

STATEMENT OF QUALIFICATIONS

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

CONTRACT NO.
4400035404
IDIQ CONTRACT FOR
PROFESSIONAL
HYDROGRAPHIC
SURVEYING SERVICES
(SOUTH REGION)
STATEWIDE

JUNE 11, 2026





DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised August 11, 2025)

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

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

1. Contract Name as shown in the advertisement	IDIQ Contract for Professional Hydrographic Surveying Services (South Region) Statewide
2. Contract Number(s) as shown in the advertisement	4400035404
3. State Project Number(s), if shown in the advertisement	Not applicable
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	C. H. Fenstermaker & Associates, L.L.C.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	LA EF.0000311 (Engineering) LA VF.0000154 (Survey)
6. Prime consultant mailing address	P.O. Box 52106 Lafayette, LA 70505
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	135 Regency Square Lafayette, LA 70508
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Travis Bodin, Chief Operating Officer (337) 237-2200 travisb@fenstermaker.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Angelle Guilbeau, Chief Administrative Officer (337) 237-2200 angelleg@fenstermaker.com

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

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



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:

Date: June 10, 2026

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):
NO DBE GOAL

Firm(s)' %:
0

**12. Discipline Table:**

Sub-consultants are not allowed to be used for this proposal. Fill in the table by identifying only those disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, and the percentage of work in each discipline to be performed. The percentage estimated for each discipline is for evaluation purposes only and will not control the actual performance or payment of the work.

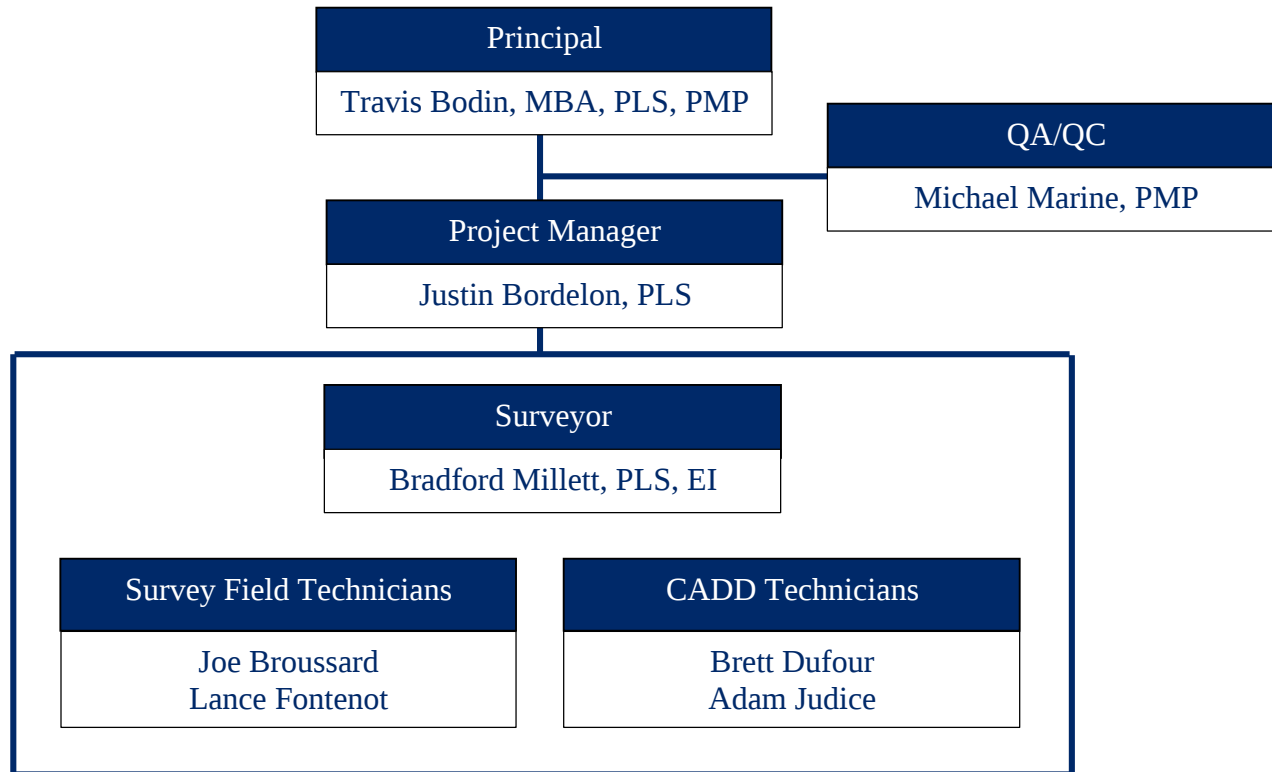
Discipline	% of Overall Contract
Survey	100%

**13. Team Size:**

Firm name	DOTD Job Classification	Number of personnel <u>committed to this contract</u>	Total number of personnel available in this DOTD Job Classification (if needed)
C.H. Fenstermaker & Associates, L.L.C.	Principal	1	1
	Surveyor	1	6
	Supervisor - Other	1	5
	Senior Technician	1	3
	Technician	1	13
	CADD Technician	1	5
	Other – Hydrographic Specialist	1	3
	Other – Remote Sensing Specialist	1	5



14. Organizational Chart:



**15. Minimum Personnel Requirements:**

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Travis Bodin, MBA, PLS, PMP	C. H. Fenstermaker & Associates, L.L.C.	PLS.0005067	LA	03/31/2028
2	Justin Bordelon, PLS	C. H. Fenstermaker & Associates, L.L.C.	PLS.0005271	LA	03/31/2028

16. Staff Experience:

Firm employed by				C. H. Fenstermaker & Associates, L.L.C.			
Name		Travis Bodin, MBA, PLS, PMP		Years of relevant experience with this employer		22	
Title		Chief Operating Officer, Survey		Years of relevant experience with other employer(s)		1	
Degree(s) / Years / Specialization				B.S. / 2004 / Industrial Technology MBA / 2021 / Business Administration			
Active registration number / state / expiration date				PLS.0005067 / LA / 03-31-2028			
Year registered		2011		Discipline		Professional Land Surveyor	
Contract role(s) / brief description of responsibilities				Mr. Bodin will serve as Principal. Satisfies MPR 1.			
		Mr. Bodin is Chief Operating Officer at Fenstermaker and a Professional Land Surveyor with over 23 years of experience leading hydrographic, bathymetric, topographic, and coastal surveying programs throughout Louisiana. He provides executive oversight and quality assurance for hydrographic survey operations, including side scan sonar investigations, bathymetric mapping, navigation channel assessments, shoreline stabilization projects, marsh creation programs, and coastal monitoring initiatives. His experience includes survey planning, geodetic control, data validation, and delivery of survey products supporting transportation, coastal restoration, navigation, and water resources projects.					
07/20–01/21		Port of Lake Charles: Post Hurricane Laura & Delta Survey (Calcasieu Parish, LA) Served as Project Principal and Professional in Charge for side scan sonar and bathymetric surveys performed following Hurricanes Laura and Delta. Provided technical oversight and QA/QC review of hydrographic survey activities supporting the identification of water bottom conditions, debris, and potential hazards to navigation.					
04/21–07/21		LSU University Lakes Project (East Baton Rouge Parish, LA) Served as Survey Principal and Professional in Charge for bathymetric and stump identification surveys supporting the rehabilitation of six lakes surrounding the LSU campus. Directed survey planning, quality management, and review of hydrographic deliverables generated through remote sensing and conventional survey methods.					
03/13–02/14		Maurepas Freshwater Diversion and West Lake Shore Pontchartrain Reaches 16-19 (St. John The Baptist Parish, LA) Served as Survey Principal and Professional in Charge for survey data collection supporting the Maurepas Freshwater Diversion and West Lake Shore Pontchartrain flood protection projects. Provided oversight of survey methodology, quality control procedures, and final survey deliverables supporting hydraulic and flood protection design.					
02/20–12/20		Delacroix Marsh Creation and Terracing (BS-37) Project, Breton Sound (St. Bernard Parish, LA) Served as Survey Principal and Professional in Charge for topographic, bathymetric, and hydrographic surveys supporting marsh creation and terracing improvements. Directed survey planning, quality assurance, and review of survey deliverables associated with access corridors, pipeline corridors, borrow areas, and related geophysical investigations.					
06/19–06/19		CARE (CDBG) Rockefeller Refuge Gulf Shoreline Stabilization (ME-37) (Cameron Parish, LA) Served as Survey Principal and Professional in Charge for survey services supporting shoreline stabilization improvements along the Gulf shoreline. Provided technical oversight and QA/QC review of topographic and bathymetric survey data supporting breakwater extension design.					

12/16–06/19	Island Road Marsh Creation and Nourishment (TE-117) (Terrebonne Parish, LA) Served as Survey Principal and Professional in Charge for bathymetric surveys supporting marsh creation and nourishment improvements. Directed survey quality management and review of bathymetric deliverables associated with access routes, borrow areas, and conveyance corridors.
07/19–01/20	Elevation Maintenance for a Subset of the Coastwide Reference Monitoring System (CRMS) and CWPPRA Monitoring Stations (Multiple Coastal Parishes, LA) Served as Survey Principal and Professional in Charge for elevation maintenance surveys supporting CRMS and CWPPRA monitoring stations throughout the Louisiana Coastal Zone. Provided oversight of GPS/RTK survey operations, elevation control methodologies, and QA/QC review of NAVD88-referenced deliverables.
10/18–02/20	Cameron Parish Shoreline Protection (Cameron Parish, LA) Served as Survey Principal and Professional in Charge for shoreline protection projects supporting survey and geotechnical investigations along Long Beach, Little Florida Beach, and Rutherford Beach. Directed survey quality assurance activities and review of survey deliverables supporting shoreline protection planning and design.
04/22–11/23	Louisiana Terminal Site Topographic Survey and Utility Mapping (St. Bernard Parish, LA) Served as Survey Principal and Professional in Charge for topographic, bathymetric, utility mapping, and magnetometer survey services supporting development of a proposed port terminal facility. Provided technical oversight and QA/QC review of survey data, utility investigations, mapping products, and final deliverables supporting conceptual design and permitting efforts.

