	04/21	Total consultant contract cost ($1,000's)		$322	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$322	

PROJECT DESCRIPTION

This project consisted of lane closures and flagging operations according to Louisiana Department of Transportation & Development's guidelines.

17. Firm Experience:

Firm name	**Traffic Control Products Company of Louisiana, Incorporated**		Discipline(s)*	Traffic	
Project name	US 90 @ LA 3046		Firm responsibility (prime or sub?)	Sub	
Project number	713-01-00100 – Temporary signs and Barricades for Project H.013757	Owner's name	LADOTD		
Project location	Jefferson Parish, LA		Owner's Project Manager	Kevin Rizzo	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA; 225.379.1100; Kevin.Rizzo@la.gov				
Services commenced by this firm (mm/yy)	02/21	Total consultant contract cost ($1,000's)	$190		
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$190		

PROJECT DESCRIPTION

This project consisted of lane closures and flagging operations according to Louisiana Department of Transportation & Development's guidelines.

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.

Ardaman & Associates, Inc. (Ardaman) specializes in geotechnical engineering consulting including field investigations and laboratory testing, foundation evaluation and development of design criteria, geotechnical performance monitoring, and construction quality assurance inspection and testing. Ardaman brings a wealth of experience in the transportation and infrastructure arena with our long-standing relationship with the Louisiana Department of Transportation & Development (LADOTD). Ardaman maintains offices in Baton Rouge, New Orleans, and Shreveport, Louisiana.

Ardaman has conducted geotechnical exploration and investigations for roadway and bridge foundations for many decades. From public service projects, to private, commercial, and industrial structures, we are proud of our work and the development of transportation infrastructure throughout the State.

Our Louisiana operations include a staff of 76 professionals and support personnel that perform a wide variety of geotechnical investigations each year throughout the State. Virtually all these investigations include soil borings or some other type of field exploration method, field tests, laboratory tests, geotechnical engineering analyses, report preparation, and construction phase testing and/or instrumentation installation and monitoring.

Our field and laboratory staff, working under the direction of experienced professional engineers, are adept in sampling and testing the soft soils unique to much of Louisiana and are knowledgeable of LADOTD requirements for geotechnical field exploration and laboratory testing standards and protocols.

Our geotechnical testing laboratories are operated under a certified quality assurance system implemented and maintained by engineers serving as on-site QA officers. All laboratory data is subject to quality control checks and is then processed electronically to generate soil boring logs and gINT database files in standard LADOTD format.

Each laboratory location is individually validated and/or certified by various accrediting bodies. Our Ardaman Baton Rouge laboratory is accredited by the American Association of State Highway and Transportation Officials (AASHTO) for methods under both AASHTO Materials Reference Laboratory (AMRL) and Cement and Concrete Reference Laboratory (CCRL), validated by the United States Army Corps of Engineers (USACE), and accredited by the Louisiana Environmental Laboratory Accreditation Program (LELAP) through the Louisiana Department of Environment Quality (LDEQ). All certificates pertaining to these accreditations including the appropriate scope of work under each accrediting body is included in Section 20 of this Form 24-102.

As part of maintenance of these laboratory accreditations, Ardaman's Baton Rouge laboratory staff currently includes three National Institute for Certification in Engineering Technologies (NICET) certified technicians and three American Concrete Institute (ACI) certified technicians.

Our company (and its predecessors) has been in Louisiana since 1964, and our staff has a cumulative total of more than 100 years of geotechnical investigation and design experience.

Some of our notable LADOTD project experience includes:

- I-10 CMAR: LA-415 to Essen Lane on I-10 and I-12
- I-20 Mississippi River Bridge
- I-49 Connector (Lafayette Parish, LA)
- I-10 Calcasieu River Bridge
- Rural Bridge Replacement Initiative Phase II
- I-10 Widening (LA 415 to Howard Street)
- LA 1 Improvements: Phases 1A, 1B, 1C, and 2 (Lafourche Parish, LA)
- MacArthur Interchange Completion II Route US 90Z
- MRB South GBR: LA 1 to LA 30 Connector

Ardaman has seven Louisiana Professional Engineers with specialized training and experience in geotechnical engineering. Three of our Louisiana-based engineers, as well as six of our Engineer Interns, hold Master of Science degrees in Civil Engineering (MSCE or equivalent).

We are committed to providing the LADOTD with the quality of professional and technical services with constant commitment to the health and safety of the design team, contractors, owners, and the public. We have considerable experience managing and working on contracts of this nature.

Our Louisiana personnel and equipment are available to perform the work associated with this contract in a timely and competent fashion. Company-wide staff resources include a pool of more than 450 professionals, field and support staff who fully support our efforts and are available to assist should the need arise.

We have been recognized by both government agencies and private industry as a qualified, competent firm to perform geotechnical exploration, testing, and engineering services. Our staff has performed numerous projects for LADOTD under retainer contracts, direct project contracts, and as a subconsultant. We always maintained an excellent professional relationship with the Department. We have completed numerous projects involving

exploration, laboratory testing, engineering work and construction phase testing and/or monitoring for LADOTD within budget and time constraints. We have maintained effective communication with Department personnel so that we can adapt to any changes in site conditions, procedures, or scope of work.

We are in a position to service this contract's needs responsively. There are no significant project assignments that we anticipate conflicting with Ardaman performing the requirements of this retainer contract. We will meet any reasonable project demands and will meet or exceed LADOTD's quality requirements. Our current LADOTD workload is more than 57% complete to date.

For this contract, project management, field services, laboratory testing, and engineering will be managed by our Baton Rouge office, supported as necessary by our New Orleans and Shreveport offices. Additional resources, if needed, can be brought in from Ardaman's Florida offices who have extensive experience with FDOT transportation projects.