16. Staff Experience:

Firm employed by		C. H. Fenstermaker & Associates, L.L.C.		
Name	Justin Bordelon, PLS		Years of relevant experience with this employer	20
Title	Manager, Surveyor		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B.S. / 2009 / Business Administration	
Active registration number / state / expiration date			PLS.0005271 / LA / 03-31-2028	
Year registered	2021	Discipline	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities			Mr. Bordelon will serve as Project Manager. Satisfies MPR 2.	
		Justin Bordelon, PLS is a Professional Land Surveyor in Louisiana. His initial surveying work included performing underwater acoustic investigations and hydrographic surveys. As he gained more experience, Mr. Bordelon became Fenstermaker’s underwater acoustic investigation manager and worked on many projects, including an inspection of over 100 bridges for the Louisiana Department of Transportation and Development. He then became a Survey Crew Manager and managed crews in Lafayette, Shreveport and Midland, Tx. Mr. Bordelon currently coordinates and supervises activities of field and office personnel for remote sensing projects. He also acts as Project Manager and assists with pre-project planning, post-data collection analysis and preparing deliverables. Additionally, he is responsible for client interaction and coordination.		
01/12–05/14		Underwater Acoustic Imaging for Bridge Inspection Statewide (Louisiana) Served as Manager for underwater acoustic imaging inspections of 72 state-maintained bridges throughout Louisiana. Responsibilities included management of field personnel and equipment and oversight of the quality and accuracy of underwater acoustic and RTK GPS survey data collection activities.		
08/18–09/18		Hydrographic Survey on the Mississippi River at the Mereaux Fleet Site (Orleans Parish, LA) Served as Project Manager for recurring hydrographic surveys along the Mississippi River at the Mereaux Fleet Site utilizing a CB100 single beam echosounder. Responsibilities included coordination of single-beam bathymetric survey activities, data processing and review, and preparation and submission of client deliverables.		
05/20–05/20		Chevron Pipeline Waterway Crossing Multibeam Surveys (Plaquemines Parish, LA) Served as Underwater Acoustic Project Manager for multibeam pipeline waterway crossing surveys conducted across the Mississippi River for Chevron Pipeline Company. Responsibilities included acoustic remote sensing support, data review and qualification, and oversight of multibeam survey activities.		
03/13–04/13		ALDOT Duncan Bridge UAI Inspection (Winston County, AL) Served as Project Manager for an underwater acoustic investigation of the Duncan Bridge over the Sipsey River utilizing a sector scanning sonar system. Responsibilities included mobilization of personnel and equipment, imaging and profiling bridge piers, processing survey data, creating MicroStation mosaics, and preparing client deliverables.		
06/10–06/10		Sunshine Bridge Underwater Acoustic Survey (St. James Parish, LA) Served as Survey Technician for an underwater acoustic imaging investigation of the Sunshine Bridge pier protection systems near Donaldsonville, Louisiana. Responsibilities included imaging bridge piers, processing collected survey data, revising AutoCAD exhibits, and reviewing deliverables submitted to LADOTD.		

05/23–06/23	LA Hydro Multibeam and LiDAR Survey (Avoyelles Parish, LA) Served in a technical support role for a multibeam and LiDAR survey of the Sidney A. Murray Jr. Power Station dam and river embankments. Responsibilities included setup of survey crew infopak files, coordination of project kickoff activities, processing collected survey data, and preparation of client deliverables
04/19–05/19	Port of Lake Charles City Docks Survey (Bulk Terminal 1 Bathymetric Surveys) (Calcasieu Parish, LA) Managed field survey crews and quality control activities for bathymetric surveys at multiple dock facilities within the Port of Lake Charles utilizing a single-beam dual-frequency echosounder. Responsibilities included review of survey data and maps/plats and assistance with field bathymetric survey operations.
06/10–06/20	Lake Pontchartrain Shoreline Protection (St. John the Baptist & Tangipahoa Parishes, LA) Assisted with project management and hydrographic survey activities for shoreline protection projects along Lake Pontchartrain in St. John the Baptist and Tangipahoa Parishes. Responsibilities included support of hydrographic and topographic field surveys, side scan sonar survey efforts, and cursory environmental site investigations.
08/13–10/13	Cote Blanche Bay Site Investigation (St. Mary Parish, LA) Served as Project Manager and Lead Field Technician for a remote sensing underwater hydrographic survey in West Cote Blanche Bay supporting construction activities near an existing barge dock facility. Responsibilities included coordination of field survey activities, support of hydrographic data processing, and preparation of survey deliverables.
09/15–09/15	Winston County Commission & ALDOT Underwater Acoustic Imaging of Four Structures (BIN 9371, BIN 7442, BIN 7453, and BIN 7374) on Lewis-Smith Lake (Winston County, AL) Served as Underwater Acoustic Imaging Lead Field Technician and Survey Technician for underwater inspections of four bridge structures in Winston County, Alabama. Responsibilities included acoustic imaging of submerged bridge piers, collection of RTK GPS-correlated survey data, and support of data processing and acoustic imagery mosaic development for reporting.
11/19–04/20	Third Coast Midstream - Hurricane Barry NTL & DOC Survey Served as Project Manager for post-Hurricane Barry hydrographic surveys of pipeline corridors in Vermilion Bay, West Cote Blanche Bay, East Cote Blanche Bay, and the Gulf of Mexico. Responsibilities included supervision of field and office activities associated with side scan sonar, magnetometer, echosounder, and RTK survey operations.
04/22–09/23	Louisiana Terminal Site Topographic Survey and Utility Mapping (St. Bernard Parish, LA) Served as Project Manager for topographic survey, utility mapping, bathymetric, and magnetometer survey services supporting a port terminal project in St. Bernard Parish. Responsibilities included coordination of site visits, project planning and scheduling, review of survey control networks, coordination of field crews, review of collected survey data, preparation of reports, and oversight of final project deliverables.

16. Staff Experience:

Firm employed by		C. H. Fenstermaker & Associates, L.L.C.		
Name	Michael Marine, PMP		Years of relevant experience with this employer	8
Title	Director, Pipeline & Advanced Technologies		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization			B.S. / 2008 / Business Administration Management in Information Systems	
Active registration number / state / expiration date			Not Applicable	
Year registered	Not Applicable	Discipline	Not Applicable	
Contract role(s) / brief description of responsibilities			Mr. Marine will perform QA/QC on project deliverables.	
	Mr. Marine is a PMP-certified project manager with over 20 years of experience supporting multidisciplinary project delivery. He provides oversight of project performance, including cost control, scheduling, and quality assurance . His experience includes managing survey, mapping, and infrastructure projects, with a focus on ensuring coordination, consistency, and timely delivery of project outputs.			
11/24–ongoing	Meta Platforms AI Data Center Survey Services (Richland Parish, LA) Served in a project management and coordination role supporting full-service survey services for Meta’s AI Data Center campus development. Supported project execution through participation in survey control planning, utility and construction coordination meetings, safety and compliance documentation, deliverable reviews, and ongoing communication with project team members and client representatives.			
07/25–ongoing	Meta Platforms AI Data Center Construction Layout and As-Built Services for Power Delivery (Richland Parish, LA) Served in a project management role supporting construction layout and as-built survey services for power delivery infrastructure associated with Meta’s AI Data Center campus. Performed data and deliverable reviews, coordinated as-built planning efforts, and supported quality management processes to facilitate timely delivery of survey services for substation and power delivery infrastructure improvements.			
09/23–11/25	Mont Belvieu to Beaumont Pipeline Project (Chambers, Jefferson, and Liberty Counties, TX) Served as Project Manager supporting topographic, hazard, boundary, and mapping services for a pipeline infrastructure project in southeast Texas. Performed review of alignment sheets, plats, permit drawings, as-built information, and technical deliverables to support quality management objectives and successful delivery of survey and mapping services.			
03/23–04/24	Barataria Bay Pipeline and Oyster Assessment (Jefferson Parish, LA) Served in a project management role supporting survey and oyster assessment services for TC Energy’s ELXP Pipeline and associated barge routes in coastal Louisiana. Performed review of plats, mapping deliverables, alignment information, and project documentation to support quality management and successful delivery of survey and environmental assessment services.			
11/25–ongoing	Nighthawk CCS Pre-FEED Project (St. Landry Parish, LA) Served as Project Manager supporting pipeline routing, survey, GIS, and geospatial data services for the Nighthawk Carbon Capture and Storage (CCS) Pre-FEED Project. Performed review of mapping, survey, routing, and geospatial deliverables to support quality management objectives and facilitate project decision-making during pre-FEED development.			

11/22–08/25	Dolet Hills ALTA Survey (DeSoto Parish, LA) Served as Project Manager supporting survey services for the Dolet Hills Solar Project, a utility-scale solar development located on a former coal mine site in northwest Louisiana.. Provided review and quality management of survey deliverables, title commitments, plats, mapping products, and technical documentation while supporting project decision-making and schedule requirements.
02/24–05/25	EXLP Lateral Pipeline Construction Support (Plaquemines Parish, LA) Served as Project Manager supporting survey and construction services for an approximately 8-mile, 30-inch pipeline project in Plaquemines Parish, Louisiana. Performed review of survey data, crossing documentation, alignment sheets, stationing reports, mapping products, and as-built deliverables to support quality management objectives and project requirements.
02/26–ongoing	Calpine North CO2 De-Risking Project (Chambers and Liberty Counties, TX) Served as Project Manager supporting pipeline routing, GIS integration, and geospatial planning services for the Calpine North CO2 De-Risking Project. Performed review of routing alternatives, mapping products, GIS deliverables, and final route documentation while supporting project decision-making and delivery of geospatial information to project stakeholders.
06/21–07/21	Source Project Group MS River LiDAR & Multibeam Surveys (St. John the Baptist Parish, LA) Served as Project Manager for LiDAR and multibeam survey services supporting terminal development. Performed QA/QC on project deliverables and provided updates to the client. Supported project coordination and data review efforts.
04/22–ongoing	JDEC 230kV (Jefferson Davis Parish, LA) Served as Project Manager for survey and mapping services supporting a transmission line project. Managed cost control, scheduling, and resource allocation. Oversaw project execution and coordination to support delivery of project deliverables.
10/19–06/20	M2E4 Pipeline Project (San Antonio, TX) Served in a survey and project management support role for a 178-mile pipeline project in San Antonio, Texas. Responsibilities included tracking survey controls, performing quality control reviews on plats, and supporting project management and mapping activities.
02/22–ongoing	Darrow Blue Energy Project (St. James and St. John the Baptist Parishes, LA) Served as Commercial Manager for survey and mapping services supporting a pipeline project. Managed cost control, scheduling, and resource allocation. Supported project management and coordination efforts across the project team.
07/20–08/20	Big Hill LE2 Raw Water and Brine Pipeline Video (Jefferson County, TX) Served as Project Manager for pre-construction video and GPS documentation services along a 10.5-mile pipeline corridor in Jefferson County, Texas. Responsibilities included coordination of field activities supporting right-of-way video documentation and project deliverables.
04/19–06/19	M2E - ECHO Pipeline Project (Georgetown, TX) Supported boundary and topographic survey services for a proposed 221-mile pipeline corridor in Georgetown, Texas. Responsibilities included assisting with project controls, project management support tasks, and coordination of survey deliverables associated with right-of-way and infrastructure mapping activities.

16. Staff Experience:

Firm employed by				C. H. Fenstermaker & Associates, L.L.C.			
Name		Bradford Millett, PLS, EI		Years of relevant experience with this employer		13	
Title		Surveyor		Years of relevant experience with other employer(s)		0	
Degree(s) / Years / Specialization			B.S. / 2014 / Civil Engineering				
Active registration number / state / expiration date			PLS.0005245 / LA / 03-31-2027 EI.0032848 / LA / 09-30-2026				
Year registered		PLS – 2020 EI – 2016	Discipline	Professional Land Surveyor Engineer Intern			
Contract role(s) / brief description of responsibilities				Ms. Millett will serve as a Professional Land Surveyor.			
		Ms. Millett is a Professional Land Surveyor and Engineer Intern with experience supporting transportation, infrastructure, industrial, utility, and port development projects throughout Louisiana. Her responsibilities include field crew coordination, survey data collection and processing, preparation of boundary and right-of-way plats, utility coordination, project management support, and development of survey deliverables. She has experience supporting roadway improvement projects, bridge replacement programs, industrial developments, and port facility projects. Ms. Millett is also responsible for proposal preparation efforts supporting Fenstermaker’s Engineering, Advanced Technologies, and Surveying Divisions.					
03/20–11/21		Hanks Drive /Landis Drive Pedestrian Improvements, Phase 1 & 2 (East Baton Rouge Parish, LA) Supported topographic surveys and right-of-way services for the Hanks Drive and Landis Drive Pedestrian Improvements projects in accordance with LADOTD and MovEBR standards. Responsibilities included survey data processing, field crew coordination, establishment of project control, preparation of LADOTD deliverables, and development of CAD files supporting engineering design.					
02/22–ongoing		Spanish Trail Industrial Park Access Road (St. Martin Parish, LA) Oversaw topographic survey activities supporting the Spanish Trail Industrial Park Access Road project. Responsibilities included coordination with BNSF Railway, utility coordination through LA One Call, and processing and review of survey data and project deliverables.					
05/17–07/22		LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA) Served as Lead Surveyor for roadway improvement activities associated with the LA 675 Roundabout at the Acadiana Airport Access Roadway project. Responsibilities included coordination of survey services supporting construction plans, roadway improvements, and acquisition document preparation.					
02/18–01/19		Louisiana Avenue Detention Facility (Calcasieu Parish, LA) Coordinated survey activities supporting the Louisiana Avenue Detention Facility project. Responsibilities included field crew coordination, utility location and marking support, review of abstract exhibits, processing survey data, and revision of topographic base mapping.					
05/15–08/17		Coach Williams Drive Extension & Roundabout (Calcasieu Parish, LA) Coordinated topographic and boundary survey activities for the Coach Williams Drive Extension and Roundabout project in Calcasieu Parish. Responsibilities included review of appraisal reports and plats, survey data processing, and coordination with utility companies along the proposed roadway corridor.					
07/13–03/23		Kaliste Saloom Road Widening & Intersection Improvements - LA3073 to LA733 (Lafayette Parish, LA) Supported topographic and boundary survey services for the Kaliste Saloom Road Widening and Intersection Improvements project.					

	Responsibilities included utility relocation support, preparation of right-of-way plats, as-built surveys, drainage design support, and coordination of field survey crews for Phases 3A and 3B.
06/14–05/18	Sasol LCCP-Heavy Haul Road (LA378 & LA739) (Calcasieu Parish, LA) Performed topographic and boundary data collection and survey data processing supporting the Sasol LCCP Heavy Haul Road project. Responsibilities included preparation of LADOTD right-of-way maps and coordination of utility relocations along the proposed corridor.
04/22–08/22	Louisiana Terminal Site Topographic Survey and Utility Mapping (St. Bernard Parish, LA) Supported topographic survey and utility mapping services for a port terminal development project. Responsibilities included site visits, coordination of utility survey activities, review of survey reports, and support of project deliverables.
09/23–06/25	First Solar Plant Site Development Survey Services (Iberia Parish, LA) Served as Professional in Charge for survey activities supporting development of the First Solar manufacturing facility. Responsibilities included preparation of survey packets, coordination of field survey crews, processing and updating survey data, and finalization of AutoCAD deliverables.
06/23–03/26	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 (Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Martin, St. Mary, and Vermilion Parishes, LA) Supported survey services for the LADOTD IIJA Off-System Bridge Program District 03 involving replacement planning for 14 bridges across multiple Louisiana parishes. Responsibilities included coordinating field survey crews, processing survey data, reviewing boundary and topographic information and control sketches, and preparing survey deliverables supporting LADOTD project development.

16. Staff Experience:

Firm employed by				C. H. Fenstermaker & Associates, L.L.C.			
Name		Joe Broussard		Years of relevant experience with this employer		12	
Title		Senior Survey Technician		Years of relevant experience with other employer(s)		11	
Degree(s) / Years / Specialization			B.A. / 2003 / Creative Writing				
Active registration number / state / expiration date			Not Applicable				
Year registered		Not Applicable		Discipline		Not Applicable	
Contract role(s) / brief description of responsibilities				Mr. Broussard will serve as a Survey Field Technician.			
				Mr. Broussard is a Senior Survey Technician with extensive experience supporting hydrographic, bathymetric, underwater acoustic imaging, and coastal restoration projects. He serves as a lead technician for hydrographic data collection activities and has expertise operating Leica 1” Robotic Total Stations, high-speed terrestrial laser scanning systems, RTK-GPS systems, underwater acoustic imaging sonar/profilers, side scan sonar, multibeam systems, single-beam echosounders, and pipeline location devices. His experience includes hydrographic surveying, bathymetric mapping, underwater investigations, coastal restoration projects, shoreline protection initiatives, utility location surveys, and geospatial data processing throughout the Gulf Coast region.			
02/20–12/20		Delacroix Marsh Creation and Terracing (BS-37) (St. Bernard Parish, LA) Served as Lead Hydrographic Technician supporting bathymetric, side scan sonar, magnetometer, and sub-bottom profile surveys for the Delacroix Marsh Creation and Terracing project. Responsibilities included survey planning, field coordination, hydrographic data processing, and preparation of CPRA LASARD deliverables.					
11/19–02/20		Third Coast Midstream - Hurricane Barry NTL & DOC Survey Supported hydrographic surveys following Hurricane Barry for pipeline corridors located in Vermilion Bay, West Cote Blanche Bay, East Cote Blanche Bay, and the Gulf of Mexico. Responsibilities included preparation of survey pre-plots and crew information packages, processing side scan sonar, magnetometer, bathymetric, and GPS data, reviewing side scan sonar data, preparing anomaly and contact reports, and drafting project reports.					
09/15–02/16		Aransas Pass Ferry Landings Multi-Beam Survey (Aransas Pass, TX) Served as Lead Technician for a multibeam survey of the north and south ferry landings in Aransas Pass, Texas. Responsibilities included hydrographic data collection activities and quality control of bathymetric and side scan sonar data acquired using the Edgetech 6205 Multi-Beam System and Applanix POS M/V System.					
11/20–02/21		New Orleans Outfall Canals Survey (SLFPA) (Orleans Parish, LA) Served as Survey Technician supporting multibeam and LiDAR surveys of the New Orleans Outfall Canals for erosion detection and monitoring efforts. Responsibilities included coordination with the Flood Protection Authority, scheduling field crews, conducting LiDAR surveys utilizing drone technology, processing survey data, and supporting project deliverable generation.					
08/15–08/15		Barge Wreckage Investigation (Cameron Parish, LA) Performed underwater remote sensing investigations associated with sunken barges in West Cameron Block 2 utilizing multibeam sonar and shallow seismic sub-bottom profiling systems. Responsibilities included operation of multibeam and sub-bottom profiler systems and processing field data and survey notes.					