Geotechnical Exploration and Investigations

Ardaman has more than 40 years of experience working for LADOTD conducting geotechnical investigations. Together, we have performed numerous subsurface investigations for new and/or existing transportation structures, many of which include submittal of a subsurface investigation plan, field reconnaissance (rights of entry, utility locations, access, GPS location, elevation determination, mobilization/ demobilization), water table elevations, deep soil borings, shallow roadway borings, cone penetrometer test (CPT) soundings, field resistivity imaging, geotechnical laboratory testing, development of field and laboratory results database, geotechnical analysis and design (slope stability, embankment settlement, pile foundations, drilled shaft foundations, pile-supported approach slab design, bridge foundation static and dynamic load test programs, earth retaining structures and culvert design), construction monitoring and geotechnical instrumentation installation and monitoring including developing programs detailing duration of reading, and installing and monitoring piezometers, inclinometers, Shape Accel Arrays, settlement monitoring devices and other geotechnical instrumentation in all types of surface and subsurface conditions. Constructability of any proposed solution will always be considered when completing engineering design analyses. Also, our engineers have experience with evaluating and recommending innovative remedial measures such as ground improvement, load transfer platforms, utilization of pile setup lightweight fill, surcharge and/or wick drains if necessary to meet required design goals for a project.

Ardaman is also experienced with all of the conventional boring and sampling techniques, including locating borings via GPS Latitude and Longitude, auger borings, sampling test pits, and testing and sampling utilizing the Standard Penetration Tests and Split Barrel Sampling of soils with equipment compliant with Standard Test Method for Energy Measurement for Dynamic Penetrometers. We conduct sampling using thin-walled 3-inch and 5-inch diameter (or larger) tubes and a variety of other undisturbed samplers. We also have the capability to perform *in-situ* field testing using vane shear and CPT soundings. Ardaman is a licensed water well contractor in the State of Louisiana (WWC-212) and seals boreholes in accordance with LADOTD and LADEQ regulations.

Our field services personnel consist of experienced and licensed soil boring and water well drillers. All boring spacing is conducted in accordance with the LRFD Bridge Design manual unless otherwise directed by LADOTD's Project Manager. Ardaman routinely completes projects ranging in scope from one to two soil borings to over 300 soil borings at a site. We maintain a fleet of hollow-stem and rotary drilling rigs (truck and ATV mounts) in Louisiana that possess a wide range of capabilities.

Equipment

- **ARDCO K-1000** – (2 rigs) Rigs set on all-terrain vehicles. These rigs can drill to over 200 feet in depth.
- **CME 75** – (2 rigs) These powerful hollow-stem auger rigs also have wash-boring capabilities. They are truck-mounted and can drill to over 200 feet in depth.
- **CME 550** – Buggy
- **1 Geoprobe GT3145 Geotechnical Sampling and CPT Tracked Rig**
- **Hydropunch Unit** (Geoprobe) - This small, "push-technology" rig can obtain discrete soil or groundwater samples to depths of up to 50 feet.
- **GEOTECH Electronic Cone Penetrometer** –Custom-built truck-mounted ECPT unit.
- **Airboat** – 14'x20'dual engine with top drive drill rig
- **Airboat** – single engine personnel carrier

In addition to the above, Ardaman's Florida offices possess a fleet of more than 20 truck- and ATV-mounted drilling rigs, a barge-mounted drill rig, and ground penetrating radar. *Ardaman also maintains a 20-ton ECPT rig in Orlando.*

Because of the nature of Louisiana, many projects consist of performing soil borings over water or within difficult access areas. We have extensive experience accessing soil boring locations using other types of equipment such as barges or swamp buggies in these types of conditions. Additionally, our ATV-mounted drilling equipment is ideally suited for sites with difficult access and can potentially negate or minimize the need for clearing.

Drilling and Sampling

We understand the importance of retrieving high quality undisturbed soil samples. Our field and laboratory personnel are routinely trained in techniques meant to minimize sample disturbance. These techniques are described in ASTM D-1587 as well as in various manuals. Our drilling equipment can be easily modified to handle undisturbed samples of all sizes and lengths. Many projects require non-standard samplers requiring the extrusion equipment to

be modified as well. We have successfully adapted our equipment to complete such projects when needed.

Our field personnel are experienced in performing deep soil borings according to accepted LADOTD drilling methods and sampling frequencies for cohesive and cohesionless soils.

Shallow soil borings for subgrade soil surveys will be made utilizing continuous-flight augers and samples will be either extruded in the field or extruded and tested in the laboratory depending on the soil conditions and according to LADOTD requirements.

At the completion of each soil boring, the borehole will be sealed in accordance with applicable state or local requirements. Typically, shallow borings (less than 25 feet) are backfilled using cuttings from the boreholes. For deeper borings, a bentonite or cement-bentonite slurry is typically used for borehole abandonment. Proper borehole backfilling and abandonment is a regular task for our drill crews. The top of borehole will also be surveyed to gather Latitude, Longitude and elevation to a vertical and horizontal accuracy of 6 inches or less. This information will be reported on the soil boring logs.

We are also experienced with projects requiring transport of undisturbed Shelby tube samples from the field to the lab as described in ASTM D 4220 for materials fitting the description for Group C. Sample tubes will be transported vertically in the same orientation as they were sampled, with care taken to avoid excessive temperature variation, vibration, or any other sample disturbance. Our laboratory facilities are equipped with hydraulic piston sample extruders. This method is the *only* method that we allow for extrusion – samples are never extruded by pressurized water. Samples will be extruded directly onto a sample trough and will not be caught with the hands.

Ardaman has a custom truck-mounted CPT rig built such that it can provide 20 tons of reaction. The senior technicians responsible for obtaining CPT data have experience taking pore pressure measurements using U2 location. Calibrations on all CPT probes and equipment are kept up to date. The CPT data is submitted in the required input format of LTRC's CPT-Pile software as well as in current LADOTD format.