06/23–06/23	LA Hydro Multibeam and LiDAR Survey (Avoyelles Parish, LA) Supported a multibeam and LiDAR survey of the Sidney A. Murray Jr. Power Station dam and river embankments. Responsibilities included side scan sonar and backscatter data processing supporting underwater bathymetric and sonar imaging investigations.
10/15–12/15	Winston County Underwater Acoustic Imaging Bridge Inspections (Winston County, AL) Served as Lead Acoustic Technician for underwater acoustic imaging inspections of bridge pier systems at four bridge structures in Winston County, Alabama. Responsibilities included acoustic data collection activities, field quality control, processing acoustic imagery, and preparation of acoustic imaging plats for client submittal.
10/20–10/20	Port of Lake Charles Post Hurricane Laura & Delta Survey (Calcasieu Parish, LA) Served as Hydrographic Crew Chief for post-hurricane bathymetric and side scan sonar surveys supporting navigation hazard assessments within the Port of Lake Charles. Responsibilities included hydrographic data collection, bathymetric survey operations, and post-processing of bathymetric and side scan sonar datasets.
10/15–11/15	DRS Marine, Inc. – SMUD-Loon Lake Penstock Inspection Served as Lead Acoustic Technician for an underwater acoustic imaging inspection of a 1,000-foot vertical shaft penstock at the Loon Lake Camino Power Plant. Responsibilities included collecting acoustic imaging data utilizing a Kongsberg Mesotech remote-sensing imaging sonar/profiler, processing acoustic imagery, and preparing acoustic imaging plats for client submittal.
01/16–01/16	McComb Spillway Bridge Erosion Monitoring (St. Charles Parish, LA) Supported specialized underwater acoustic imaging services for erosion monitoring adjacent to bridge pile foundation trestle supports. Responsibilities included mobilizing survey crews, performing acoustic imaging and monitoring activities, and processing survey data and imagery.
12/15–02/16	Cross Lake Dam Spillway and Water Intake Structure Multi-Beam Survey and Underwater Acoustic Imaging Investigation (Caddo Parish, LA) Served as Lead Acoustic Technician for an underwater acoustic imaging investigation and multibeam survey supporting evaluation of rehabilitation needs at Cross Lake Dam. Responsibilities included leading hydrographic and acoustic data collection activities.
01/16–02/16	Wax Lake Outlet Bulkhead Acoustic Survey (St. Mary Parish, LA) Served as Lead Acoustic Technician for an acoustic multibeam profiling and imaging investigation of the Wax Lake Outlet Channel. Responsibilities included hydrographic and acoustic data collection activities associated with evaluation of a failed bulkhead structure.
04/17–04/17	Bathymetric Surveys at 3 Existing Docks (Calcasieu Parish, LA) Supported bathymetric surveys at Port of Lake Charles dock facilities utilizing a single-beam dual-frequency echosounder. Responsibilities included collection of geotechnical and bathymetric survey data supporting evaluation of existing water bottom conditions adjacent to port facilities.

16. Staff Experience:

Firm employed by				C. H. Fenstermaker & Associates, L.L.C.			
Name		Lance Fontenot		Years of relevant experience with this employer		20	
Title		UAS Manager		Years of relevant experience with other employer(s)		0	
Degree(s) / Years / Specialization			A.S. / 2006 / Survey & Drafting				
Active registration number / state / expiration date			Not applicable				
Year registered		Not applicable		Discipline		Not applicable	
Contract role(s) / brief description of responsibilities			Mr. Fontenot will serve as a Survey Field Technician.				
				Mr. Fontenot is a UAS Manager in Fenstermaker’s Advanced Technologies Division with over 20 years of survey experience supporting hydrographic, topographic, LiDAR, photogrammetric, and remote sensing projects throughout Louisiana and the Gulf Coast region. He leads UAV field operations, supervises field personnel, and manages data processing activities for LiDAR, photogrammetry, and geospatial deliverables. Mr. Fontenot serves as the lead Unmanned Aircraft Systems (UAS) and High-Definition Scanning (HDS) survey technician and provides technical guidance for field operations, data processing, and quality control activities. His experience includes hydrographic survey support, coastal restoration projects, shoreline protection initiatives, bridge investigations, topographic surveys, and large-scale infrastructure projects utilizing UAV, LiDAR, GPS, sonar, and conventional survey technologies.			
08/20–09/20		Maurepas Freshwater Diversion and West Lake Shore Pontchartrain Reaches 16-19 (St. John the Baptist Parish, LA) Served as a UAS and LiDAR Specialist and Survey Technician for the Maurepas Freshwater Diversion and West Lake Shore Pontchartrain survey project. Responsibilities included conducting UAV LiDAR data collection flights, processing LiDAR data and orthorectified imagery, and preparing orthomosaic deliverables supporting project survey activities.					
02/12–08/13		Underwater Acoustic Imaging for Bridge Inspection (Louisiana Statewide) Served as Lead Survey Technician for statewide underwater acoustic imaging bridge inspections of 72 state-maintained bridges throughout Louisiana. Responsibilities included supporting underwater acoustic inspection activities utilizing RTK GPS-correlated remote sensing systems for evaluation of submerged bridge pier components.					
12/20–01/21		New Orleans Outfall Canals Survey (Orleans Parish, LA) Served as Survey Technician for multibeam and LiDAR surveys supporting erosion detection and monitoring efforts within the New Orleans Outfall Canals. Responsibilities included processing LiDAR data, supporting survey data reduction activities, and preparing project deliverables.					
05/23–06/23		LA Hydro Multibeam and LiDAR Survey (Avoyelles Parish, LA) Served as a UAS and Remote Sensing Specialist supporting a multibeam and LiDAR survey of the Sidney A. Murray Jr. Power Station dam and river embankments. Responsibilities included LiDAR and GPS data collection, data processing, preparation of washout photography documentation, and support of project deliverables.					
06/22–06/22		Louisiana Terminal Site Topographic Survey and Utility Mapping (St. Bernard Parish, LA) Served as a UAS and LiDAR Specialist and Survey Technician supporting topographic survey and utility mapping services for a Port of New Orleans terminal development project. Responsibilities included UAV mission planning, collection of LiDAR and photogrammetry data, and processing of GPS, LiDAR, and photogrammetric datasets.					
06/23–07/23		Rockefeller Wildlife Refuge – Hurricane Rita Surveys (Cameron Parish, LA) Supported LiDAR and conventional RTK surveys for levee assessments at Rockefeller Wildlife Refuge. Responsibilities included collection and processing of drone-based LiDAR data, coordination of UAV survey activities, and preparation of project data deliverables.					

01/18–06/18	Oyster Bayou Marsh Creation Project (CS-59) (Cameron Parish, LA) Supported UAV survey and geospatial data processing activities for the Oyster Bayou Marsh Creation Project. Responsibilities included georectifying imagery, processing point cloud data, extracting surfaces along transect lines, preparing water and vegetation masks, revising acreage calculations, conducting site reconnaissance, and performing UAV flight operations.
07/21–09/21	Henderson Lake Dixie Pipeline Spoil Bank Hydrologic Restoration (St. Landry & St. Martin Parishes, LA) Supported aerial LiDAR data acquisition and processing activities for this CPRA hydrologic restoration project. Responsibilities included UAV flight planning, LiDAR and GPS data collection, processing cross-section data, and creating project surfaces utilizing sonar, LiDAR, and RTK survey data.
06/19–07/19	CARE (CDBG) Rockefeller Refuge Gulf Shoreline Stabilization (ME-37) (Cameron Parish, LA) Supported UAV survey activities for shoreline stabilization improvements along the Gulf shoreline. Responsibilities included planning and conducting UAV flight operations and collecting aerial imagery supporting project survey efforts.
03/19–03/19	Cameron Parish Shoreline Stabilization: Long Beach, Little Florida Beach, and Rutherford Beach (Cameron Parish, LA) Served as UAS Coordinator supporting shoreline protection survey activities. Responsibilities included planning and conducting UAV flyovers, collecting aerial imagery, and supporting survey data collection efforts for project design activities.
07/13–07/13	West LaRose Bridge Survey (Lafourche Parish, LA) Supported topographic and high-definition laser scanning surveys of the West LaRose Vertical Lift Bridge. Responsibilities included field survey activities, collection of bridge clearance information, processing survey data, and supporting project deliverables.
06/10–10/12	Inner Harbor Navigation Canal, GIWW Barge, and Bayou Bienvenue Lift Gate Projects (Orleans Parish, LA) Supported high-order survey and laser scanning services for major navigation infrastructure projects. Responsibilities included performing laser scan surveys, processing collected data, and preparing as-built deliverables supporting construction activities.
12/10–12/10	Lake Pontchartrain Shoreline Protection (Tangipahoa & St. John the Baptist Parishes, LA) Supported topographic and hydrographic survey efforts for shoreline protection projects along Lake Pontchartrain. Responsibilities included topographic survey support and data collection activities associated with shoreline protection design and engineering.

16. Staff Experience:

Firm employed by		C. H. Fenstermaker & Associates, L.L.C.		
Name	Brett Dufour		Years of relevant experience with this employer	20
Title	Survey 360 Technician		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			A.S. / 2004 / Civil, Surveying & Mapping Technology	
Active registration number / state / expiration date			Not Applicable	
Year registered	Not Applicable	Discipline	Not Applicable	
Contract role(s) / brief description of responsibilities			Mr. Dufour will serve as a CADD Technician.	
		Mr. Dufour is a Survey 360 Technician with extensive experience processing survey data and preparing deliverables for hydrographic, bathymetric, LiDAR, acoustic imaging, topographic, route, geodetic control, and boundary survey projects. He is responsible for processing RTK field data, preparing plat information, assembling pre-survey data, and developing mapping and CAD deliverables supporting projects performed by Fenstermaker’s Advanced Technologies Division. Mr. Dufour is proficient in data processing associated with Underwater Acoustic Imaging (UAI), High-Definition Surveying (HDS), Dimensional Control (DC), hydrographic surveying, terrestrial laser scanning, and LiDAR technologies.		
01/22–03/22	New Orleans Outfall Canals Survey (Orleans Parish, LA) Served as Survey Technician supporting combined topographic and multibeam bathymetric surveys of the 17th, London, and Orleans Outfall Canals. Responsibilities included processing survey data and creating surface models, wall point clouds, and bare earth models utilizing multibeam and LiDAR datasets supporting erosion detection and monitoring activities.			
11/19–02/20	Third Coast Midstream - Hurricane Barry NTL & DOC Survey Supported hydrographic surveys for pipeline corridor investigations following Hurricane Barry. Responsibilities included preparation of pre-plot plans, processing and review of survey data, revision of maps, compilation of AutoCAD files, preparation of deliverable spreadsheets, and development of pipeline detail maps.			
06/23–06/23	LA Hydro Multibeam and LiDAR Survey (Avoyelles Parish, LA) . Served as Survey Technician supporting LiDAR and multibeam survey services at the Sidney A. Murray Jr. Power Station dam and river embankments. Responsibilities included development of surface models from LiDAR and multibeam datasets and preparation of plans and cross-section sheets supporting project deliverables.			
11/21–11/23	Underwater Acoustic Imaging for Bridge Inspection (Statewide) Supported statewide underwater acoustic imaging bridge inspections for 72 state-maintained bridges throughout Louisiana. Responsibilities included processing and analysis of acoustic survey data and preparation of detail drawings supporting inspection reports and bridge assessment deliverables.			
08/20–09/21	Maurepas Freshwater Diversion and West Lake Shore Pontchartrain Reaches 16-19 (St. John The Baptist Parish, LA) Supported survey data processing and deliverable preparation for the Maurepas Freshwater Diversion and West Shore Lake Pontchartrain project. Responsibilities included processing field and LiDAR data, creating ground point clouds, digital terrain models, multibeam surfaces, 2-D linework, and drafting project deliverables.			

05/17–11/17	Port of New Orleans: Poland Street Under Wharf Acoustic Survey (Orleans Parish, LA) Supported under-wharf acoustic imaging surveys for the Poland Street Wharf facility. Responsibilities included importing acoustic imagery into AutoCAD, creating plats, and exporting 3D polylines supporting bathymetric and under-wharf condition evaluations.
04/22–07/22	Terminal Site Topographic Survey and Utility Mapping (Orleans Parish, LA) Supported topographic survey, utility mapping, bathymetric survey, and magnetometer survey activities for a terminal development project. Responsibilities included processing collected survey data, creating bare earth models, and extracting linework and features from LiDAR and photogrammetry datasets.
04/21–06/21	LSU University Lakes Project (East Baton Rouge Parish, LA) Supported bathymetric and stump identification surveys for the LSU University Lakes Project. Responsibilities included creation and analysis of digital terrain model surfaces, review of project deliverables and mapping products, and processing of field survey data.
01/18–12/18	Port Aggregates, Inc.: Underwater Imaging Survey of Calcasieu ship channel & adjacent dock and pier terminals in the vicinity of Port Aggregates and the BT-4 terminal (Calcasieu Parish, LA) Supported underwater acoustic imaging investigations of the Calcasieu Ship Channel and adjacent terminal facilities. Responsibilities included preparation of plats and aerial mapping products supporting evaluation of terminal and channel conditions.
08/17–09/17	Port of Lake Charles: Bathymetric Survey Bulk Terminal 1 (Calcasieu Parish, LA) Served as Survey Technician supporting bathymetric surveys utilizing single-beam and multibeam technologies. Responsibilities included development and updating of surface models, incorporation of additional survey data, and preparation of cross-section deliverables.

16. Staff Experience:

Firm employed by				C. H. Fenstermaker & Associates, L.L.C.			
Name		Adam Judice		Years of relevant experience with this employer		18	
Title		Survey Technician		Years of relevant experience with other employer(s)		0	
Degree(s) / Years / Specialization			B.S. / 2007 / General Studies				
Active registration number / state / expiration date			Not Applicable				
Year registered		Not Applicable		Discipline		Not Applicable	
Contract role(s) / brief description of responsibilities			Mr. Judice will serve as a CADD Technician.				
		Mr. Judice is a Survey Technician with extensive experience processing survey data and preparing plans, plats, profiles, exhibits, and mapping deliverables supporting hydrographic, bathymetric, coastal restoration, dredging, pipeline, and infrastructure projects. His responsibilities include daily processing of collected field data, preparation of coastal project plans, development of associated plats and exhibits, coordinate conversions, database management, survey control processing, and preparation of project deliverables. Mr. Judice also manages level data processing for multiple subsidence monitoring surveys and supports data management activities for large-scale survey programs.					
12/20–03/21		New Orleans Outfall Canals Surveys (Orleans Parish, LA) Served as Survey Technician supporting combined topographic and multibeam bathymetric surveys of the 17th, London, and Orleans Outfall Canals. Responsibilities included processing survey data and soundings, revising plans, plats, cross sections, and profiles, and reviewing survey control information.					
12/19–02/20		Third Coast Midstream - Hurricane Barry NTL & DOC Survey Supported hydrographic surveys for pipeline corridor investigations following Hurricane Barry in Vermilion Bay, West Cote Blanche Bay, East Cote Blanche Bay, and the Gulf of Mexico. Responsibilities included processing collected survey data and preparing pipeline details, pipeline plans, and associated KML and SHP deliverables.					
05/24–08/25		Calcasieu-Sabine Large-Scale Marsh & Hydrologic Restoration (CS-0087.B) Served as Survey Technician supporting the Calcasieu-Sabine Large-Scale Marsh and Hydrologic Restoration Project. Responsibilities included processing survey data, creating CSV files, converting coordinates, importing survey information into SQL databases, processing static control files, and preparing survey data deliverables.					
02/20–11/20		Delacroix Marsh Creation Project (BS-0037) (St. Bernard Parish, LA) Supported topographic, bathymetric, and hydrographic survey activities for the Delacroix Marsh Creation Project. Responsibilities included processing collected field data and preparing marsh creation plans and associated plats supporting coastal restoration efforts.					
12/21–04/22		CRMS Elevation Survey Update CPRA 2021 (Acadia, Calcasieu, Cameron, Iberia, Jefferson Davis, and St. Mary Parishes, LA) Served as Survey Technician supporting the CPRA Coastwide Reference Monitoring System (CRMS) Elevation Survey Update. Responsibilities included updating basin and CRMS reports, revising monument sheets, processing level data, and maintaining project survey spreadsheets.					
08/18–08/18		Hydrographic Survey on the Mississippi River at the Mereaux Fleet Site (Orleans Parish, LA) Supported recurring hydrographic surveys at the Mereaux Fleet Site. Responsibilities included preparing detail maps for field crews, analyzing sounding data, and creating survey profiles from single-beam echosounder data.					



05/23–06/24	Northeast Turtle Bay Marsh Creation Extension (BA-258) (Jefferson Parish, LA) Served as Survey Technician supporting the Northeast Turtle Bay Marsh Creation Extension Project. Responsibilities included processing survey data, creating CSV files, converting coordinates, importing data into SQL databases and MicroStation, processing static survey control files, collecting bathymetric data, and mapping pipelines for project deliverables.
09/19–06/21	Cameron Parish Shoreline Protection (Cameron Parish, LA) Supported survey services for shoreline protection projects in Cameron Parish. Responsibilities included processing survey data and assisting with preparation of shoreline restoration plans, permit plans, proposal plans, construction plans, plats, and cut-and-fill calculations.
05/21–04/25	Vermilion River Spot Dredging (Lafayette Parish, LA) Supported survey services for dredging and underwater hazard identification activities along the Vermilion River. Responsibilities included processing Hypack data, magnetometer data, and spot core sample information supporting dredging and geotechnical investigations.
05/20–09/20	Long Point Bayou Marsh Creation Project (Cameron Parish, LA) Supported survey and drafting services for the Long Point Bayou Marsh Creation Project. Responsibilities included preparation of marsh creation plans, associated plats, and USACE plan deliverables supporting coastal restoration activities.
02/22–10/22	DD6 HEC-RAS Survey Support Project (Jefferson County, TX) Supported survey services for development of a HEC-RAS drainage model. Responsibilities included processing survey data, converting coordinates, and importing processed information into MicroStation and project SQL databases.
07/13–12/19	Aegis 52-Mile Louisiana Pipeline Project (Ascension, Iberia, and St. Martin Parishes, LA) Supported survey services for a 52-mile pipeline corridor project. Responsibilities included processing survey field notes, reviewing processed survey data, converting coordinates, and importing survey control and point data into project databases and cloud-based systems.

17. Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.		Discipline(s)*	Survey
Project name	IDIQ Underwater Acoustic Imaging for Bridge Inspection Statewide		Firm responsibility (prime or sub?)	Prime
Project number	DOTD P.O. No. 005365.5	Owner's name	Louisiana Department of Transportation and Development	
Project location	Statewide Louisiana		Owner's Project Manager	Haylye G. Brown, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, (225) 379-1500, haylye.brown@la.gov			
Services commenced by this firm (mm/yy)	11/11	Total consultant contract cost (\$1,000's)		\$3,378
Services completed by this firm (mm/yy)	10/14	Cost of consultant services provided by this firm (\$1,000's)		\$1,802

Project Description: Fenstermaker was contracted to provide Underwater Acoustic Imaging (UAI) services for the underwater bridge inspection of pier systems for **72 state-maintained bridges**. The project scope consisted of an underwater acoustic inspection and evaluation of the submerged components of the piers utilizing a multi-axis, steered beam imaging and profiling remote sensing system with all acoustic data correlated to a Real Time Kinematic (RTK) GPS positioning system.