Ardaman maintains state of the art electrical field resistivity (ER) equipment and has several field engineers and technicians trained to perform the testing and evaluate and process the data so that it can be used to supplement typical geotechnical investigation data. ER survey imaging provides a continuous, undisturbed, *in-situ* cross section of the soil stratigraphy. ER surveys allow for an efficient way of surveying subsurface conditions between boring locations and below boring depths, which can be very useful during design. We successfully implemented this technology on many LADOTD and DNR projects in the past. Our equipment consists of 56 electrodes that can provide soil electrical resistances well over 150 feet deep in favorable conditions. Automatic inversion software provides the electrical resistance profiles which are used to develop correlations to soil conditions.

Ardaman and its subcontractors have obtained the Work Zone Training for personnel as requested by LADOTD. We understand the importance of safety while performing our field investigations and will comply with all applicable LADOTD and OSHA safety protocol.

Laboratory Testing Services

Our laboratory technicians work under the direction of an experienced registered professional engineer. Our NICET certified technicians are supervised by a laboratory manager, who is also NICET certified. Daily, these technicians perform testing following appropriate AASHTO and/or ASTM standards.

Ardaman's geotechnical testing laboratories are operated under a certified quality assurance system implemented and maintained by engineers serving as on-site QA officers. All laboratory data is subject to quality control checks and is then processed electronically to generate soil boring logs and gINT database files in standard LADOTD format.

Our laboratories have the capability to perform all laboratory tests anticipated for a typical task order for this contract. Anticipated tests include:

- pH and Resistivity (ASTM G51 & AASHTO T 288)
- Classification
    - Standard Test Methods for Atterberg Limits (Liquid Limit, Plastic Limit, and Plasticity Index of Soils) (ASTM D4318)
    - Moisture content (ASTM D2216), specific gravity of soils (ASTM D854), unit weight, grain size analyses (D422 & D6913, etc.).
    - Classification of soils are conducted according to appropriate ASTM Methods: deep borings (ASTM D 2487 – USCS method) and shallow borings (AASHTO M 145).
- Strength tests (Unconsolidated-Undrained (ASTM D2850))
- Consolidation tests with rebound (ASTM D2435)
- Organic content tests (ASTM D2974)

Our laboratory also has the capability to run many other specialized tests that could greatly increase effectiveness of our engineering analyses for certain soil conditions and/or planned construction. These tests include but are not limited to:

- Strength tests (Direct Shear, Direct Simple Shear, Consolidated-Undrained Triaxial, Unconfined Compression)
- Permeability tests (constant and falling head)
- Various construction materials tests on soil, aggregate and concrete

Our Baton Rouge laboratory has the capability to perform multiple, concurrent consolidation tests with automated data acquisition. Our laboratory also maintains triaxial testing equipment capable of performing anisotropic testing including compression and extension tests with drained or undrained conditions. We are intimately familiar with LADOTD specific

laboratory testing procedures, such as dry preparation of subgrade samples for pavement soil borings and testing of 75% of all cohesive samples for strength and classification for foundation design soil borings.

Much of our laboratory data is processed electronically. Therefore, the data obtained from the laboratory testing program can be transmitted to the client in many formats. We have the ability to, and routinely do, provide full size drawings, and soil boring information (logs, profiles, etc.) using gINT or other programs (CADD) that are fully compatible with LADOTD software. We also have the capability to draft and provide soil boring and subgrade soil survey logs in current LADOTD format on full-size sheets as well as an electronic version of the logs. In addition, we can submit the gINT database file which contains all field and laboratory data electronically in the LADOTD template, along with any other requested backup documentation.

Database

Assessing the soil condition variability and determining proper soil parameters are key to any subsequent geotechnical engineering analyses. Ardaman has developed (assisted by suggestions from LADOTD) a state-of-the-art geotechnical data explorer for this specific purpose. This unique data explorer has provided Ardaman significant advantages over conventional means because it offers an automatic workflow for compiling, visualizing and statistically analyzing data obtained in the field and associated laboratory test results. With the help of the automatic workflow in the data explorer, what could take weeks to be done conventionally now can be done within a day or so. This state-of-the-art data explorer will give Ardaman and LADOTD significant technical and efficiency advantages while also minimizing the potential for error due to multiple instances of data entry.

Construction Monitoring

Ardaman has successfully provided construction monitoring of multiple transportation projects for many years. Seven of our Louisiana engineering staff have been trained to use the Pile Driving Analyzer (PDA). Our staff is well versed and trained in deep pile foundation monitoring including Wave Equation Analyses, dynamic monitoring with the PDA, analysis of PDA data utilizing CAPWAP, oversight and interpretation of static load tests and bi-directional O-cell tests, development of pile driving criteria and inspector's chart based on the test or monitor piles, and selecting final pile/shaft tip elevations based on results of load tests and/or dynamic monitoring results. Ardaman has all of the necessary PDA and static load test monitoring/instrumentation equipment. Our staff is also trained in drilled shaft foundation inspection including review of Contractor's Installation Plan, and oversight of excavation and completion of required LADOTD forms. Megan Bourgeois, P.E., and Chae Hrenyk both completed the National Highway Institute's (NHI) Drilled Shaft Inspector's training course and are certified in the full scope of inspection of the construction of drilled shafts.

Geotechnical Instrumentation

Ardaman has successfully installed, monitored, and analyzed the data for various types of instrumentation at many sites and for multiple LADOTD projects. Our field crews have experience with installing slope inclinometers, both standard and vibrating wire piezometers, ShapeAccel Arrays (SAA), groundwater monitoring wells and settlement monitoring devices for various projects. Our field technicians are also trained and have extensive experience in gathering data from all types of geotechnical instrumentation using both standard/manual equipment as well as automated and wireless technology. Our staff has experience designing, installing, and maintaining fully automated instrumentation recording and communication systems at various types of sites for various project purposes which incorporate a variety of instrumentation devices into one user-friendly web-based system. Our engineering staff and clients are then able to access this data in real-time or from past time periods for use in monitoring sites and updating design for a more accurate model of actual site conditions.