The purpose of the inspection and evaluation was to identify and locate any major damage or deterioration of the pier structures along with a detailed localized inspection of any observed anomalies using both the acoustic imaging system and dive inspection; and to identify any localized scour impact or erosion of the surrounding water bottom. The data was then processed, and mosaics of the acoustic imagery were generated and included in a report that also documented the findings and recommendations resulting from the UAI and dive inspections. Fenstermaker also performed a component of the federally mandated, 5-year periodic inspection of the underwater substructure supporting the Interstate 310 Bridge over the Mississippi River in Luling and the 6-mile Interstate 10 Bridges, East bound and west bound, over Lake Pontchartrain at New Orleans, Louisiana.

Fenstermaker deployed two field crews across simultaneous deployments. Typical mobilization timeline was one day. One to two bridges were completed per mobilization in one week, depending on bridge size. Fenstermaker collected repeatable bathymetric and imaging data around bridge substructures for comparison against previous inspections and evaluation of scour, sediment movement, and structural conditions; and performed equipment checks, control verification, and in the field processing to ensure adequate data collection.

Key Personnel: Justin Bordelon | Lance Fontenot | Brett Dufour

Equipment Details

- Kongsberg 1171 Series Sector Scanning Sonar
- Sector Scanning and Profiling
- 24-foot Scully Crew Boat
- Kongsberg MS1000 Software

Survey Control

- Datum: NAVD88, NAVD88
- Benchmark recovery process
- RTK Workflow
 - Setup base station on known port
 - Connect rover via radio
 - Ensure rover has fixed solution
- Horizontal/vertical control methods:
 - Occupy known control point
 - Verify horizontal and vertical coordinates are within tolerance

Deliverables

- Hydrographic charts
 - Profiles for each pier and water bottom to detect scour
 - Sidescan sonar imagery of the water bottom and piers.
- CAD/Microstation outputs
 - Plan and profiles for each bridge
- Field notes
- Annotated imagery
- Underwater inspection reporting for the LADOTD Bridge Maintenance Department

17. Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.		Discipline(s)*	Survey
Project name	New Orleans Outfall Canals Surveys		Firm responsibility (prime or sub?)	Prime
Project number	Not applicable	Owner's name	South Louisiana Flood Protection Authority East	
Project location	Orleans Parish, LA		Owner's Project Manager	Roger Colwell
Owner's address, phone, email	6920 Franklin Avenue, New Orleans, LA 70122, (504) 286-3106, RColwell@floodauthority.org			
Services commenced by this firm (mm/yy)	11/20	Total consultant contract cost (\$1,000's)		\$615
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$615

Project Description: Fenstermaker supported the Southeast Louisiana Flood Protection Authority in developing a repeatable, safe, and cost-effective survey methodology for monitoring erosion and scour within the 17th Street, Orleans, and London Outfall Canals, critical components of the Hurricane Storm Damage Risk Reduction System. Fenstermaker was responsible for delivering a seamless topographic and multibeam bathymetric survey of the canal corridors, levees, and floodwalls to establish a high-accuracy baseline for long-term monitoring and analysis.

Fenstermaker planned and executed an integrated survey approach using an Unmanned Surface Vehicle (USV) equipped with multibeam sonar and an Unmanned Aerial System (UAS) for LiDAR data collection. Field efforts were coordinated closely with the Flood Protection Authority to address access limitations, shallow water conditions, debris, and aquatic vegetation. Survey crews established and verified horizontal and vertical control, coordinated overlapping topographic and bathymetric data acquisition, and implemented QA/QC procedures to ensure data consistency across platforms. Fenstermaker oversaw all office processing, including point cloud integration, surface model development, and preparation of deliverables suitable for erosion analysis and future repeat surveys.

The **integrated survey reduced field data collection time by approximately 40%** compared to conventional methods while producing a high-definition, high-accuracy surface model of canal bottoms, levees, and floodwalls. The dataset now serves as a baseline for biennial monitoring and post-storm assessments, enabling early identification of erosion and scour and reducing long-term data collection costs for the Flood Protection Authority.

Key Personnel: Justin Bordelon | Brett Dufour | Joe Broussard | Lance Fontenot | Adam Judice

Waterbody Extents

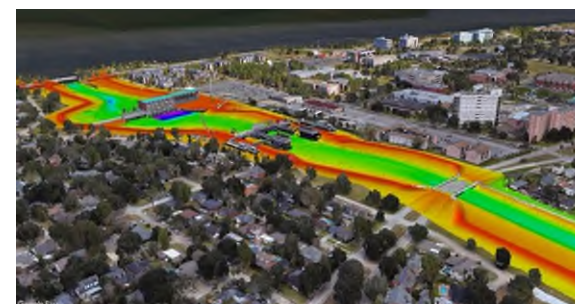
- Approximately 8 miles covered across all three canals
- Approximately 317.2 acres across all three canals
- Three canal reaches: 17th Street Canal, Orleans Canal, and London Canal

Hydrographic Equipment

- Multibeam system: Norbit STX iWBMS with Applanix IMU
- LiDAR platform: Snoopy A-Series with Velodyne HDL-32E remote sensor
- UAV model/platform: Skyfront Perimeter 8 (LiDAR acquisition), DJI M30 (Photogrammetry acquisition)
- Positioning system: Trimble R12i, Leica GS16, and GS18
- Acquisition software: Hypack Hysweep

Cross Sections

- 17th Street Canal – 19 total
- Orleans Canal – 21 total
- London Canal – 27 total



17. Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.		Discipline(s)*	Survey
Project name	LA Hydro Multibeam and LiDAR Survey		Firm responsibility (prime or sub?)	Sub
Project number	Not applicable	Owner's name	Underwater Acoustics International (UAI), LLC	
Project location	Avoyelles Parish, LA		Owner's Project Manager	Alan Day
Owner's address, phone, email	P.O. Box 311, Youngsville, Louisiana 70592 (833) 472 6662 alan@uaisolutions.com			
Services commenced by this firm (mm/yy)	05/23	Total consultant contract cost (\$1,000's)		\$25.68
Services completed by this firm (mm/yy)	08/23	Cost of consultant services provided by this firm (\$1,000's)		\$25.68

Project Description: Brookfield Renewable U.S. advanced a detailed condition assessment of the Sidney A. Murray Jr. Hydroelectric Power Station to evaluate dam, embankment, and riverbed conditions and identify potential erosion or structural concerns.

As a subconsultant to Underwater Acoustics International (UAI), Fenstermaker was tasked with performing above-water LiDAR and underwater hydrographic surveys to supplement UAI's comprehensive 2D and 3D sonar investigation of submerged dam features.

Fenstermaker conducted an integrated survey program combining multibeam sonar bathymetry, aerial LiDAR, and side-scan/backscatter sonar. Multibeam bathymetric data were collected to develop a detailed digital elevation model (DEM) of the tailrace and outflow channel. Aerial LiDAR was used to generate a high-resolution DEM of the above-water portions of the dam and adjacent shoreline within the survey limits. Side-scan and backscatter sonar data were collected to image the downstream river bottom and embankments and assembled into a single sonar image mosaic.

Collected LiDAR and bathymetric datasets were processed to produce cross-section sheets, bathymetry maps, and backscatter imagery maps. The survey results were integrated with UAI's underwater imaging data and compared to a similar investigation completed at the site in 2020.

The combined datasets identified potential underwater erosion at ten areas of interest along the dam embankment and river bottom, providing Brookfield Renewable and project engineers with actionable information to support asset management, risk evaluation, and future maintenance planning.

Key Personnel: Justin Bordelon | Joe Broussard | Brett Dufour | Lance Fontenot

Equipment Details

- Multibeam model: Norbit STX iWBMS with Applanix IMU
- Side scan sonar model: Edgetech 4125 Side Scan Sonar
- LiDAR platform: Snoopy A-Series with Velodyne HDL-32E remote sensor
- Acquisition software: Hypack/Hysweep, Edgetech Discover

Survey Area Metrics

- Area covered: approximately 300 acres
- River/channel lengths: approximately 10,000 feet
- Number of embankments: 2

Datum/Control

- RTK workflow
 - Setup base station on known point
 - Connect rover via radio
 - Ensure rover has fixed solution
- Benchmark usage: Existing benchmark on dam
- Vertical datum: NAVD88
- Horizontal datum: NAVD 83 HARN

Deliverables

- Bathymetric surfaces: Bathymetric and LiDAR point clouds in LAS format
- CAD sheets: Plan and profile sheets
- Sonar mosaics: Sidescan sonar and Backscatter mosaics in TIFF format
- Cross sections: 19
- Change detection exhibits
- GIS deliverables

17. Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.		Discipline(s)*	Survey
Project name	Hurricane Barry Notice to Lessees and Operators (NTL) & Depth of Cover (DOC) Survey		Firm responsibility (prime or sub?)	Prime
Project number	Not applicable	Owner's name	Third Coast Midstream	
Project location	Iberia, St. Mary, and Vermilion Parishes, LA		Owner's Project Manager	Thomas Garrett
Owner's address, phone, email	P O Box 1227, Houston, TX 77251, (346) 241-3400, garretttm@garrettsubsea.omnicrosoft.com			
Services commenced by this firm (mm/yy)	11/19	Total consultant contract cost (\$1,000's)		\$214
Services completed by this firm (mm/yy)	04/20	Cost of consultant services provided by this firm (\$1,000's)		\$201

Project Description: To support Third Coast Midstream's Hurricane Barry response efforts, Fenstermaker performed hydrographic, Notice to Lessees and Operators (NTL), and Depth of Cover (DOC) surveys for pipeline assets located within Vermilion Bay, West Cote Blanche Bay, East Cote Blanche Bay, and the Gulf of Mexico. The project was completed in accordance with post-hurricane inspection requirements for affected offshore and coastal pipeline infrastructure.

Fenstermaker conducted hydrographic investigations utilizing a marine survey vessel equipped with side scan sonar, magnetometer, and positioning systems to inspect pipeline tie-ins, crossings, and pipeline corridors. Survey operations were performed to identify exposed pipelines, evaluate pipeline conditions following Hurricane Barry, and document potential impacts to pipeline infrastructure within the affected area. Two parallel side scan sonar survey lines were acquired along pipeline corridors to provide overlapping coverage and support identification of exposed pipeline segments.

For pipelines located in 15 feet of water or less, Fenstermaker performed Depth of Cover investigations to identify and document potential hazards to navigation. Exposed pipeline segments were investigated through field probing at established intervals until adequate cover conditions were confirmed. Survey data were processed and compiled to identify exposed pipeline locations and support project reporting requirements. Project deliverables included hydrographic survey mapping, side scan sonar and magnetometer data compilation, CAD deliverables, GIS-compatible files, and final survey reporting documenting pipeline conditions and areas of exposure.

Key Personnel: Justin Bordelon | Brett Dufour | Joe Broussard | Adam Judice

Equipment Details

- Side scan sonar model: Edgetech 4125 Side Scan Sonar
- Magnetometer model: Geometrics 882 Marine Magnetometer
- Echosounder type: CV100
- Vessel configuration: Towed magnetometer, side mounted side scan sonar and single beam transducer
- Acquisition software: Hypack for navigation and acquisition

17. Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.		Discipline(s)*	Survey
Project name	ALDOT Duncan Bridge UAI Inspection		Firm responsibility (prime or sub?)	Prime
Project number	Not applicable	Owner's name	Alabama Department of Transportation - ALDOT	
Project location	Winston County, AL		Owner's Project Manager	Jeff Huner, P.E.
Owner's address, phone, email	515 Traffic Operations Drive, Montgomery, LA 36110, Jeff Huner, (334) 242-6206, hunerj@dot.state.al.us			
Services commenced by this firm (mm/yy)	03/13	Total consultant contract cost (\$1,000's)		\$16.41
Services completed by this firm (mm/yy)	05/13	Cost of consultant services provided by this firm (\$1,000's)		\$16.41

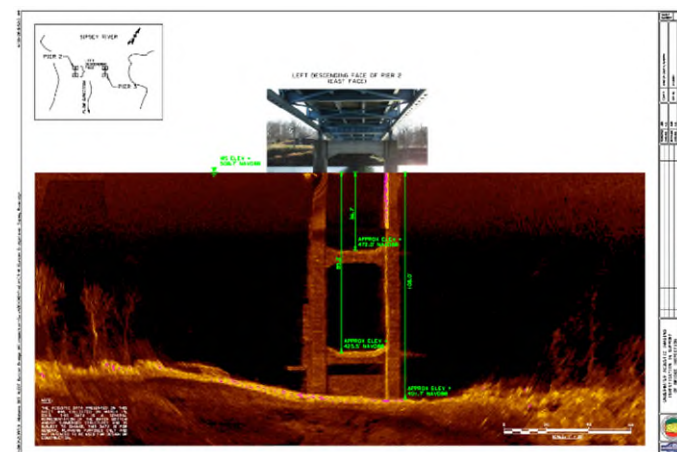
Project Description: Fenstermaker performed an Underwater Acoustic Investigation (UAI) of the Duncan Bridge (CR-41) over the Sipsey River for the Alabama Department of Transportation (ALDOT). The project focused on evaluating submerged bridge substructure elements and adjacent river-bottom conditions using advanced acoustic imaging technology.

Survey operations were completed from a 28-foot survey vessel utilizing a specialized Underwater Acoustic Imaging and Profiling System based on a Kongsberg-Mesotech MS1000 sector-scanning sonar with steerable acoustic beam capabilities. Fenstermaker acquired acoustic imagery and profiling data at multiple depths around Bridge Piers 2 and 3 and along the adjacent river bottom to document submerged structural conditions and river-channel characteristics.

The investigation successfully identified bridge pier columns, connecting struts, pier footing features, and surrounding river-bottom conditions. Acoustic imaging and profiling data were evaluated to identify potential anomalies, scour-related concerns, or structural irregularities affecting the submerged portions of the bridge. No abnormal conditions or anomalies were observed during the investigation.

Project deliverables included underwater acoustic imagery, river-bottom profile data, bridge pier assessment exhibits, technical drawings, and a final investigation report documenting submerged structural and channel conditions.

Key Personnel: Justin Bordelon



18. Approach and Methodology:

Fenstermaker has provided professional surveying and mapping services in Louisiana for over 75 years. As a leading consulting firm, we maintain a team of experienced personnel specializing in topographic, hydrographic, sidescan sonar, multibeam, and advanced remote sensing surveys. Our professional land surveyors provide services to private, industrial, and governmental clients throughout Louisiana and the Gulf Coast region. Fenstermaker's extensive experience successfully delivering large-scale hydrographic and marine geospatial projects demonstrates our ability to provide high-quality services in dynamic and operationally complex environments.

Fenstermaker has extensive experience working with the Louisiana Department of Transportation and Development (LADOTD) on bridge inspection, hydrographic survey, and watershed-related projects throughout Louisiana. Our team has conducted underwater examinations of bridge components, hydrographic channel and river surveys, magnetometer investigations, sub-bottom profiling, sidescan sonar surveys, and underwater mapping assignments for transportation and marine infrastructure clients. Fenstermaker has also performed hydrographic and underwater acoustic imaging investigations associated with bridge scour evaluation, submerged structure assessment, erosion monitoring, and marine infrastructure investigations.

Fenstermaker has pioneered and implemented award-winning applications of Underwater Acoustic Imaging (UAI), single beam, and multibeam survey technologies in shallow and "brown water" environments. Our experience includes collaboration with LADOTD, Ports, and Government Agencies to support bridge inspections, hydrographic surveys, erosion investigations, and marine infrastructure assessments. With offices in Lafayette, Baton Rouge, New Orleans, Lake Charles, and Shreveport, Fenstermaker provides statewide support and rapid mobilization capabilities for hydrographic and marine survey task orders.

With Fenstermaker's experience on similar survey projects coupled with our local knowledge, the project team will provide quality hydrographic surveying and marine geospatial services that are completed efficiently, on time, and within budget.

Project Approach and Methodology Throughout the project life cycle, the Fenstermaker Team will closely collaborate with LADOTD to develop and deliver the required hydrographic survey deliverables. The team will follow the following critical phases for successful project execution:

1. Project Coordination and Research
2. Survey Control and Calibration
3. Hydrographic and Acoustic Data Collection
4. Data Processing and Quality Assurance/Quality Control
5. Final Reporting and Deliverables



Phase	Typical Hydrographic Survey Task Order Schedule				
	Initiation	Field Work	Processing	Review	Closeout
Project Coordination & Research					
Survey Control & Calibration					
Hydrographic Data Collection					
Processing & QA/QC					
LADOTD Review					
Final Deliverables					
Milestones	◆ NTP	◆ Mobilization	◆ Field Complete	◆ Preliminary Submittal	◆ Final Deliverables
Typical task order progression shown. Actual sequencing and duration may vary based on site conditions, survey complexity, water levels, access constraints, and LADOTD review periods.					

□ Consultant Activity

■ LADOTD Review Activity ◆ Milestone

1. Project Coordination and Research Prior to beginning field activities, Fenstermaker will conduct research of available historical documents and the latest established DOTD hydrographic surveys to recover or reestablish baselines and benchmarks, review structure identification records, and evaluate conditions at each site. Fenstermaker will then develop a project-specific work plan identifying field and office tasks, boat launch locations, emergency service locations, project constraints, and survey schedules.

For structures located over navigable waterways, inspection schedules and work details will be coordinated with the US Coast Guard Bridge Section to support safe and efficient field operations. Throughout the project, the project manager will provide progress updates, coordinate with local authorities during field activities, and promptly notify LADOTD of any urgent observations identified during data collection.

2. Survey Control and Calibration The field crew will utilize existing DOTD benchmarks, as identified within the project scope, to receive Real-Time Kinematic (RTK) corrections for all survey activities. Top-of-water elevations will be recorded at the beginning of each survey and at three-hour intervals throughout the survey for QA/QC purposes and documented within the field notes.

Once all equipment has been installed and tested onsite, the field crew will conduct a velocity profile cast to measure the speed of sound within the water column utilizing an AML velocity sensor. The velocity profile will then be entered into the hydrographic acquisition hardware or software, followed by a bar check to ensure accurate depth readings. Bar checks will be performed daily prior to the commencement of data collection and at the completion of field activities for verification purposes.

Water bottom elevations using conventional survey methods will also be measured utilizing a fixed-height rod with a 6-inch diameter plate as an additional verification method alongside single beam or multibeam survey data.

3. Hydrographic and Acoustic Data Collection Hydrographic bathymetric data collection will be performed along predetermined lines and ranges utilizing RTK-integrated positioning systems. Real-time horizontal positioning during survey operations will be achieved utilizing a Trimble R12i GNSS GPS Receiver integrated with RTK technology for continuous positioning corrections and precise horizontal and vertical coordinates throughout survey operations.