In addition, our staff has designed programs involving instrumented individual piles for compression and lateral load tests. Our Engineers have experience interpreting this data and comparing the actual soil behavior to that predicted by design.

CONCLUSION

On the preceding pages of this submittal, we have outlined firm and personnel qualifications and our experience on roadway and bridge projects. Ardaman understands the LADOTD's expectations and has a proven history of meeting the Department's needs.

Our staff is committed to providing quality, personalized professional and technical services with a constant concern for the health and safety of LADOTD and our employees, and the traveling public. We are excited to be a member of this team and are looking forward to once again being of service to LADOTD and the State of Louisiana.

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) **ALL FIRMS** MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Ardaman & Associates, Inc.	Geotech	44-4128; H.004273	I-49 Connector, Lafayette	$338,752
Ardaman & Associates, Inc.	Geotech	44-18899; H.004791	LA 23: Belle Chasse Bridge & Tunnel (HBI)	$40,897
Ardaman & Associates, Inc.	Geotech	44-19013; H.004100.5 &	I-10 CMAR Design Continuation: LA 415 TO ESSEN ON	$692,204
Ardaman & Associates, Inc.	Geotech	H.004435	I-12 to Bush Construction Phase	$47,370
Ardaman & Associates, Inc.	Geotech	44-8671; H.009266	I-10 Widening: LA 73 to LA 30	$25,760
Ardaman & Associates, Inc.	Geotech	44-19013; H.002244.5	Boudreaux Canal Bridge (LA 56)	$180
Ardaman & Associates, Inc.	Geotech	44-17438; H.013284	MRB GBR LA 1 to LA 30 Connector	$2,781
Ardaman & Associates, Inc.	Geotech	44-6189; H.004647.6	I-20 Mississippi River Bridge at Vicksburg	$1,651,052
Ardaman & Associates, Inc.	Geotech	H.015935	LA 47 @ Bayou Bienvenue Bridge Replacement PDA	$23,059
Ardaman & Associates, Inc.	Geotech	44-25025; H.015337, H.015452, H.015453, H.015454, H.015455, H.015456, H.015457, H.015458, H.015459, H.015460, H.015461, H.015462, H.015463	IIJA	$77,119
Ardaman & Associates, Inc.	Geotech	44-24652; H.014265.5	N River Road Irving Branch	$65
Ardaman & Associates, Inc.	Geotech	44-24652; H.012533.5	LA 1252 Bayou Pt Brule Bridge	$39
Ardaman & Associates, Inc.	Geotech	44-24652, H.012607.5	Henderson Bayou Bridge LA 933	$65
Ardaman & Associates, Inc.	Geotech	44-24652, H.015568.5,	Pelican Point Roundabout	$45,870
Ardaman & Associates, Inc.	Geotech	44-24652; H.012842.5	LA 124 Ext. Larto Lake	$152
Ardaman & Associates, Inc.	Geotech	44-21519; H.012030.5	KCS RR Overpasses US 371	$44,036
Ardaman & Associates, Inc.	Geotech	44-21887; H.012542, H.012453, H.012544, H.012047	Replacement of 15 Bridges	$579,165

Ardaman & Associates, Inc.	Geotech	44-6189; H.016313.5, H.016314.5, H.016315.5, H.016316.5, H.016317.5, H.016318.5, H.016319.5, H.016320.5, H.016325.5	Culvert Replacements	$187,765
Ardaman & Associates, Inc.	Geotech	H.015429, H.015430, H.015432	IIJA	$14,545
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.004634.6	Juban Rd Widening (I-12 to US 190)	$52,241
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.003184.6	I-10: Texas State Line - E. of Coone Gully	$1,188,142
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.000428.6	LA 12 Bridge Job	$62,035
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.011670	Loyola Dr/I-10 Interchange to New Airport Terminal	$1,589,003
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.010634.6-R2	US 90Z Bodenger Blvd	$419,631
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.0100017	Westbank Expwy	$53,470
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.001344	US 190: LA 437 - US 190 Bus	$301,666
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.002980.6-R1	I-10 Overpass over US 165	$346,941
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.012110	LA 68	$53,078
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.002868.6	I-49 S: Amb Caffery/US 90 Interchange	$1,097,451
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.013265.6	US 90: LA 14	$318,428
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.001799	LA 531 Overpass	$76,396
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.011721	US 190/ LA 22 Improvements	$178,686

Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.013520.6	Barringer Drive Sidewalks	$1,344
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.003047	Pecue Ln I-10	$1,261,339
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.002424	LA 70 Sunshine Bridge	$30,980
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.012863	Cyress Island	$75,819
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.013366.6	Downtown Greenwy Louisiana Connector	$896
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.011645	LA 3002: Access Management	$8,473
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.014100	LA 408	$107,579
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.005967.6	Nelson Road Extension and Bridge	$413,423
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.010673	US 90Z: Harvey Canal	$131,357
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.011137	I-12 Job	$1,452,949
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.013116	LA 20 Widen & LA 307	$113,763
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.004100	I-10 LA 415 to Essen Lane on I-10 and I-12	$3,281,308
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.012348	LA 1026 Roundabout at Eden Church Rd	$43,770
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.011808	LA 10 Palmetto Company Canal Bridge	$34,407
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.010960	LA 30 Roundabouts @ Tanger Mall	$7
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.015094	LA 35 N JCT LA 98 LA 365	$88,572

Traffic Control Products Company of Louisiana, Incorporated	Traffic	5152-03	EBR Road Rehab 18-4 Prescott - Mohican	$77,164
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.012057	LA 431	$215,458
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.015025	US 71	$84,175
Traffic Control Products Company of Louisiana, Incorporated	Traffic	19-CP-HC-0039A	McHugh Road Improvement North Phase A	$4,129
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.012058	LA 8 Forker Bridge	$28,125
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.015438	LA 928: LA 74 - LA 427	$223,658
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.016010.6	LA 22: 100' E Olde Mill Ln Howes Ln	$214,288
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.014772	US 90: Victory Rd - Forth MaComb Br	$1,280
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.014852	LA 21 CSLM 0.413 Bogalusa Cl	$323,507
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.015780	LA 3152 Huey P Airline Dr	$222,215
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.014780.6	LA 3266	$74,047
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.010155	US 90 RR Overpass	$154,459
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.015613	US 84	$47,381
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.013482	I-10 WBR Queue Warning System	$5,177
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.014846.6	LA 424 Johnny Martin Rd LA 62	$61,442
Traffic Control Products Company of Louisiana, Incorporated	Traffic		LA 1053 US 51 MS State Line	$2,500

Traffic Control Products Company of Louisiana, Incorporated	Traffic		LA 441 LA 38 MS State Line	$2,500
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.016000	LA 35 & LA 342 Road Improvements	$190,713
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.016466	Emergency Contract I-10 Calcasieu River	$205,368
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.015360	I-49 Slope Repairs	$179,823
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.015251	LA 3006	$68,311
Traffic Control Products Company of Louisiana, Incorporated	Traffic	H.015619	LA 106 US 167 Avoyelles P/L	$184,872

20. Certifications/Licenses:

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

Certifications & Licenses

AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

Ardaman & Associates, Inc.

in

Baton Rouge, Louisiana, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).

Jim Tymon,
AASHTO Executive Director

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 08/14/2025 at 3:48 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Ardaman & Associates, Inc.

in Baton Rouge, Louisiana, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	11/09/2009
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	09/17/2021
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	09/17/2021
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	12/26/2013

This certificate was generated on 08/14/2025 at 3:48 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Ardaman & Associates, Inc.

in Baton Rouge, Louisiana, USA

Soil

Standard:	Accredited Since:
T288 Minimum Soil Resistivity	01/31/2019
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	11/09/2009
D422 Particle Size Analysis of Soils by Hydrometer	11/09/2009
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/16/2016
D854 Specific Gravity of Soils	02/14/2012
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	02/14/2012
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/16/2016
D2166 Unconfined Compressive Strength of Cohesive Soil	06/16/2016
D2216 Laboratory Determination of Moisture Content of Soils	11/09/2009
D2434 Permeability of Granular Soils (Constant Head)	04/27/2022
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	02/14/2012
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	12/26/2013
D2488 Description and Identification of Soils (Visual-Manual Procedure)	12/26/2013
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	02/14/2012
D2937 Density of Soil in Place by the Drive-Cylinder Method	01/31/2019
D2974 Determination of Organic Content in Soils by Loss on Ignition	02/14/2012
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	11/09/2009
D4318 Plastic Limit of Soils (Atterberg Limits)	11/09/2009
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	01/31/2019
D4972 pH Testing of Soils	12/26/2013
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	12/26/2013
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	04/27/2022
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/31/2019

This certificate was generated on 08/14/2025 at 3:48 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Ardaman & Associates, Inc.

in Baton Rouge, Louisiana, USA

Aggregate

Standard:	Accredited Since:
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/31/2019
C127 Specific Gravity and Absorption of Coarse Aggregate	09/17/2021
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/17/2021
C136 Sieve Analysis of Fine and Coarse Aggregates	01/31/2019
C566 Total Moisture Content of Aggregate by Drying	01/31/2019
C702 Reducing Samples of Aggregate to Testing Size	01/31/2019
D75 Sampling Aggregate	01/31/2019

This certificate was generated on 08/14/2025 at 3:48 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Ardaman & Associates, Inc.

in Baton Rouge, Louisiana, USA

Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	09/17/2021
C39	Compressive Strength of Cylindrical Concrete Specimens	09/17/2021
C138	Density (Unit Weight), Yield, and Air Content of Concrete	09/17/2021
C143	Slump of Hydraulic Cement Concrete	09/17/2021
C172	Sampling Freshly Mixed Concrete	09/17/2021
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	09/17/2021
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/12/2022
C1064	Temperature of Freshly Mixed Portland Cement Concrete	09/17/2021
C1231 (6000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/17/2021

This certificate was generated on 08/14/2025 at 3:48 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Is hereby granting a Louisiana Environmental Laboratory Accreditation to

Ardaman & Associates Inc
316 Highlandia Dr
Baton Rouge, Louisiana 70810-5904

Agency Interest No. 30726
Activity No. ACC20250001

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Tonya Landry
Administrator
Public Participation and Permit Support Division

Issued Date: 10/12/2025
Effective Date: July 1, 2025
Expiration Date: June 30, 2026
Certificate Number: 02052

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2025

Ardaman & Associates Inc
AI Number: 30726
Activity No. ACC20250001
Expiration Date: June 30, 2026

316 Highlandia Dr, Baton Rouge, Louisiana 70810-5904

Certificate Number: 02052

Air Emissions

Analyte	Method Name	Method Code	Type	AB

Non Potable Water

Analyte	Method Name	Method Code	Type	AB

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1730 - Amount Of Soil Finer Than The No. 200 Sieve	ASTM D1140	3550	AASHTO	AAP
1731 - Laboratory Compaction Of Soils (Proctor Density)	ASTM D1557	3551	AASHTO	AAP
1731 - Laboratory Compaction Of Soils (Proctor Density)	ASTM D698	3561	AASHTO	AAP
1732 - Unconfined Compressive Strength Of Soil	ASTM D2166	3552	AASHTO	AAP
1734 - Classification Of Soils For Engineering Purposes (Unified Soil Classification System	ASTM D2487	3554	AASHTO	AAP
1735 - Soil Classification Visual - Manual (Field)	ASTM D2488	3555	AASHTO	AAP
1736 - Unconsolidated, Undrained Triaxial Compression	ASTM D2850	3556	AASHTO	AAP
1738 - Particle Size Analysis Of Soils	ASTM D422 63 (7)	30030854	AASHTO	AAP
1739 - Atterberg Limits of Soils	ASTM D4318	3559	AASHTO	AAP
1740 - Liquid Limit	ASTM D4318	3559	AASHTO	AAP
1741 - Plastic Limit	ASTM D4318	3559	AASHTO	AAP
1742 - Plasticity Index	ASTM D4318	3559	AASHTO	AAP
1743 - Specific Gravity Of Soils	ASTM D854	3562	AASHTO	AAP
1744 - Hydraulic Conductivity (Flexible Wall Permeameter)	ASTM D5084	3563	AASHTO	AAP
1900 - pH	ASTM D4972	3560	AASHTO	AAP
1919 - Hydraulic Conductivity	ASTM D2434	3834	AASHTO	AAP
1954 - In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	ASTM D6938	3854	AASHTO	AAP
2073 - Dry Preparation of Samples	ASTM D421	3972	AASHTO	AAP
2086 - One-Dimensional Consolidation Properties of Soils	ASTM D2435	3994	AASHTO	AAP
2439 - Hydraulic Conductivity (granular material)	ASTM D2434	3834	AASHTO	AAP
2464 - Particle Size Distribution	ASTM D6913	4324	AASHTO	AAP
3850 - Moisture content	ASTM D2216-10	30025106	AASHTO	AAP
7987 - Organic Content of Soil by Ignition	ASTM D2974-07A	30026450	AASHTO	AAP

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

ATSSA

Safer Roads Save Lives

Megan Bourgeois

has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 21-JUN-2024

CEU (If Applicable): 0.75

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

This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

ATSSA

Safer Roads Save Lives

Megan Bourgeois

has attended
National Flagger Certification Training Course

Completed: 15-AUG-2024

CEU (If Applicable): 0

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

This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

ATSSA

Safer Roads Save Lives

Robert Jewell

has attended

Louisiana Traffic Control Supervisor Refresher

Completed: 23-AUG-2024

CEU (If Applicable): 0.75

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

This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

TEMPORARY CERTIFICATE IS AWARDED TO

ROBERT JEWELL

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

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

on the following date

JUL 31, 2025

This certificate is valid for 30 days from completion date

with a government issued photo ID.

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

191-57-131750

Enter the code to verify this certificate is an original at

https://process.onlineflagger.com/duplicate

ATSSA Serial Number will show here once we process your card. Please check back here in a few days if there is no number listed below.

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jarmon King

has attended

Louisiana Traffic Control Supervisor

Training Course

11/8/2023 to 11/8/2027
Training Valid Through

Baton Rouge, LA
Location

Vice President of Education and Technical Services

President, CEO

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

ATSSA

American Traffic Safety Services Association ATSSA.com

ATSSA
SAFER ROADS SAVE LIVES

Dear Certified Flagger:

Enclosed, please find your card signifying you as an ATSSA Certified Flagger. This card should be carried and presented to employers while performing work on our nation's roadways. Please be aware that the card is not valid without a Photo I.D.

We commend you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the leader in roadway safety and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, please inform us of any errors or changes in your name or address so we may keep our records up to date.

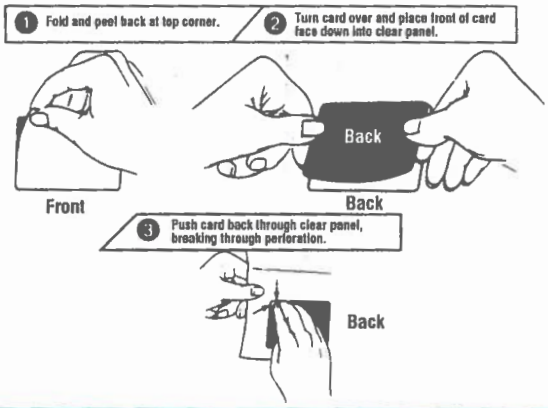
Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at www.atssa.com for additional training courses and work zone safety products.

Sincerely,

Donna M. Clarke

VP of Education and Technical Services

Laminating the front of your card with Dual Laminate:



ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

JARMON KING

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 5/29/2024
Exp. Date 5/29/2028
State Issued LA

Debbie Purcella
Instructor Name
Debbie Purcella
Instructor Signature

V0000258173 Verify at Flagger.com

American Traffic Safety Services Association
15 Riverside Parkway, Suite 100 • Fredericksburg, VA 22406-1077
Office: 540-368-1701 • Toll-Free: 800-272-8772 • Fax: 540-368-1717
www.atssa.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Casey Floyd

has attended

Louisiana Traffic Control Supervisor

Training Course

9/6/2023 to 9/6/2027
Training Valid Through

Baton Rouge, LA
Location

Vice President of Education and Technical Services

President, CEO

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

ATSSA

American Traffic Safety Services Association ATSSA.com

ATSSA
SAFER ROADS SAVE LIVES

Dear Certified Flagger:

Enclosed, please find your card signifying you as an ATSSA Certified Flagger. This card should be carried and presented to employers while performing work on our nation's roadways. Please be aware that the card is not valid without a Photo I.D.

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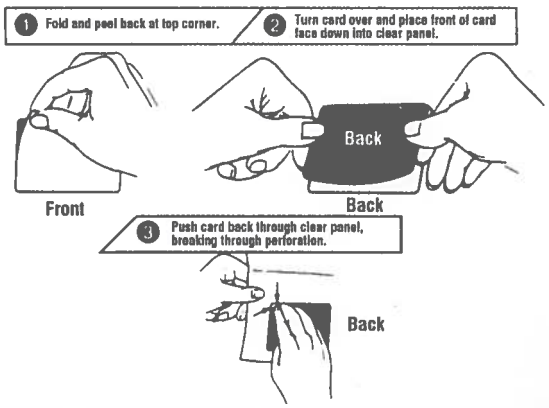
Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at www.atssa.com for additional training courses and work zone safety products.

Sincerely,

Donna M. Clarke

VP of Education and Technical Services

Laminating the front of your card with Dual Laminate:



ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

CASEY FLOYD

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 6/4/2024
Exp. Date 6/4/2028
State Issued LA

Debbie Purcella
Instructor ~~Name~~
Debbie Purcella
Instructor Signature

V0000258342
Verify at Flagger.com

American Traffic Safety Services Association
15 Riverside Parkway, Suite 100 • Fredericksburg, VA 22406-1077
Office: 540-368-1701 • Toll-Free: 800-272-8772 • Fax: 540-368-1717
www.atssa.com

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
ARDAMAN & ASSOCIATES, INC.	Business Corporation (Non-Louisiana)	ORLANDO	Active

Previous Names

Business: ARDAMAN & ASSOCIATES, INC.
Charter Number: 34396031F
Registration Date: 12/13/1991

Domicile Address

8008 SOUTH ORANGE AVENUE
ORLANDO, FL 32809

Mailing Address

3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Principal Business Office

8008 SOUTH ORANGE AVENUE
ORLANDO, FL 32809

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

316 HIGHLANDIA DR.
BATON ROUGE, LA 70816

Status

Status: **Active**

Annual Report Status:	**In Good Standing**
Qualified:	12/13/1991
Last Report Filed:	11/19/2024
Type:	Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent:	C T CORPORATION SYSTEM
Address 1:	3867 PLAZA TOWER DR.
City, State, Zip:	BATON ROUGE, LA 70816
Appointment Date:	12/13/1991

Officer(s)

Additional Officers: No

Officer:	MOHAMAD AL-HAWAREE
Title:	President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	DAN L. BATRACK
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	WILLIAM R. BROWNLIE
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	STEVEN M. BURDICK
Title:	Treasurer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	FRANCIS K. CHEUNG
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	ERNEST A. COX, III

Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	CHARLES H. CUNNINGHAM
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	ROBERT E. DODSON
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	JOHN E. GARLANGER
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	VIRGINIA A. GOFF
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	RODRIGO HOME
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	ASHBY HOOVER
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	PRESTON HOPSON
Title:	Secretary
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	EVELIO N. HORTA
Title:	Vice-President

Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	THOMAS S. INGRA
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	ROBERT E. JEWELL
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	COLIN T. JEWSBURY,
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	RICHARD A. LEMMON
Title:	Vice-President, Director
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	THOMAS J. LETO
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	JASON P. MANNING
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	MARTIN E. MILLBURG
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	JASON M. PARKER
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.

City, State, Zip:	PASADENA, CA 91107

Officer:	ASHRAF H. RIAD
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	REINALDO ROLO
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	ROBERT E. ROUSSET
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	BRIAN D. RUNKLES
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	RAJENDRA K. SHRESTHA
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	IVAN SOKOLIC
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	MICHAEL WILSON
Title:	Vice-President
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	MARK ZRALLACK
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	AMR SALLAM
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	ETHAN DREW
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	EVELIO HORTA JR.
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	IRFAN RIYAJ
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Officer:	JEYISANKER MATHIYAPARANAM
Title:	Officer
Address 1:	3475 E. FOOTHILL BLVD.
City, State, Zip:	PASADENA, CA 91107

Amendments on File (7)

Description	Date
Stmt of Chg or Chg Prin Bus Off	2/1/1993
Revoked	3/21/2003
Reinstatement	12/31/2003
Stmt of Chg or Chg Prin Bus Off	1/29/2008
Disclosure of Ownership	8/21/2008
Merger	9/22/2009
Stmt of Chg or Chg Prin Bus Off	10/18/2015

Print

ARDAMAN & ASSOCIATES, INC.

Unique Entity ID	CAGE / NCAGE	Purpose of Registration
QL4JXK7UV9K1	**559D4**	**All Awards**
Registration Status	Expiration Date	
Active Registration	**Jan 28, 2026**	
Physical Address	Mailing Address	
316 Highlandia DR **Baton Rouge, Louisiana 70810-5904** **United States**	**316 Highlandia DR** **Baton Rouge, Louisiana 70810-5904** **United States**	

Business Information

Doing Business as	Division Name	Division Number
(blank)	**(blank)**	**(blank)**
Congressional District	State / Country of Incorporation	URL
Louisiana 06	**Florida / United States**	**(blank)**

Registration Dates

Activation Date	Submission Date	Initial Registration Date
Feb 3, 2025	**Jan 28, 2025**	**Jul 23, 2008**

Entity Dates

Entity Start Date	Fiscal Year End Close Date
Jan 1, 2007	**Sep 30**

Immediate Owner

CAGE	Legal Business Name
078E8	**TETRA TECH, INC.**

Highest Level Owner

CAGE	Legal Business Name
(blank)	**(blank)**

Executive Compensation

Registrants in the System for Award Management (SAM) respond to the Executive Compensation questions in accordance with Section 6202 of P.L. 110-252, amending the Federal Funding Accountability and Transparency Act (P.L. 109-282). This information is not displayed in SAM. It is sent to USAspending.gov for display in association with an eligible award. Maintaining an active registration in SAM demonstrates the registrant responded to the questions.

Proceedings Questions

Registrants in the System for Award Management (SAM.gov) respond to proceedings questions in accordance with FAR 52.209-7, FAR 52.209-9, or 2. C.F.R. 200 Appendix XII. Their responses are displayed in the responsibility/qualification section of SAM.gov. Maintaining an active registration in SAM.gov demonstrates the registrant responded to the proceedings questions.

Exclusion Summary

Active Exclusions Records?

No

SAM Search Authorization

I authorize my entity's non-sensitive information to be displayed in SAM public search results:

Yes

Entity Types

Business Types

Entity Structure	Entity Type	Organization Factors
Corporate Entity (Not Tax Exempt)	**Business or Organization**	**(blank)**
Profit Structure		
For Profit Organization		

Socio-Economic Types

Check the registrant's Reps & Certs, if present, under FAR 52.212-3 or FAR 52.219-1 to determine if the entity is an SBA-certified HUBZone small business concern. Additional small business information may be found in the SBA's Dynamic Small Business Search if the entity completed the SBA supplemental pages during registration.

Financial Information

Accepts Credit Card Payments	Debt Subject To Offset
Yes	**No**

EFT Indicator	CAGE Code
0000	**559D4**

Points of Contact

Electronic Business

JASON PARKER

8008 S Orange AVE
Orlando, Florida 32859
United States

JASON PARKER

8008 S Orange AVE
Orlando, Florida 32859
United States

Government Business

JASON PARKER

8008 S Orange AVE
Orlando, Florida 32859
United States

JASON PARKER

8008 S Orange AVE
Orlando, Florida 32859
United States

Past Performance

JASON PARKER

8008 S Orange AVE
Orlando, Florida 32859
United States

JASON PARKER

8008 S Orange AVE
Orlando, Florida 32859
United States

Service Classifications

NAICS Codes

Primary	NAICS Codes	NAICS Title
Yes	**541330**	**Engineering Services**
	541380	**Testing Laboratories And Services**
	541620	**Environmental Consulting Services**

Disaster Response

This entity does not appear in the disaster response registry.

Certifications & Licenses

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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

Jeff Landry, Governor
Joe Donahue, Secretary

April 3, 2025

Traffic Control Products Co., of LA, Inc.
Attn: Suzanne Albin
2230 Tower Street
Denham Springs, LA 70726

Dear Suzanne Albin,

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

NC237310 – Highway, Street and Bridge Construction
NC238110 – Poured Concrete Foundation and Structure Contractors
NC238120 – Structural Steel and Precast Concrete Contractors
NC238990 – All Other Specialty Trade Contractors
015 – Supply of Signs and Pavement Markings
202 – Removal or Relocating Structures and Obstructions
704 – Guardrails
706 – Concrete Walks, Drives and Incidental Paving
713 – Temporary Traffic Control
727 – Mobilization
729 – Permanent Signs
735 – Mailboxes and Mailbox Supports
D02 – Barrier Cables

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

You will be required to submit a **Declaration of Eligibility** with Gross receipts **(i.e. all income-related portions of signed federal tax returns, audited financial statements or a CPA's signed attestation of correctness and completeness)** stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **February 28, 2026**. However, should you not receive notification from this office for your Declaration of Eligibility; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

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

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

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

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

Respectfully,

Rhonda Wallace

Rhonda Wallace
DBE/SBE Programs Manager

Enclosure (Certificate)

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

Traffic Control Products Co of LA, Inc.

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

NC237310, NC238110, NC238120, NC238990

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

Certificate Eligibility: February 2025 to February 2026

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
TRAFFIC CONTROL PRODUCTS COMPANY OF LOUISIANA, INCORPORATED	Business Corporation	DENHAM SPRINGS	Active

Previous Names

Business: TRAFFIC CONTROL PRODUCTS COMPANY OF LOUISIANA, INCORPORATED
Charter Number: 32336170D
Registration Date: 9/18/1978

Domicile Address

2230 TOWER DRIVE
DENHAM SPRINGS, LA 70726

Mailing Address

C/O SUZANNE ALBIN, PRESIDENT
2230 TOWER DRIVE
DENHAM SPRINGS, LA 70726

Principal Office Address

2230 TOWER DRIVE
DENHAM SPRINGS, LA 70726

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 9/18/1978
Last Report Filed: 8/19/2024
Type: Business Corporation

Registered Agent(s)

Agent: W DAVID MANCUSO, ATTORNEY
Address 1: 18212 EAST PETROLEUM DRIVE
Address 2: STE 1 - C
City, State, Zip: BATON ROUGE, LA 70809
Appointment Date: 7/30/2025

Officer(s)

Additional Officers: No

Officer: SUZANNE ALBIN
Title: Treasurer, Director, President, Secretary
Address 1: 2230 TOWER DRIVE

City, State, Zip:	DENHAM SPRINGS, LA 70726

Officer:	BRAD ALBIN
Title:	Vice-President
Address 1:	2230 TOWER DRIVE
City, State, Zip:	DENHAM SPRINGS, LA 70726

Mergers (1)

Filed Date	Effective Date:	Type	Charter#	Chater Name	Role
1/22/2015	**1/22/2015**	**MERGE**	**32336170D**	**TRAFFIC CONTROL PRODUCTS COMPANY OF LOUISIANA, INCORPORATED**	**SURVIVOR**
			34115904D	TRAFFIC CONTROL PRODUCTS COMPANY OF NEW ORLEANS, INC.	NON-SURVIVOR

Amendments on File (8)

Description	Date
Amendment	6/22/1979
Domicile, Agent Change or Resign of Agent	4/24/1998
Amendment	1/13/2010
Appointing, Change, or Resign of Officer	12/12/2014
Merger	1/22/2015
Appointing, Change, or Resign of Officer	2/18/2015
Domicile, Agent Change or Resign of Agent	3/9/2015
Domicile, Agent Change or Resign of Agent	7/30/2025

Print

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Devyn Albin

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

3/11/2022 to 3/11/2026
Training Valid Through

Director of Training

Denham Springs, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

21. **QA/QC Plan:**

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

N/A

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 (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	**Address**	**Point of Contact and email address**	**Phone Number**
Traffic Control Products Company of Louisiana, Incorporated	2230 Tower Street Denham Springs, LA 70726	Suzanne Albin suzanne@tcpofla.com	225-665-7950

23. Location:

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement**.