To compensate for vessel movement caused by waves and vessel motion, a CDL MiniTilt Motion Sensor will be integrated into the bathymetric survey system. The motion sensor will provide vessel tilt and movement corrections to improve the accuracy and quality of the bathymetric data.

The CEE-SCOPE Single Beam Echosounder will be utilized to measure water depths along designated transect lines during bathymetric surveys. The integration of the single beam echosounder within the survey system allows the field crew to collect precise water depth measurements necessary for the preparation of accurate bathymetric mapping and underwater topographic information.

Where multibeam surveys are required, Fenstermaker will utilize a Norbit STX iWBMS multibeam system integrated with an Applanix POSMV IMU and RTK positioning system. The Norbit system features a curved array capable of scanning to the shoreline and capturing vertical components of structures and bridge substructure elements.

During data acquisition, POSPac information will be recorded for post-processing to enhance positioning accuracy in areas where GPS coverage may be restricted by bridge structures or surrounding infrastructure. All hydrographic data collection and processing will be performed utilizing Hypack/Hysweep software.

The survey team will ensure complete water-bottom coverage within identified survey areas to evaluate water-bottom conditions and identify potential scour or irregularities adjacent to bridge piers, piling systems, channels, and marine infrastructure. Where feasible, multibeam survey data will be overlapped with available topographic survey information along the shoreline.

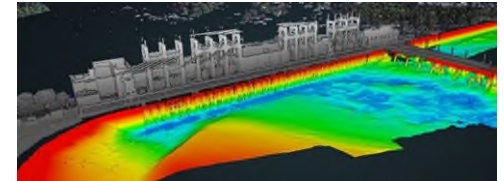
If required, Fenstermaker has the capability to utilize a topside Norbit iLiDAR system to scan bridge components and surrounding infrastructure to generate comprehensive three-dimensional datasets.

In locations where multibeam or single beam acquisition is unsafe or impractical, Fenstermaker may utilize the Kongsberg MS1000 scanning sonar. Deployed from either a tripod system or mounted directly to the survey vessel, the MS1000 is capable of producing two-dimensional scans of bridge piers, piling systems, and surrounding water-bottom conditions. The resulting imaging and profiling data can be utilized to identify potential scour conditions and irregularities associated with bridge substructures and surrounding underwater environments.

4. Data Processing and Quality Assurance/Quality Control Fenstermaker will process, analyze, and interpret all hydrographic and underwater acoustic data to prepare written reports and hydrographic charts. To support rigorous quality assurance and quality control procedures, all deliverables

will undergo review by an Independent Technical Professional. All deliverables will adhere to DOTD Software and Deliverables Standards for Electronic Plans, and Fenstermaker will coordinate with the Project Manager regarding project-specific requirements and deliverable standards.

5. Final Reporting and Deliverables Detailed survey reports will document water conditions during the survey, debris observed within the waterway and along the banks, bank conditions, survey obstructions, and reasons for any incomplete survey coverage. Digital photographs will document structure details identified within the reports and will be annotated with structure number, photo direction, date, and identified feature information. Fenstermaker has successfully utilized the ArcGIS Survey123 application for real-time field documentation and can develop ArcGIS dashboards displaying completed bridge surveys, digital photographs, data sheets, and additional project documentation.



Survey findings and identified problem areas requiring additional evaluation will be documented within the detailed survey report and submitted following completion of field activities. Fenstermaker will upload all MicroStation DGN files and associated deliverables utilizing ProjectWise at each project milestone or as directed by the Project Manager.

Scour/Erosion Methodology Scour will be identified through bridge inspections, bathymetric surveys, underwater investigations, and evaluation of hydraulic and channel conditions, including exposed foundations, streambed degradation, and sediment displacement. Conditions will be documented using survey data, sonar imagery, inspection photographs, field measurements, and engineering notes to record the location, extent, and severity of scour relative to bridge substructures. Scour will be monitored through periodic inspections and recurring bathymetric surveys, particularly following significant hydraulic events, to track streambed elevations and changes in channel morphology around bridge foundations.

Specific Evaluation Criteria The Fenstermaker Team possesses a comprehensive understanding of hydrographic surveying, bridge scour evaluation, underwater acoustic imaging, and marine geospatial data acquisition associated with transportation and marine infrastructure projects. Our team understands the technical and operational challenges commonly encountered during hydrographic and marine survey assignments and has successfully collaborated with transportation agencies, ports, and governmental clients on similar projects.

Fenstermaker's experience with hydrographic surveying, multibeam and single beam bathymetric acquisition, underwater acoustic imaging, magnetometer investigations, sidescan sonar surveys, and marine geospatial data processing provides the technical expertise necessary to efficiently execute statewide hydrographic survey task orders and deliver well-documented, high-quality submittals.

Staff Experience The Fenstermaker Team consists of highly qualified professionals with experience in hydrographic surveying, marine geospatial data acquisition, underwater acoustic imaging, and transportation-related survey services. All key personnel identified within the organization chart are active members of the project team and will contribute directly to the day-to-day execution and overall success of the project. Our staff includes experienced professionals located throughout Louisiana, providing statewide support capabilities and local knowledge that strengthen project coordination, mobilization, and field operations.

Current Workload Fenstermaker is fully prepared to promptly respond to task orders associated with this contract. Our organization provides statewide support with additional surveying personnel available across multiple Louisiana offices. Fenstermaker operates as an integrated team, allowing for efficient coordination, rapid mobilization, and seamless execution of hydrographic and marine survey assignments throughout Louisiana.

**19. Workload:**

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
C.H. Fenstermaker & Associates, L.L.C.	Road	Contract No. 400005673 State Project No. H.011235.5	I-49 South @ Verot School Road US 90	\$61,851
	Road	Contract No. 4400020291 State Project No. H.012869	LA 182 (UNIV) @ LA 723(RENAUD) Roundabout LA 182 and LA 723	\$130,961
	Bridge	Contract No. 4400025023 State Project No. H.015513	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 Elenor Road Over Coulee	\$1,100
	Bridge	Contract No. 4400025023 State Project No. H.015335	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 Puma Road Over Coulee	\$34,050
	Bridge	Contract No. 4400025023 State Project No. H.015516	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 Bieber Road Over Nezpique Bayou	\$550
	Bridge	Contract No. 4400025023 State Project No. H.015512	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 Mullins Road Over Tete Bayou	\$550
	Bridge	Contract No. 4400025023 State Project No. H.015515	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 Andover Road Over Indian Bayou Lateral	\$550
	Bridge	Contract No. 4400025023 State Project No. H.015514	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 Sarah Dee Pkwy. Over Coulee	\$21,650
	Bridge	Contract No. 4400025023 State Project No. H.015505	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 Solid Waste Water Road Over Bayou Boeuf	\$1,100
	Bridge	Contract No. 4400025023 State Project No. H.015510	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 Phillip Street Over Drainage Bayou	\$12,950



	Bridge	Contract No. 4400025023 State Project No. H.015509	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Huval Street Over True Canal	\$550
	Bridge	Contract No. 4400025023 State Project No. H.015508	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Adam Guidry Road Over Coulee	\$48,550
	Bridge	Contract No. 4400025023 State Project No. H.015507	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Minos Road Over Coulee	\$2,850
	Bridge	Contract No. 4400025023 State Project No. H.015506	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Aristide Road Over Coulee	\$550
	Bridge	Contract No. 4400025023 State Project No. H.015517	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Guegnon Street Over Youngs South Coulee	\$41,500
	Road	Contract No. 4400025625 State Project No. H.014622.2	St. Nazaire Road Ext: LA 96 – Corne Road	\$481,861
	Environmental	Contract No. 4400027474	IDIQ Contract for Environmental Permitting and Biological Services Task Order No. 2 MS4 Permitting Support East Baton Rouge Parish District 61	\$14,854
	Road	Contract No. 4400030052 State Project No. H.015966.5	IDIQ Contract for Roadway Design Services Statewide with Majority of Work in Districts 03 & 07 Task Order No. 2 LA 2333 R-Cut at I-49 South Interchange	\$50,871
	Road	Contract No. 4400030052 State Project No. H.015484.5	IDIQ Contract for Roadway Design Services Statewide with Majority of Work in Districts 03 & 07 Task Order No. 3 LA 1162: Keith Duplechain Road – LA 29	\$229,396



20. Certifications/Licenses:

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
C. H. FENSTERMAKER & ASSOCIATES, L.L.C.	Limited Liability Company	LAFAYETTE	Active

Previous Names

C. H. FENSTERMAKER & ASSOCIATES, INC. (Changed: 12/31/2011)

Business: C. H. FENSTERMAKER & ASSOCIATES, L.L.C.

Charter Number: 33922270K

Registration Date: 8/10/1982

Domicile Address

135 REGENCY SQUARE
LAFAYETTE, LA 70508

Mailing Address

P.O. BOX 52106
LAFAYETTE, LA 70505

Status

Status: Active

Annual Report Status: In Good Standing

File Date: 8/10/1982

Last Report Filed: 7/11/2025

Type: Limited Liability Company

Registered Agent(s)

Agent:	WILLIAM H. FENSTERMAKER
Address 1:	135 REGENCY SQUARE
City, State, Zip:	LAFAYETTE, LA 70508
Appointment Date:	8/12/1993

Officer(s)

Additional Officers: No

Officer:	W. H. FENSTERMAKER
Title:	Manager, Member
Address 1:	135 REGENCY SQUARE
City, State, Zip:	LAFAYETTE, LA 70508

Amendments on File (9)



21. QA/QC Plan:

**22. Sub-consultant information:**

Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20)</u>	Address	Point of Contact and email address	Phone Number
Not applicable			



23. Location: