

# STATEMENT OF QUALIFICATIONS

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

CONTRACT NOS.  
4400031905, 4400031906,  
4400031907, 4400031908,  
AND 4400031909  
IDIQ CONTRACTS FOR  
PROFESSIONAL SURVEYING  
SERVICES  
STATEWIDE

April 29, 2025



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



**Transmitted via Email**

DOTDConsultantAds80@la.gov

April 29, 2025

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

**RE: Contract Nos. 4400031905, 4400031906, 4400031907, 4400031908, and 4400031909 IDIQ Contracts for Professional Surveying Services Statewide**

Dear Sir or Madam:

**C. H. Fenstermaker & Associates, L.L.C.**, is pleased to submit our statement of qualifications for the Louisiana Department of Transportation and Development's IDIQ Contracts for Professional Surveying Services Statewide. Founded in 1950, Fenstermaker has over 75 years of surveying experience and has provided exceptional services and deliverables to clients throughout Louisiana and the Southeast. Headquartered in Lafayette, Fenstermaker is the ideal consultant for professional topographic and related services for statewide projects. We have provided surveying services to support the design of several LADOTD projects, including the US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build in Lafayette Parish, an I-20 Drainage Canal Bridge Survey in Madison and Caddo Parishes, and the Pointe a la Hache Ferry Landings rehabilitation project in Plaquemines Parish. **Our recent work for LADOTD includes supporting the Louisiana Watershed Initiative (LWI) in Regions 4, 5, and 6, and the Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 projects.** With our work on the LWI projects, our survey teams have collected data for LADOTD in **41 Louisiana parishes**.

Thank you for the opportunity to present our qualifications. If you have any questions regarding our submittal or qualifications, please contact **project Principal Travis Bodin** at (337) 237-2200. Angelle Guilbeau is authorized by Fenstermaker to contractually obligate the firm.

**FENSTERMAKER**

Travis Bodin, MBA, PLS, PMP  
Vice President, Survey  
[travisb@fenstermaker.com](mailto:travisb@fenstermaker.com)

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

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



# SECTIONS 1 - 13





# 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	Contract Nos. 4400031905, 4400031906, 4400031907, 4400031908, and 4400031909 IDIQ Contracts for Professional Surveying Services Statewide
2. Contract Number(s) as shown in the advertisement	Contract Nos. 4400031905, 4400031906, 4400031907, 4400031908, and 4400031909
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	135 Regency Square Lafayette, LA 70508
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	135 Regency Square Lafayette, LA 70508
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Travis Bodin, MBA, PLS, PMP (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



**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:

April 29, 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):  
NO DBE GOAL

Firm(s)' %:

**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. (Add rows as needed)**

Discipline(s)	% of Overall Contract
Survey	100%

**13. Firm Size:**

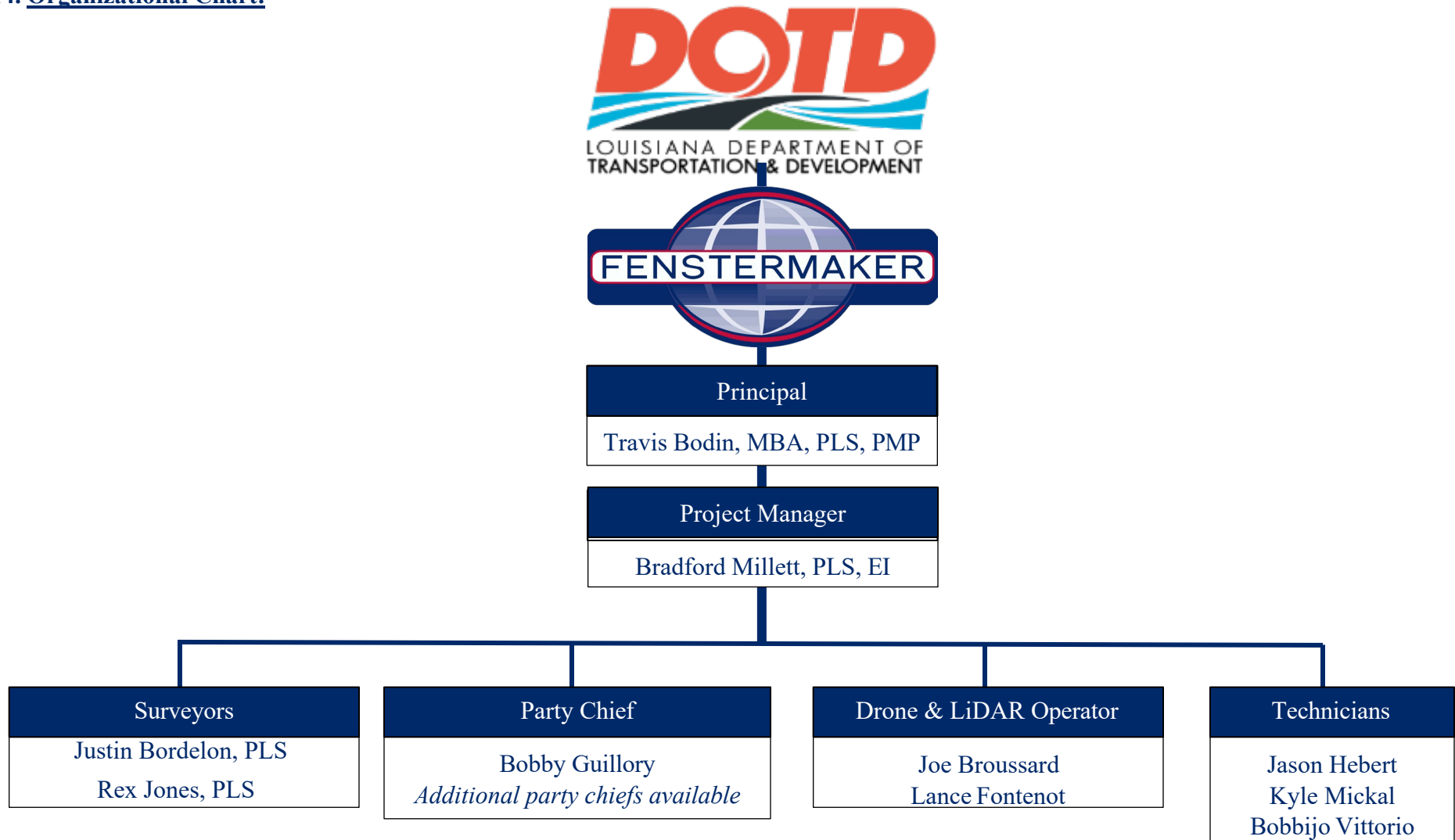
Firm name	DOTD Job Classification	Number of personnel <u>committed to this</u> contract	Total number of personnel available in this DOTD Job Classification (if needed)
C. H. Fenstermaker & Associates, L.L.C.	Party Chief	1	22
	Principal	1	2
	Senior Technician	4	9
	Surveyor	3	4
	Technician	1	14



## SECTIONS 14 - 16



#### 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 – Land Survey	LA	3/31/2026
2	Travis Bodin, MBA, PLS, PMP	C. H. Fenstermaker & Associates, L.L.C.	PLS.0005067 – Land Survey	LA	3/31/2026




## 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		20	
Title		Vice President, 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 / 03-31-2026			
Year registered		2011		Discipline		Professional Land Surveyor	
Contract role(s) / brief description of responsibilities				Mr. Bodin will serve as Principal. <b>Mr. Bodin meets MPRs # 1 and 2.</b>			
Travis Bodin, MBA, PLS, PMP has extensive surveying, management, and coordination experience. He has served as the Lead Professional Land Surveyor for projects across Louisiana. His responsibilities have included the management of surveying/ROW services, utility relocation coordination, coordinating with parish, state, and federal agencies and sub-consultants, cost estimating, scoping, scheduling and planning, resource management, and construction management services. With his background in surveying and project management, Mr. Bodin has performed and participated in multi-million-dollar projects consisting of large scale topographic and bathymetric surveys, development of high accuracy GPS networks, landowner notification and documentation, the development of DTM, infrastructure documentation, GIS integration, and process and procedure development. Mr. Bodin has conducted management duties for both field and office activities on survey and engineering projects.							
10/13-01/14 <b>Project #1</b>		<b>S.P. No. H.011014 LA 3002: U-Turn (Livingston Parish, LA)</b> Fenstermaker was responsible for the improvements made for a J-Turn between North Range Rd and South Range Rd (LA 3002). Mr. Bodin was responsible for preparing ROW Maps in accordance with LADOTD requirements. Mr. Bodin coordinated the Fenstermaker survey crew to perform topographical survey and utility relocation. Mr. Bodin also acted as quality control on title research and ROW maps and processed the survey data.					
12/08-07/18 <b>Project #2</b>		<b>Kaliste Saloom Road Widening &amp; Intersection Improvements - LA3073 to LA733 (Lafayette, LA)</b> Mr. Bodin served as the Surveyor Project Manager. Fenstermaker performed the topographic survey of all cross street and road tie-ins, cross sections for the purpose of an existing elevation DTM and parcel boundaries effected by the ROW. Mr. Bodin was responsible for field crew coordination, topo/boundary surveys, ROW plats, monuments, data processing, plats and legal descriptions.					
04/13-10/20 <b>Project #3</b>		<b>Acadiana Regional Airport Access Road (Iberia Parish, LA)</b> This project included the design of a new roadway beginning at the intersection of LA 3212 (Prairie Rd) and Grand Prairie Rd with an approximate 1,300-foot extension that intersects with LA 675 (Jefferson Island Rd). Significant features of this project include a 5-legged roundabout, a boulevard extension, and outfall channel regrading. Mr. Bodin managed quality assurance and quality control tasks and was responsible for reviewing and certifying maps and project exhibits.					
04/15-02/19 <b>Project #4</b>		<b>Coach Williams Drive Extension &amp; Roundabout (Calcasieu Parish, LA)</b> Fenstermaker served as the prime consultant on this \$18.4 million, multidisciplinary project consisting of engineering design services for the construction of the extension of Coach Williams Drive to connect to Houston River Road (LA 379). This road is approximately 3 miles in length and was designed as a 2-lane open ditch urban collector. Mr. Bodin was the Project Manager and Lead Surveyor, responsible for coordinating the abstracting, topographic survey, and generation of all right of way and servitude plats.					





10/12-05/14 <b>Project #5</b>	<b>US 190 &amp; 4-H Club Rd (LA 1032) Turn Lanes (Livingston Parish, LA)</b> This project involved the construction of an additional turning lane along 4-H Club Roadway, located in Livingston Parish, LA. Fenstermaker was responsible for creating construction plans, and Mr. Bodin served as the Lead Surveyor, responsible for coordinating the survey crew to collect topography, boundary information, and drainage information. He also coordinated with the title abstractor and processed the survey data into a LADOTD format for use in CAD.
10/08-11/11	<b>East Pont des Mouton, Phase II – Water and Sewer Improvement and Roadway Widening (Lafayette Parish, LA)</b> This project included the widening of approximately 1.4 miles of urban roadway reconstruction resulting in utility relocation and design of potable water distribution system and sanitary sewer collection system (gravity and force main). The sanitary sewer portion of this project entailed the design and installation of over 8,000' cumulative feet of 15", 18", 21", and 24" gravity sewer main. Mr. Bodin was the Lead Surveyor on this project. He led a full survey that was conducted to capture elevations and dimensions.
05/12-09/20	<b>Apollo Road (LA 93) Extension to Dulles Drive (Lafayette Parish, LA)</b> Fenstermaker performed all topographic surveys of cross streets and road tie-ins, cross sections for the purpose of an existing elevation DTM and location of all parcel boundaries affected by the proposed right of way. Surveying services also included the ASFD survey of all drainage laterals and drainage structures for hydraulic analysis and location of all utilities and topographic features within an identified area. Mr. Bodin assisted with utility coordination and placed Louisiana One Call requests. He also completed quality assurance and quality control tasks such as reviewing and processing survey data collected in the field, and reviewing right-of-way maps and parcel maps. He also worked on the boundary survey, created the stakeout plans for property corners, and created plats for the roundabout section of the project.
02/13-03/17	<b>Nelson Road and Ham Reid Road Roundabout &amp; Design (Calcasieu Parish, LA)</b> This project involved professional engineering design and planning services for the improvement of the intersection on Nelson Road at Ham Reid Road and at Gauthier Road. Fenstermaker was responsible for the topographical surveying, and the right-of-way Plats. Fenstermaker managed preliminary through final plans, the bidding and contract phase, and engineering services during construction. Mr. Bodin was responsible for the Topographic Surveying and ROW Plats.
09/13-01/19	<b>Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 &amp; LA379) (Calcasieu Parish, LA)</b> This contract included engineering and consulting services for the completion of various aspects of the Sasol Chemicals (USA) LLC–Lake Charles Chemicals Project (LCCP). Fenstermaker was responsible for the engineering design of the 1.5-mile heavy haul route used to transport the oversized modules from the Calcasieu River to the proposed plant site in Westlake, Louisiana. Services included mapping for the acquisition of agreements between Sasol and third-party utilities, platting for acquisition and dedication of property needed for various construction activities and state agencies, and Quality Control services of construction activities that were conducted which included monument review and location mapping. Mr. Bodin served as the Lead Surveyor and oversaw all topographic, boundary, and route surveying. Mr. Bodin was responsible for field coordination, data processing, ROW generation, and servitude and ROW mapping.
03/20-05/20	<b>Hanks Drive/Landis Drive Pedestrian Improvements (East Baton Rouge Parish, LA)</b> Mr. Bodin served as the Surveyor Project Manager. This project was identified as a facility that presented an unsafe pedestrian corridor; thus, the project goals included providing a safe and accessible pathway for pedestrians along Hanks Drive and Landis Drive. Phases 2 and 3 include approximately 4,200-ft. of sidewalk along Hanks Drive from Victoria Drive to Dickens Drive and approximately 2,000-ft. of sidewalk along Landis Drive from Hanks Drive to Greenwell Street.

Firm employed by <b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>					
Name	Bradford Millett, PLS, EI		Years of relevant experience with this employer		11
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 Project Manager.	
<p>Ms. Millett is a Professional Land Surveyor at Fenstermaker whose responsibilities consist of field crew coordination, data collection and processing, preliminary layout and design of boundary and right of way plats, ALTA surveys and the development and planning subdivision platting process. Her experience also includes project management as well as public meetings, client relations, utility coordination, and other components associated with surveying services. Ms. Millett is also responsible for the preparation of proposals for the Engineering, Advanced Technologies, and Surveying Divisions.</p>					
01/16-12/16 <b>Project #1</b>	<p><b>LA 3002: U-Turn (Livingston Parish, LA)</b> Fenstermaker was responsible for the improvements made for a J-Turn between North Range Road and South Range Road (LA 3002). Ms. Millett coordinated with the Fenstermaker survey crews to perform topographical survey, boundary survey, and utility relocation. Ms. Millett also assisted the Project Surveyor with the review of title research and right-of-way maps and processed the survey data.</p>				
07/13-03/23 <b>Project #2</b>	<p><b>Kaliste Saloom Road Widening &amp; Intersection Improvements - LA3073 to LA733 (Lafayette Parish, LA)</b> Fenstermaker was responsible for the widening of approximately two miles of Kaliste Saloom Road, a highly congested major arterial roadway located in the center of the City of Lafayette, Louisiana. The project was then split into three phases to include drainage outfall construction, utility relocations, and roadway construction. Fenstermaker is the direct responsible charge of all design components and construction management for improvements. Ms. Millett assisted with topographic and boundary surveying, utility relocation, right of way plats, drainage design, as-built surveys, and coordination of survey crews in the field for Phases 3A and 3B.</p>				
05/17-07/22 <b>Project #3</b>	<p><b>LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA)</b> Fenstermaker prepared construction plans and acquisition documents for the LA 675 Roundabout at Acadiana Airport Access Roadway in Iberia Parish. ARA Access Road was extended to the south to connect to LA 675. The roundabout was constructed at this connection. Reconstruction of the US Frontage Road was also completed. Ms. Millett served as the lead surveyor and coordinated all survey services for the project.</p>				
05/15-08/17 <b>Project #4</b>	<p><b>Coach Williams Drive Extension &amp; Roundabout (Calcasieu Parish, LA)</b> This project consisted of engineering design services for the construction of the extension of Coach Williams Drive to connect to Houston River Road (LA 379). This roadway design project was complex because construction impacted approximately 5.7 acres of jurisdictional wetlands, crossed over abandoned borrow pits, crossed the Sabine River Irrigation Canal, and crossed an operating railroad spur. This project included 3-miles of new 2-lane roadway with sidewalks and intersection improvements including a roundabout and turning lanes. Fenstermaker was the prime on this project and was responsible for the environmental assessments prior to design, drainage design, pavement design, and the geometrics of the road. Fenstermaker also conducted the surveying required to design the road. Ms. Millett's responsibilities included coordinating and reviewing appraisal reports and plats, coordinating all the topographic and boundary surveys, processing data and coordinating with utility companies within the proposed route.</p>				




07/13-05/22	<b>Apollo Road (LA 93) Extension to Dulles Drive – Roadway &amp; Water/Sewer Project (Lafayette Parish, LA)</b> Fenstermaker performed all topographic surveying of cross streets and road tie-ins, cross sections for the purpose of an existing elevation DTM, and locations of all parcel boundaries effected by the proposed right of way. Ms. Millett created the plats for the acquisition of servitudes and right of ways.
06/14-03/17	<b>East Pont Des Mouton Road Widening &amp; Water/Sewer Design (Lafayette Parish, LA)</b> Fenstermaker was selected to perform engineering design services for the construction of a 1.4-mile four-lane divided curb and gutter roadway with raised median (boulevard section), sidewalks, subsurface drainage, and street lighting. The improvements replaced an existing 2-lane roadway of East Pont des Mouton Road. Ms. Millett completed the required topographic, as-built survey, boundary surveys, and right-of-way plats, as needed.
06/14-05/18	<b>Sasol LCCP-Heavy Haul Road (LA378 &amp; LA739) (Calcasieu Parish, LA)</b> This was a \$12.9 million contract with Fluor for engineering and consulting services which included the design of a 1.5-mile heavy haul route that will be utilized to transport oversized modules from the Calcasieu River to the proposed plant site in Westlake, Louisiana. Ms. Millett was responsible for topographic and boundary data collection and data processing, as well as the generation of Louisiana Department of Transportation and Development Right of Way Maps for the 1.5-mile corridor to acquire servitudes and right of ways. She was also in charge of utility coordination for the relocation of AT&T lines throughout the route.
05/15-11/21	<b>Ham Reid Road Extension (Calcasieu Parish, LA)</b> Ham Reid Road is a two-phase, \$14.25 million construction project that includes a unique 1-mile asphalt roadway corridor, incorporating walkability and green infrastructure. The corridor includes a 2-lane (1-lane in each direction with a median) boulevard section with a roundabout located at the intersection of Ham Reid Road and LA 384/Nelson Road. Ms. Millett was responsible for creating survey exhibits, processing survey data, and setting up and updating the project's Falling Weight Deflectometer (FWD) tests.
03/20-11/21	<b>Hanks Drive /Landis Drive Pedestrian Improvements, Phase 1 &amp; 2 (East Baton Rouge Parish, LA)</b> Hanks Drive and Landis Drive are neighborhood streets in northern Baton Rouge, off Airline Hwy (US 190) north of Greenwell Springs Road (LA 37). This area experiences a high volume of pedestrian and bicycle traffic even in the absence of sidewalks. Fenstermaker provided topographic surveys and ROW services for Phase 1 and Phase 2 of the project, respectively, and those surveys were completed in accordance with LADOTD and MovEBR Standards ahead of schedule. Ms. Millett was responsible for completing the topographic survey, processing data, coordination with field crews, establishing project control, producing LADOTD deliverables, as well as producing the CAD file for the Engineer.
02/22-ongoing	<b>Spanish Trail Industrial Park Access Road (St. Martin Parish, LA)</b> Fenstermaker provided professional engineering and survey services to extend Lake Talon Road to LA 182 (Old Spanish Trail Highway) with an at-grade intersection in St. Martin Parish. Fenstermaker assisted the Parish with all planning efforts including preparing a traffic study, planning and coordinating with the BNSF railroad facility providing topographic survey services, preparing construction plans, preparing and submitting all required permits, and providing construction administration and inspection services. Fenstermaker managed subconsultants for traffic study and geotechnical investigation services. Ms. Millett oversaw the topographic survey tasks, coordinated with BNSF railway for survey services, submitted LA One Call tickets for utility coordination, and processed and reviewed survey data.

Firm employed by		C. H. Fenstermaker & Associates, L.L.C.		
Name	Justin Bordelon, PLS	Years of relevant experience with this employer	18	
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 / 03-31-2026		
Year registered	2021	Discipline	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities		Mr. Bordelon will serve as Surveyor.		
<p>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.</p>				
03/22-05/22 <b>Project #4</b>	<p><b>Coach Williams Drive Extension &amp; Roundabout (Calcasieu Parish, LA)</b> Fenstermaker served as the prime consultant on this \$18.4 million, multidisciplinary project consisting of engineering design services for the construction of the extension of Coach Williams Drive to connect to Houston River Road (LA 379). This road is approximately 3 miles in length and was designed as a 2-lane open ditch urban collector. Mr. Bordelon coordinated with Calcasieu Parish Police Jury and the Sabine River Authority for survey setup and with the survey crew for field tasks.</p>			
06/10-06/10	<p><b>Sunshine Bridge Underwater Acoustic Survey (St. James Parish, LA)</b> Fenstermaker was contracted to perform and Underwater Acoustic Imaging Investigation of the pier protection systems on Piers 3, 4, and 5 of the Sunshine Bridge near Donaldsonville, Louisiana. Mr. Bordelon served as a survey technician and was responsible for imaging the piers, processing collected data, revised AutoCAD work, and reviewed deliverables submitted to LADOTD.</p>			
11/10-12/12	<p><b>Inner Harbor Navigation Canal, GIWW Barge, and Bayou Bienvenue Lift Gate Projects (Orleans Parish, LA)</b> Fenstermaker was contracted to provide a rapid response on-call survey service for performing high order surveys (1 sec or better total station) along with high-speed laser scanners to report deviation in alignment and location of the interfaces between constructed features, design documents and components being fabricated offsite in support of the construction of the Inner Harbor Navigation Canal Sector Gates, the GIWW Barge Gate, and the Bayou Bienvenue Lift Gate Monolith. Fenstermaker linked the survey data and laser scanner data to allow the generation of a visual representation of the areas being surveyed. Mr. Bordelon served as the Project Manager and processed laser scan data. He linked the survey data to create the visualization of the project site.</p>			
01/12-05/14	<p><b>Underwater Acoustic Imaging for Bridge Inspection Statewide (Louisiana)</b> 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</p>			

	surrounding water bottom. Mr. Bordelon served as the Manager Field Team responsible for the management of all field resources (personnel and equipment) and the quality and accuracy of all field data collection activities.
04/18-04/18	<b>I-10: Texas State Line – E. of Coone Gully Roadway Lighting (Calcasieu Parish, LA)</b> Mr. Bordelon served as Project Manager on this project. As a sub to Modjeski & Masters, Fenstermaker provided professional surveying services for this project, which entailed widening 10.5 miles of I-10 to six lanes from the Texas state line to east of LA 108, replace and widen 10 bridges, and replace the eastbound weigh-in-motion system. Specifically, Fenstermaker performed a utility location survey for both subsurface and above-ground existing utilities and a Mobile LiDAR Survey to capture 3D topographic data including existing ground and hard surfaces. Additionally, Fenstermaker collected data on existing drainage structures, communication towers, billboard signs, trees, other overhead structures, and on the edge of the existing roadway/pavements.
05/18-11/19	<b>Driftwood LNG Master ALTA Survey (Calcasieu Parish, LA)</b> Fenstermaker was contracted by Driftwood LNG to generate an overall ALTA survey for the proposed 1,187-acre site. Mr. Bordelon conducted project research, recreated deeds, coordinated with the filed crew, and calculated the cost estimate for the survey. He was also responsible for reviewing exceptions and survey plans and performing quality assurance and quality control on maps and master plats.
03/19-05/20	<b>Sasol Chemicals Road &amp; Traffic Intersection Improvements (Calcasieu Parish, LA)</b> Fenstermaker provided topographic, boundary, and route surveying to aid in the coordination with public and state agencies. Services include mapping for the coordination and acquisition of agreements between Sasol and third-party utility companies, platting for acquisition and dedication of property needed for construction activities and state agencies, QC services of construction activities, monument review, HDS laser scanning for anchor bolt and module placement, location mapping, dimensional control, and UAV aerial photogrammetry. Mr. Bordelon was responsible for field coordination for this project.
05/19-05/19	<b>Port of Lake Charles Rail at W. Sallier St. (Calcasieu Parish, LA)</b> Fenstermaker completed the topographic and boundary field surveys, established control, post-processed data, reviewed title reports, established property boundaries and mapped encumbrances for the approximately 0.75-mile Railroad Relocation for the Port of Lake Charles in Lake Charles, Louisiana. LA DOTD survey feature codes were utilized for this project, and LADOTD Right of Way maps along with COGOWIN legal descriptions were created. The maps followed the specifications set forth in the LADOTD Location & Survey manual in conjunction with direction from LADOTD agents. Maps went through LADOTD's internal review process and have been accepted for final recordation. Mr. Bordelon was responsible for field coordination for this project.
03/23-ongoing	<b>BA-258 Northeast Turtle Bay Extension (Jefferson Parish, LA)</b> The Northeast Turtle Bay Marsh Creation project was approved for Engineering and Design by the Natural Resources Conservation Service (NRCS) in cooperation with the Coastal Protection and Restoration Authority of Louisiana (CPRA) and was funded in 2022 through the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA). As a subconsultant to Trigon, Fenstermaker is currently providing topographic, bathymetric, and magnetometer surveys to support the design and the construction of the project. The project construction includes creating and nourishing marsh using fill material from Three Bayou Bay, building earthen containment dikes, and using dredged bottom material from Three Bayou Bay to convey slurry to the marsh creation areas (MCAs). Mr. Bordelon is serving as the Project Manager and has prepared work plans, the project scope of services, and begun coordinating the project and reviewing existing data.



Firm employed by		<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	Rex Jones, PLS	Years of relevant experience with this employer	14	
Title	Senior Surveyor	Years of relevant experience with other employer(s)	29	
Degree(s) / Years / Specialization		A.S. / 1983 / Land Surveying Technology B.S. / 1982 / Business Administration		
Active registration number / state / expiration date		PLS.0004873 / LA / 09-30-2026		
Year registered	2000	Discipline	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities		Mr. Jones will serve as Surveyor.		
<p>Mr. Jones is a Professional Land Surveyor whose responsibilities include preparing boundary survey plats, subdivision plats, topographic plats, right of way plats, oil/gas well location plats, and oil/gas unit plats. Mr. Jones is experienced in the use of the AutoCAD 2022. Mr. Jones is a Registered Land Surveyor in the states of Louisiana, Alabama, Colorado, Mississippi, Montana, Texas and Utah. His work experience includes the establishment of GPS networks, which have served as control benchmarks for continuous recording devices, staff gauges, data acquisition, and marsh elevation surveys for various Louisiana Department of Natural Resources (Coastal Restoration Division-CRD) projects.</p>				
03/15-11/19 <b>Project #4</b>	<p><b>Coach Williams Drive Extension &amp; Roundabout (Calcasieu Parish, LA)</b> This project consisted of the design of a \$20 million – 3-mile roadway extension of Coach Williams Boulevard to connect to Houston River Road (LA 379). Fenstermaker conducted the surveying needed to design this road. Mr. Jones completed preliminary review and abstract information. Mr. Jones completed all preliminary reviews of abstract information, oversaw the field surveying of all parcels to be affected by this project, and prepared all final documents/exhibits/legal description for acquisition of necessary parcels to meet the Right-of-Way requirements for this project.</p>			
06/00-09/00	<p><b>Survey of existing Channel in both Horizontal &amp; Vertical Axis for the East Cameron Harbor &amp; Terminal Board (Cameron Parish, LA)</b> Mr. Jones was Survey Lead in the collection of hydrographic and topographic data showing the existing channel and its ROW, survey of existing spoil disposal areas, along with the preparation of construction plans and Specifications to bid the dredging of the Calcasieu River Loop and the East Fork of the Calcasieu River in Cameron, LA. He was also the Survey Lead in the collection of hydrographic and topographic data showing the post-construction channel after the dredging.</p>			
12/07-12/07	<p><b>Survey of Open Water Marsh (Cameron Parish, LA)</b> Mr. Jones was the Project Leader in the collection of hydrographic and topographic information of approximately 640 acres of open water area to determine if it would meet the requirements of the Lake Charles Harbor &amp; Terminal Board's need during the dredging of the Calcasieu River Ship Channel.</p>			
10/13-11/13	<p><b>St. Claude Avenue Bridge Approach Survey (Orleans Parish, LA)</b> The Port of New Orleans contacted Fenstermaker to survey the St. Claude Avenue Bridge existing approaches to determine the volume of asphalt required to fill in low spots on each end of the bridge on LA-46 (St. Claude Avenue). Owned and operated by the Port, this bascule bridge has four vehicle lanes and crosses the Inner Harbor Navigational Canal/Industrial Canal (IHNC). Mr. Jones served as the Project Manager and was responsible for coordinating with the Port and with other consulting teams to complete the survey successfully.</p>			
02/14-10/15	<p><b>Aegis 52-Mile Louisiana Pipeline Project (Ascension, Iberia, and St. Martin Parishes, LA)</b> This pipeline system covered approximately 270 miles and stretched from Mont Belview, TX to Napoleonville, LA. Fenstermaker was awarded a 52-mile segment of this system which ran through St. Martin, Iberville and Ascension Parishes, Louisiana. Within those parishes, a portion of the segment's route traversed through the Atchafalaya Basin making it one of the most challenging segments to survey. Mr. Jones prepared, revised, reviewed, signed, and stamped legal descriptions of properties within the project area.</p>			


05/14-11/17	<b>Lake Charles LNG LA384 &amp; LA38 Traffic Impact Analysis, Road Improvements, and CE&amp;I (Calcasieu Parish, LA)</b> Fenstermaker was contracted by Trunkline LNG for plant expansion, drainage analysis & channel relocation project. Fenstermaker completed a detailed HEC-RAS model to determine the impacts of rerouting a major drainage channel that traversed the expansion site. Mr. Jones was responsible for property survey tasks such as researching title reports and revising legal descriptions of parcels. He reviewed drawings associated with the intersection of Big Lake Highway and Tank Farm Road. He also reviewed, signed, and stamped preliminary LADOTD exhibits associated with the intersection of Gulf Highway and Lincoln Road.
09/17-01/19	<b>Sasol Chemicals Road &amp; Traffic Intersection Improvements (Calcasieu Parish, LA)</b> This \$12.9 million contract with Fluor for engineering and consulting services included the design of a 1.5-mile heavy haul route that will be utilized to transport oversized modules from the Calcasieu River to the proposed plant site in Westlake, Louisiana. Mr. Jones completed parcel and deed work for multiple intersections throughout this project. He also assisted with processing survey field data.
08/19-05/21	<b>Dean Expansion (Nueces and San Patricio Counties, TX)</b> Fenstermaker was contracted by Enterprise Products Holdings, LLC to provide surveying services including field survey for boundary and topographic survey and prepare and provide ROW plats and deliverables. Mr. Jones reviewed source deeds and set parcels along the proposed pipeline route, reviewed and stamped exhibits, and reviewed preliminary as-builts.
09/19-05/20	<b>M2E4 Pipeline Project (San Antonio, TX)</b> Fenstermaker performed topographic, centerline, and boundary surveys and provided mapping support on 178 miles of a pipeline project. Mr. Jones plotted deeds, set parcel boundaries, and reviewed parcel exhibits.
05/20-12/23	<b>Moss to Gilman-Peck Transmission Line Survey (Lafayette Parish, LA)</b> This project included upgrading approximately 3 miles of transmission line starting at the intersection of East Butcher Switch Road and Moss Street and navigating south along Moss Street to the Peck Substation. Based on Fenstermaker's history of expert and reliable survey work on LUS projects, the utilities system selected Fenstermaker to continue providing survey services during the first phase of this infrastructure upgrade. Mr. Jones reviewed property documents and parcels, assisted field crews with locating the boundary corners, mapped parcels along the proposed utility route, created proposed easements, and reviewed the LADOTD right-of-way plans.
03/22-09/23	<b>Coulee Mine East Regional Detention Facility (Lafayette Parish, LA)</b> Lafayette Consolidated Government (LCG) obtained \$4.7 million through the Louisiana Watershed Initiative for its Coulee Mine East Regional Detention Facility, a 40-acre detention pond along Coulee Mine East with a control structure to limit the discharge to the coulee and hold storm water in the pond during heavy rain events. LCG contracted Fenstermaker to finalize the evaluation of the detention facility west of Pelican Park from conceptual design to final construction plans for public bidding. Mr. Jones reviewed deed documents, created preliminary plats and parcels, reviewed the preliminary exhibits and utility easements, researched pipeline information, and reviewed, signed, and stamped the final exhibits.
03/22-09/23	<b>Roundabout – E. Broussard at Robley Drive (Lafayette Parish, LA)</b> Fenstermaker designed a modern multi-lane roundabout at the intersection of E. Broussard Road and Robley Drive in Lafayette Parish. Mr. Jones reviewed the source documents, plotting, and boundary data collected in the project area and based on found monuments. He also reviewed plats, legal descriptions, and exhibits.

Firm employed by		<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>	
Name	Bobby Guillory	Years of relevant experience with this employer	18
Title	Senior Party Chief	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		High School Diploma	
Active registration number / state / expiration date		Not Applicable	
Year registered	Not Applicable	Discipline	Not Applicable
Contract role(s) / brief description of responsibilities		Mr. Guillory will serve as Party Chief.	
<p>Bobby Guillory is proficient in the use of the LADOTD Location and Survey field code procedures and precisions. As a Senior Survey Party Chief, Mr. Guillory has successfully prepared transportation field surveys for establishing control, topography, utility location, and digital terrain models in a MicroStation electronic format. He is well-versed in performing traverse surveys and control surveys for the control network coordinate verification. Mr. Guillory also has experience in the use of metrology grade 1" robotic total stations and is versed in performing highly accurate surveys in support of boundary and right-of-way mapping.</p>			
02/14-03/14 <b>Project #1</b>	<p><b>LA 3002: U-Turn (Livingston Parish, LA)</b> Fenstermaker was responsible for the improvements made for a J-Turn between North Range Rd and South Range Rd (LA 3002). Fenstermaker provided engineering, surveying, geotechnical engineering, and oversaw geotechnical activities for the client for the design of a new roadway U-turn intersection. Surveying services includes collecting topographic surveys, performing a project site review to identify utility locations, and the preparation of right-of-way plans. Mr. Guillory served as lead Party Chief.</p>		
12/08-06/23 <b>Project #2</b>	<p><b>Kaliste Saloom Road Widening, Intersection Improvements, Bridge and CE&amp;I (LA 3073 to LA733) (Lafayette Parish, LA)</b> Fenstermaker performed the topographic survey of all cross street and road tie-ins, cross sections for the purpose of an existing elevation DTM and parcel boundaries effected by the ROW. Mr. Guillory served as lead Party Chief.</p>		
04/13-02/17 <b>Project #3</b>	<p><b>Acadiana Regional Airport Access Road (Iberia Parish, LA)</b> This project includes the design of a new roadway beginning at the intersection of LA 3212 (Prairie Rd) and Grand Prairie Rd with an approximate 1,300-foot extension that intersects with LA 675 (Jefferson Island Rd). Noteworthy features of this project include a five-legged roundabout, a boulevard extension, and outfall channel regrading. Mr. Guillory served as lead Party Chief.</p>		
04/15-02/19 <b>Project #4</b>	<p><b>Coach Williams Drive Extension &amp; Roundabout (Calcasieu Parish, LA)</b> This project includes the design of a \$20 million – 3-mile roadway. The new roadway includes a 2-lane open ditch typical sections with a roundabout, railroad crossing, Sabine River Authority Canal crossing, and will traverse through multiple wetland areas. Mr. Guillory served as Party Chief as part of the field survey crew. Data collected included topo surveys, and the data needed to generate all ROW and servitude plats.</p>		
09/12-01/21	<p><b>Apollo Road (LA 93) Extension to Dulles Drive (Lafayette Parish, LA)</b> Fenstermaker performed all topographic survey of cross streets and road tie-ins, cross sections for the purpose of an existing elevation DTM, location of all parcel boundaries affected by the proposed right of way. Mr. Guillory served as lead Party Chief.</p>		
09/13-01/19	<p><b>Fluor – Sasol LCCP-Heavy Haul Road (LA378 &amp; LA739) (Calcasieu Parish, LA)</b> This was a contract with Fluor for engineering and consulting services which included the design of a 2.4-mile heavy haul route that was utilized to transport oversized modules from the Calcasieu River to the proposed plant site in Westlake, LA. Mr. Guillory served as lead Party Chief and assisted with the collection of topographic and boundary survey data, dimensional control data, construction stake-out, plant control monumentation and control surveys in support of this effort.</p>		
02/14-03/14	<p><b>LA 3002: U-Turn (Livingston Parish, LA)</b> Fenstermaker was responsible for the improvements made for a J-Turn between North Range Rd and South Range Rd (LA 3002). Fenstermaker provided engineering, surveying, geotechnical engineering, and</p>		



	oversaw geotechnical activities for the client for the design of a new roadway U-turn intersection. Surveying services includes collecting topographic surveys, performing a project site review to identify utility locations, and the preparation of right-of-way plans. Mr. Guillory served as lead Party Chief.
03/17-10/17	<b>UL Lafayette Solar Farm (Lafayette Parish, LA)</b> In 2017, Poché Prouet and Associates, Ltd. (PPA) approached Fenstermaker to work with them on a proposed facility near the intersection of Cajundome Boulevard and Eraste Landry Road in Lafayette, Louisiana. Fenstermaker was able to help PPA with multiple aspects of the project, including a topographic survey of the site area, utility coordination, and the creation of as-built plans. Mr. Guillory performed the topographic and boundary surveys and staked the site.
09/17-01/19	<b>Sasol Chemicals (USA) LLC Road Traffic Improvements (Calcasieu Parish, LA)</b> This was a \$13 million contract with Fluor for engineering and consulting services which included the design of a 1.5-mile heavy haul route that Sasol used to transport oversized modules from the Calcasieu River to the proposed plant site in Westlake. Fenstermaker services included mapping for the coordination and acquisition of agreements between Sasol and third-party utility companies, platting for acquisition and dedication of property needed for various construction activities and state agencies, quality control services of construction activities, monument review, HDS laser scanning for anchor bolt and module placement, location mapping, dimensional control, and UAV aerial photogrammetry. Mr. Guillory served as Party Chief.
08/19-08/19	<b>S.P. H.005967 Port of Lake Charles Rail at W. Sallier St. (Calcasieu Parish, LA)</b> Fenstermaker completed the topographic and boundary field surveys, established control, post-processed data, reviewed title reports, established property boundaries and mapped encumbrances for the approximately 0.75-mile Railroad Relocation for the Port of Lake Charles in Lake Charles, Louisiana. Mr. Guillory served as lead Party Chief for the boundary survey.
03/20-03/20	<b>Churchpoint Road at Roddy Road Roundabout Study, Design, and Redesign (Ascension Parish, LA)</b> Fenstermaker completed a roundabout study at Churchpoint Road and Roddy Rd. Fenstermaker completed the study and followed the “EDSM VI.1.1.5, Roundabout Study and Approval” manual. Following LADOTD’s approval, Fenstermaker began final design of the roundabout. Mr. Guillory served as lead Party Chief.
04/20-04/20	<b>Hanks Dr/Landis Dr Ped Improvements, Phase 1 &amp; Hanks Dr/Landis Dr Ped Improvements, Phase 2 (East Baton Rouge Parish, LA)</b> Hanks Drive and Landis Drive are neighborhood streets in northern Baton Rouge, off Airline Highway (US 190) north of Greenwell Springs Road (LA 37). This area experiences a high volume of pedestrian and bicycle traffic even in the absence of sidewalks. Fenstermaker provided topographic surveys and ROW services for Phase 1 and Phase 2 of the project, respectively, and those surveys were completed in accordance with LADOTD and MoveBR Standards ahead of schedule. Mr. Guillory served as Survey Party Chief and was responsible for leading the survey field crew in collecting topographic survey data.
10/23-ongoing	<b>First Solar Plant- Topo/Civil/Environmental (Iberia Parish, LA)</b> First Solar selected the grounds of the Acadiana Regional Airport in Iberia Parish for the location of its fifth U.S. solar panel manufacturing facility plant. The new facility will encompass more than 2 million square feet. Rudolph Libbe, Inc., the project's general contractor, tasked Fenstermaker with performing civil engineering services for the facility. The scope of services also included a total turnkey survey (topographic), environmental services (permitting), traffic impact analysis, and construction administration. Mr. Guillory performed the topographic survey of the project area.



Firm employed by		<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	Joe Broussard	Years of relevant experience with this employer	10	
Title	Senior Survey Technician	Years of relevant experience with other employer(s)	2	
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 Drone & LiDAR Operator.		
<p>Mr. Broussard is a Senior Survey Technician with extensive experience in both coastal restoration and underwater acoustic and bathymetric survey operations. He acts as a lead technician in data collection activities for all underwater surveys and has expertise in operating a variety of surveying systems, including the Leica 1" Robotic Total Stations, high-speed terrestrial laser scanning systems, RTK-GPS Systems, underwater acoustic imaging sonar/profilers, side scan sonar, multi-beam systems, single beam echosounders, and pipeline location devices. Mr. Broussard has performed survey services such as High-Definition Scanning (HDS), Dimensional Control (DC), Boundary/Right-of-Way, Pipeline, Topographic, Construction, and Utility Location Surveys.</p>				
06/17-06/17 <b>Project #2</b>	<p><b>Kaliste Saloom Road Widening &amp; Intersection Improvements - LA3073 to LA733 (Lafayette Parish, LA)</b> Fenstermaker's Engineering Division was contracted to provide engineering services in design of the Kaliste Saloom Road widening between LA 733 and Ambassador Caffery Road. In support of this effort, Fenstermaker's Advanced Technologies Group provided aerial mapping services of the alignment using UAV technology. Mr. Broussard served as a UAV field technician in operation of the drone system.</p>			
07/14-10/17	<p><b>Lake Charles LNG LA384 &amp; LA38 Traffic Impact Analysis, Road Improvements, and CE&amp;I (Calcasieu Parish, LA)</b> Fenstermaker was contracted by Trunkline LNG for their plant expansion, drainage analysis and channel relocation project. Fenstermaker completed a detailed HEC-RAS model to determine the impacts of rerouting a major drainage channel that traversed the proposed expansion site. Mr. Broussard was responsible for coordinating survey field activities in locating pipelines and a riser station.</p>			
01/15-09/15	<p><b>APS Four Corners Site Survey (Bernalillo County, NM)</b> Fenstermaker provided topographical and structure survey mapping to URS (AECOM) for specified areas within Arizona Public Service Company's Four Corners Power Plant in Fruitland, NM. The primary method of data collection was laser scanning. Deliverables included topographic and structural survey plats detailing all sides of equipment and structures within the scoped areas. Mr. Broussard served as a laser scan technician responsible for laser scan data collection activities.</p>			
01/16-01/16	<p><b>ALTA Survey and Partition of Technip Property (Calcasieu Parish, LA)</b> Fenstermaker performed an ALTA survey and partition of a 610-acre tract of land to be purchased by the Port of Lake Charles and Parallax. Fenstermaker collected topographic and aerial photography data using an Unmanned Aerial Vehicle (UAV). Mr. Broussard performed the UAV photographic survey.</p>			
08/16-08/16	<p><b>Post Storm Services - 2012 &amp; 2016 Floods (Acadia Parish, LA)</b> Fenstermaker was contracted to provide post storm data collection and mapping services to Acadia Parish to include mapping flooded properties using UAV or Drone technology and surveying high water marks. Deliverables provided shall consist of a report documenting the geographic location of the high-water marks and corresponding photographs, as well as high-resolution video of the flooded properties. Mr. Broussard served as one of our lead UAV field technicians operating the drone system capturing photographic and video data of areas, as directed by the Tax Assessor's Office, impacted by the August 2016 Flood.</p>			

09/16-09/16	<b>First NBC Bank – Central Rock Inventory Monthly Monitoring UAV Surveys (New Orleans, LA)</b> Fenstermaker was contracted to perform monthly volume analysis monitoring surveys of existing stockpiles using UAV technology within Central Rock's operation south of I-10 on France Road for a duration of one year. Fenstermaker used the UAV to capture aerial photogrammetric data and generate a Digital Surface Model (DSM) of the stockpiles from which volumes were calculated. A Volume Analysis Report was generated after each survey. Using the volumes calculated, Fenstermaker provided a valuation of materials within the stockpiles surveyed. Mr. Broussard served as a UAV field technician in operation of the drone system.
03/17-04/17	<b>Sulphur Brine Pond Topographic Surveys (Calcasieu Parish, LA)</b> Fenstermaker was contracted by Boardwalk Louisiana Midstream to perform photogrammetric and topographic surveys. In addition, three more surveys were performed: one baseline survey and two volumetric surveys. Mr. Broussard assisted in the drone (sUAS) work on the project.
02/20-12/20	<b>Delacroix Marsh Creation and Terracing (BS-37) (St. Bernard Parish, LA)</b> Fenstermaker performed bathymetric, topographic, magnetometer, side-scan sonar, and sub-bottom profile surveys within the proposed borrow and fill areas of Delacroix Island. Mr. Broussard was involved in preplanning, crew/field coordination, and all bathymetric, side scan, and magnetometer data processing, along with the Coastal Protection and Restoration Authority's (CPRA) Louisiana Sand Resources Database (LASARD) deliverables.
11/20-02/21	<b>New Orleans Outfall Canals Survey (SLFPA) (Orleans Parish, LA)</b> Mr. Broussard served as a Survey Technician and mapped out the New Orleans Outfall Canals utilizing Multibeam and LiDAR technology for erosion detection and monitoring. Tasks included coordination with the Flood Protection Authority, coordinating and scheduling field crews, overseeing office data processing and deliverable generation. Mr. Broussard was responsible for conducting the LiDAR survey using drone technology and processing the survey data collected.
05/21-05/21	<b>Placement Area 14 Dike Raise (Harris County, TX)</b> Fenstermaker was contracted by Pontchartrain Partners, LLC for the Houston Ship Channel project designed by the U.S. Army Corps of Engineers. Fenstermaker is currently performing a Topographic Survey utilizing LiDAR and Conventional Surveying methods with GPS and a total station. Mr. Broussard performed equipment preparation and load out and LiDAR, photogrammetry, and topographic survey tasks.
03/23-04/23	<b>Confidential Project in Louisiana</b> Fenstermaker was contracted to complete ALTA 1 and ALTA 2 surveys, pre as-built/pre-construction staking verification, the as-built survey, the as-built ALTA, and other survey tasks such as preparing exhibits, legal descriptions, and plats and preparing site plans to accompany encroachment, crossing applications, or other requests. The project consisted of a 280 MA solar project located across approximately 2,317.7 acres of agricultural land in Evangeline Parish. Mr. Broussard collected LiDAR data and performed the photogrammetry survey.
06/23-06/23	<b>LA Hydro Multibeam and LiDAR Survey (Avoyelles Parish, LA)</b> Fenstermaker conducted an above-the-water LiDAR study and underwater bathymetric survey of the Sidney A. Murray Jr. Power Station dam and river embankments. The purpose of the project was to supplement Underwater Acoustics International's (UAI's) comprehensive underwater 2D and 3D sonar imaging investigation of the submerged areas of the dam. Mr. Broussard served as the Project Manager and was responsible for side scan sonar and backscatter data processing.

Firm employed by				C. H. Fenstermaker & Associates, L.L.C.		
Name		Lance Fontenot		Years of relevant experience with this employer		18
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 Drone and LiDAR Operator.			
Mr. Fontenot is a UAS Manager in the Advanced Technologies Division. Mr. Fontenot serves as the lead Unmanned Aerial Vehicle (UAV) and High-Definition Scanning (HDS) / Dimensional Control survey technician and oversees all field HDS/DC operations for the project to ensure corporate QA/QC guidelines and procedures are being utilized on projects. He also provides the day-to-day technical guidance and has a final say in the submission of all data to project managers. Mr. Fontenot has performed UAV Surveys, HDS Scanning, Dimensional Control support, Boundary/Right-of-Way, Pipeline, Topographic, Roadway, Construction, Oil & Gas, Geodetic, Hazard, and Accident Surveys primarily across the Gulf Coast area.						
05/10-10/21 Project #2		Kaliste Saloom Road Widening LA3073 to LA733 (Lafayette Parish, LA) Lead UAV Field Technician Fenstermaker's Engineering Division was contracted to provide engineering services for the design of the Kaliste Saloom widening project between LA 733 and Ambassador Caffery. In support of this effort, Fenstermaker provided aerial mapping services of the alignment using UAV technology. Mr. Fontenot served as the lead UAV field technician responsible for operation of the drone system and production of the topographic plats generated from the photogrammetric data.				
04/15-02/19 Project #4		Coach Williams Drive Extension & Roundabout (Calcasieu Parish, LA) This project entailed the design of an \$18.4 million, 3-mile roadway, including a 2-lane open ditch typical section with a roundabout, railroad crossing and Sabine River Authority Canal crossing. The roadway will traverse through multiple wetland areas. Mr. Fontenot was responsible for the stakeout of the ROW and construction servitude.				
06/10-10/12		Inner Harbor Navigation Canal, GIWW Barge, and Bayou Bienvenue Lift Gate Projects (Orleans Parish, LA) Fenstermaker was contracted to provide a rapid response on-call survey service for performing high order surveys (1 sec or better total station) along with high-speed laser scanners to report deviation in alignment and location of the interfaces between constructed features, design documents and components being fabricated offsite in support of the construction of the Inner Harbor Navigation Canal Sector Gates, the GIWW Barge Gate, and the Bayou Bienvenue Lift Gate Monolith. Fenstermaker linked the survey data and laser scanner data to allow the generation of a visual representation of the areas being surveyed. Mr. Fontenot performed the laser scan survey, processed data, and produced as-builts.				
09/13-10/19		Sasol LCCP- Heavy Haul Road (LA 378 & LA 379) (Calcasieu Parish, LA) This was a \$12.9 million contract with Fluor for engineering and consulting services which included the design of a 1.5-mile heavy haul route that was utilized to transport oversized modules from the Calcasieu River to the proposed plant site in Westlake. Fenstermaker provided topographic, boundary, and route surveying services to aid in the coordination with public and state agencies. Services included mapping for the coordination and acquisition of agreements between Sasol and third-party utility companies, platting for acquisition and dedication of property needed for various construction activities and state agencies, and quality control services of construction activities that were conducted on site, which included monument review and location mapping. Mr. Fontenot was a Survey Technician who performed field surveys, processed data and created maps and plats. Mr. Fontenot was also responsible for aerial photogrammetry of plant locations, processing of data and survey project deliverables.				






02/14-09/14	<b>LADOTD–Harrisonburg Bridge Laser Scanning Survey</b> Fenstermaker provided 3D laser scanning and high precision measurement of the in-water and land-based bridge pier supports and superstructure for LADOTD for providing critical measurements used to determine if any misalignment issues exist with the center swing span structure and the land-based approach spans. Fenstermaker also used a high accuracy 1” total station to collect positional data on monitoring targets strategically placed during a previous survey performed five years prior for comparing this data to the positional data collected on these targets during the previous survey. The dataset was critical in illustrating any movement the bridge may have encountered or misalignment issues that have occurred over the 5-year timeframe because of vessel impacts. Mr. Fontenot served as lead technician in processing the laser scan data and generating the deliverables for this project.
01/17-01/19	<b>Sasol Chemicals (USA) LLC Road Traffic Improvements (Calcasieu Parish, LA)</b> Fenstermaker was contracted by Fluor and Sasol Chemicals to provide engineering and consulting services for multiple projects in support of the Sasol Chemicals (USA), LLC - Lake Charles Chemicals Project (LCCP). Mr. Fontenot provided UAV services including video capture of the heavy haul route.
08/17-08/17	<b>2017 Iberia Parish Drainage Improvements (Iberia Parish, LA)</b> Iberia Parish contracted Fenstermaker to evaluate several drainage maintenance alternatives and prioritize them based on hydraulic benefit. This was completed using 2D modeling (Mike Flood) to determine the sensitivity of each alternative based on the recommended maintenance plan by the Parish. Fenstermaker completed a more detailed model to determine the downstream impacts of maintenance alternatives and fine-tuned the design parameters. In addition, Fenstermaker completed the plans and permitting for the top prioritized alternatives. Mr. Fontenot performed the topographic survey of the project area's canals and bridges.
11/17-04/18	<b>I-10: Texas State Line – E. of Coone Gully – Roadway Lighting (Calcasieu Parish, LA)</b> As a sub to Modjeski & Masters, Fenstermaker provided professional surveying services for this project, which entailed widening 10.5 miles of I-10 to six lanes from the Texas state line to east of LA 108, replace and widen 10 bridges, and replace the eastbound weigh-in-motion system. Specifically, Fenstermaker performed a utility location survey for both subsurface and above-ground existing utilities and a Mobile LiDAR Survey to capture 3D topographic data including existing ground and hard surfaces. Additionally, Fenstermaker collected data on existing drainage structures, communication towers, billboard signs, trees, other overhead structures, and on the edge of the existing roadway/pavements. Mr. Fontenot was responsible for control and monitoring of LidarUSA data collection and tying in points along the route of the LiDAR data set for ground truthing.
03/19-05/21	<b>Apollo Rd (LA 93) Extension to Dulles Drive (Lafayette Parish, LA)</b> Fenstermaker performed all topographic survey of cross streets and road tie-ins, cross sections for the purpose of an existing elevation DTM and location of all parcel boundaries affected by the proposed right of way. Additionally, surveying services included ASFD survey of all drainage laterals and drainage structures for hydraulic analysis and location of all utilities and topographic features within an identified area. Mr. Fontenot provided surveying services, UAV flight and video capturing in support of construction administration, ROW, and inspection services of Apollo Road.
07/21-09/21	<b>Henderson Lake Dixie Pipeline Spoil Bank Hydrologic Restoration (St. Landy &amp; St. Martin Parishes, LA)</b> This CPRA project placed gaps in the Dixie Pipeline spoil banks. These gaps allow for the restoration of proper hydrologic flow and improve water quality for the northern portion of the Lake. The resulting flow of fresh, oxygenated helps to increase fish and crawfish populations and provides a better habitat for waterfowl, migrating birds, and other native species. Mr. Fontenot planned and performed aerial LiDAR data collection with an unmanned aerials system (UAS) drone. He processed LiDAR data and GPS data for the project's cross sections and created surfaces from collected sonar, LiDAR and RTK survey data.




Firm employed by		<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	Jason Hebert	Years of relevant experience with this employer	20	
Title	Senior Engineering Technician	Years of relevant experience with other employer(s)	12	
Degree(s) / Years / Specialization		A.S. / 1993 / Engineering Technology		
Active registration number / state / expiration date		Not Applicable		
Year registered	Not Applicable	Discipline	Not Applicable	
Contract role(s) / brief description of responsibilities		Mr. Hebert will serve as Technician.		
<p>Mr. Hebert is a Senior Engineering Technician at Fenstermaker. His main areas of responsibility include preparing survey plats, subdivision plats, roadway plans and profiles, drainage plans, right of way plats, and numerous other plats needed by the division. Prior to his work at Fenstermaker, Mr. Hebert was employed by Southern Structures. While there, he gained experience in detailing drawings for buildings: including beams, columns, and foundation drawings. He is also a specialist in the use of the newest versions of MicroStation, InRoads, and AutoCAD.</p>				
02/09-03/23 <b>Project #2</b>	<p><b>Kaliste Saloom Road Widening &amp; Intersection Improvements - LA3073 to LA733 (Lafayette Parish, LA)</b> The Kaliste Saloom Road Widening project is from Ambassador Caffery Pkwy (LA 3073) to E. Broussard Rd (LA 733). The project commences approximately 1,500' southwest of E. Broussard Rd (LA Hwy 733) and terminates near Ambassador Caffery Pkwy (LA 3073). Fenstermaker was in direct responsible charge of all design components and construction management for improvements. Fenstermaker was responsible for topographic and boundary surveying, ROW plats and the coordination of field survey crews. Mr. Hebert provided CADD services to produce topographic, boundary, and ROW plats.</p>			
11/19-01/22 <b>Project #3</b>	<p><b>Acadiana Regional Airport (ARA) Access Roadway (Iberia Parish, LA)</b> This project included the design of a new roadway beginning at the intersection of LA 3212 (Prairie Rd) and Grand Prairie Rd with an approximate 1,300-foot extension that intersects with LA 675 (Jefferson Island Rd). Significant features of this project include a 5-legged roundabout, a boulevard extension, and outfall channel regrading. Mr. Hebert was responsible for creating plan and profiles for the project, as well as completing edits to the three-dimensional surface of the proposal roadway.</p>			
04/15-02/19 <b>Project #4</b>	<p><b>Coach Williams Drive Extension &amp; Roundabout (Calcasieu Parish, LA)</b> This project included the design of a \$20 million – 3-mile roadway located in Calcasieu Parish. The new roadway includes a 2-lane open ditch typical section with a roundabout, railroad crossing, Sabine River Authority Canal crossing, and will traverse through multiple wetland areas. Fenstermaker was responsible for coordinating abstracting, topographic survey, and the generation of all right of way and servitude plats. Mr. Hebert provided CADD services to prepare the submittal of these documents to the client.</p>			
10/11-07/22	<p><b>Apollo Road (LA 93) Extension and Roundabout (Calcasieu Parish)</b> Fenstermaker performed all topographic survey of cross streets and road tie-ins, cross sections for the purpose of an existing elevation DTM, and locations of all parcel boundaries effected by the proposed right of way. Fenstermaker was responsible for additional surveying services which included: ASFD survey of all drainage laterals and drainage structures for hydraulic analysis, locating of all utilities and topographic features within an identified area (trees, fences, houses, parking lots, etc.) in order to set permanent control along the project area, and using OPUS solutions to acquire real world coordinates for survey use. Mr. Hebert provided CADD services in support of the submittal of these documents.</p>			
12/11-11/13	<p><b>Jackson Street Bridge Topographic Survey-Red River (Rapides Parish, LA)</b> Fenstermaker was a subconsultant to Huval and Assoc., Inc. Fenstermaker's responsibilities included surveying, generating plats for the existing right of way, and drafting construction drawings for an access road and right of way maps for the proposed right of way takes. Mr. Hebert revised and updated plans, worked on cross sections, revised and updated the demolition plan, and reviewed right-of-way plats.</p>			

04/13-01/15	<b>Nelson Road Roundabout &amp; Signal Design (Calcasieu Parish, LA)</b> This project involved professional engineering design and planning services related to the improvement of intersection on Nelson Rd at Ham Reid Rd and at Gauthier Road. Fenstermaker was responsible for the Topographical Surveying, Right of Way Plats. Fenstermaker managed Preliminary through Final Plans, Bidding and Contract Phase, and Engineering Services during construction. Mr. Hebert provided CADD services for the preparation of the submittal documents for this project.
10/13-05/18	<b>Sasol LCCP-Heavy Haul Rd (LA378 &amp; LA739) (Calcasieu Parish, LA)</b> This was a \$10 million contract with Fluor for engineering and consulting services which included the design of a 1.5-mile heavy haul route that was utilized to transport oversized modules from the Calcasieu River to the proposed plant site. Fenstermaker provided topographic, boundary, and route surveying. Services included mapping for the coordination and acquisition of agreements between utility companies, platting for acquisition and dedication of property, and QC services of construction activities that were being conducted on site which included monument review and location mapping. Mr. Hebert provided CADD services for this project.
08/16-11/16	<b>Lake Charles LNG Traffic Impact Analysis and Road Improvements (LA384 &amp; LA385) (Calcasieu Parish, LA)</b> Fenstermaker performed a traffic impact study and implementation for the construction and continued operation of three proposed facilities: Lake Charles LNG, Magnolia LNG, and G2X Energy. After completion of the impact study, Fenstermaker designed improvements to three intersections that will be used for industrial transport to and from the three facilities. Fenstermaker also provided construction administration and inspection for the project. An Engineering Technician for the project, Mr. Hebert revised curbing details and comments on typical sections and verified quantities with the project engineers. He also worked with the engineers on correcting roadway slope. Additionally, Mr. Hebert prepared documents for inspectors to use on site.
06/18-10/22	<b>2017 Iberia Parish Drainage Improvements (Iberia Parish, LA)</b> Iberia Parish contracted Fenstermaker to evaluate several drainage maintenance alternatives and prioritize them based on hydraulic benefit. This was completed using 2D modeling (Mike Flood) to determine the sensitivity of each alternative based on the recommended maintenance plan by the Parish. Fenstermaker completed a more detailed model to determine the downstream impacts of maintenance alternatives and fine-tuned the design parameters. In addition, Fenstermaker completed the plans and permitting for the top prioritized alternatives. Mr. Hebert created vicinity maps, prepared maps and images for reports, and worked on drawings for USACE permits required for channel clearing and maintenance.
12/18-02/19	<b>St. Martin Hospital, District #2 Topographic Survey &amp; Drainage Analysis (St. Martin Parish, LA)</b> As a sub to Poche' Prouet Associates, Ltd., Fenstermaker provided surveying services for the proposed expansion improvements to the existing St. Martin Hospital District #2 facility. The scope of services included the creation of a full topographic and boundary survey that would be used for design purposes. Mr. Hebert created survey maps and worked on the project's CADD files.
11/23-ongoing	<b>First Solar Plant- Topo/Civil/Environmental (Iberia Parish, LA)</b> First Solar selected the grounds of the Acadiana Regional Airport in Iberia Parish for the location of its fifth U.S. solar panel manufacturing facility plant. The new facility will encompass more than 2 million square feet. Rudolph Libbe, Inc., the project's general contractor, tasked Fenstermaker with performing civil engineering services for the facility. The scope of services also included a total turnkey survey (topographic), environmental services (permitting), traffic impact analysis, and construction administration. Mr. Hebert prepared plans and documentation based on data collected by the survey team and generated by the H&H and Traffic Analysis studies.

Firm employed by		<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	Kyle Mickal	Years of relevant experience with this employer	18	
Title	Engineering Technician	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization		Diploma / 2002 / Drafting and Design Technology		
Active registration number / state / expiration date		Not Applicable		
Year registered	Not Applicable	Discipline	Not Applicable	
Contract role(s) / brief description of responsibilities		Mr. Mickal will serve as Technician.		
<p>Mr. Mickal is an Engineering Technician at Fenstermaker and works with Fenstermaker's Survey, Engineering and Environmental groups to produce plans and documentation for projects. He works closely with Professional Engineers and Professional Licensed Surveyors to produce plan and profile sheets that accurately reflect project designs. He also creates and supports the development of exhibits, CADD deliverables, rights-of-way plats, legal descriptions, as-built plans, and permit drawings. Additionally, Mr. Mickal has experience working with digital imagery captured by UAV/drone and incorporating images into plan sets and other documentation.</p>				
07/17-06/24 <b>Project #3</b>	<p><b>LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA)</b> Fenstermaker is preparing construction plans and acquisition documents for the LA 675 Roundabout at Acadiana Airport Access Roadway in Iberia Parish. ARA Access Road was extended to the south to connect to LA 675. The roundabout was constructed at this connection. Reconstruction of the US Frontage Road was also completed. Mr. Mickal served as a Survey Technician and was responsible for updating the Falling Weight Deflectometer (FWD) file used in assessing the structural condition of pavements, updating plats, updating title information adding details to plan sheets, creating summary table sheets, updating plats, and generation ROW maps.</p>			
07/06-09/06	<p><b>Kansas Lane/Garrett Road Connector and Interstate-20 Interchange and Improvements: Stage 0 Feasibility Study (Ouachita Parish, LA)</b> LADOTD contracted Fenstermaker to research and develop a feasibility study for the integration of a grade-separated bridge structure over Interstate 20 and the Kansas City Southern (KCS) railroad facility in Ouachita Parish. The feasibility study also examined the realignment of the Kansas Lane and Garrett Road connector, which was proposed for conversion into a multi-lane transportation facility in Monroe, Louisiana. Mr. Mickal reviewed markups on the project's documentation and worked with the design engineer on the study.</p>			
01/13-01/17	<p><b>Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 &amp; LA379) (Calcasieu Parish, LA)</b> This contract included engineering and consulting services for the completion of various aspects of the Sasol Chemicals (USA) LLC-Lake Charles Chemicals Project (LCCP). Fenstermaker was responsible for the engineering design of the 1.5-mile heavy haul route used to transport the oversized modules from the Calcasieu River to the proposed plant site in Westlake, Louisiana. Mr. Mickal was responsible for several technical support tasks such as creating soil boring and coring exhibits, creating a map for the feasibility study, creating exhibits for the road traffic improvements, and creating the plan and profile sheets for the Heavy Haul Route. Additional tasks included supporting the construction survey by setting up existing utility owners' plans, drafting drainage plan and profile sheets, and working on all plan sets and documentation for the project.</p>			
07/13-06/18	<p><b>US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build (Design Build) (Lafayette Parish, LA)</b> US 90 (I-49 SOUTH) was a \$69.4 million award-winning construction project to widen U.S. Highway 90 from four lanes to a six-lane, control-of-access facility designed to interstate standards. Fenstermaker was the lead design firm through a joint venture with James Construction Group (Primoris) for this high-profile design-build project. Mr. Mickal created typical roadway and bridge sections, worked on the construction phasing plans and the construction layout, and created the existing and design drainage maps.</p>			

05/14-11/17	<b>Lake Charles LNG Traffic Impact Analysis and Road Improvements (LA384 &amp; LA385) (Calcasieu Parish, LA)</b> Fenstermaker performed a traffic impact study and implementation for the construction and continued operation of three proposed facilities: Lake Charles LNG, Magnolia LNG, and G2X Energy. After completion of the impact study, Fenstermaker designed improvements to three intersections that is now used for industrial transport to and from the three facilities. Fenstermaker also provided construction administration and inspection for the project. Mr. Mickal served as an Engineering Technician on the project and was responsible for developing and revising plans sets, creating exhibits, and generating right-of-way plats. He also reviewed and revised the as-built plans.
06/17-11/17	<b>S.P. No. H.009932 US 80 Widening: Vancil Rd to Well Rd EA (Ouachita Parish)</b> Fenstermaker served as the prime consultant responsible for the Environmental Assessment (EA), including the planning, public outreach, and engineering and environmental services needed for LADOTD and FHWA to reach an environmental decision for the proposed widening of US 80 in Ouachita Parish. The widening project spanned approximately 1.4 miles. Mr. Mickal was responsible for creating an aerial file for the line and grade study, designing proposed driveways, and updating all project exhibits.
04/18-09/22	<b>Churchpoint Road at Roddy Road Roundabout Study, Design, and Redesign (Ascension Parish, LA)</b> Fenstermaker completed a roundabout study at Churchpoint Road and Roddy Rd. The study was completed in compliance with “EDSM VI.1.1.5, Roundabout Study and Approval.” Following LADOTD’s approval, Fenstermaker began final design of the roundabout. The traffic analysis included utilization of the software SIDRA to compare a stop-controlled intersection, signalized intersection, and roundabout. Safety data was collected for a three-year period and analyzed for correctible crashes at the intersection. Mr. Mickal served as an Engineering Technician and worked on several documents and design plans for the project, including the plans for the splitter island, the geometric layout, the road striping, and the typical sections. He also created a project layout map and existing and designed drainage basin maps. Additionally, Mr. Mickal worked on the transportation management plan/safety and operations concept documentation, which included the layout for the traffic detour used during construction.
07/20-02/21	<b>Port of Lake Charles Rail at W. Sallier St. (Calcasieu Parish, LA)</b> Fenstermaker completed the topographic and boundary field surveys, established control, post-processed data, reviewed title reports, established property boundaries and mapped encumbrances for the approximately 0.75-mile Railroad Relocation for the Port of Lake Charles. LADOTD survey feature codes were utilized for this project, and LADOTD Right of Way maps along with COGOWIN legal descriptions were created. Mr. Mickal served as a Survey Technician and reviewed plats and legal descriptions.
07/21-09/22	<b>Coulee Mine East Regional Detention Facility (Lafayette Parish, LA)</b> Lafayette Consolidated Government (LCG) obtained \$4.7 million through the Louisiana Watershed Initiative for its Coulee Mine East Regional Detention Facility, a 40-acre detention pond along Coulee Mine East with a control structure to limit the discharge to the coulee and hold storm water in the pond during heavy rain events. LCG contracted Fenstermaker to finalize the evaluation of the detention facility west of Pelican Park from conceptual design to final construction plans for public bidding. Mr. Mickal created plan sheets on the detention facility, stakeout documentation, and plats for Coulee Mine. He also updated plan sheets with notes and cross sections.
04/22-ongoing	<b>Roundabout – E. Broussard at Robley Drive (Lafayette Parish, LA)</b> Fenstermaker designed a modern multi-lane roundabout at the intersection of E. Broussard Road and Robley Drive in Lafayette Parish. Mr. Mickal checked and reviewed right-of-way plats and legal descriptions. He also prepared CAD deliverables for the client.



Firm employed by		<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		
Name	Bobbijo Vittorio	Years of relevant experience with this employer	5	
Title	Survey Technician	Years of relevant experience with other employer(s)	13	
Degree(s) / Years / Specialization		A.T. / 1991 / Commercial Advertising and Design B.S. / 2008 / Drafting and Design Technology		
Active registration number / state / expiration date		Not Applicable		
Year registered	Not Applicable	Discipline	Not Applicable	
Contract role(s) / brief description of responsibilities		Ms. Vittorio will serve as a Technician.		
<p>Ms. Vittorio's experience is in Land Permitting, Right of Way, Leasing, Ownership – Oil, Gas, Electric and Wind Acquisition Projects. Ms. Vittorio's main responsibilities include managing ownership boundary AutoCAD files and serving as a point of contact between survey, land, drafting and other divisions (both inside and outside of Fenstermaker) on various pipeline projects. Ms. Vittorio has acted as lead role for obtaining GIS/Shape files and Data Sets for purpose of setting up project work area in AutoCAD and google earth. This duty includes research and contact of State, Parish, County, City organizations to obtain the most current available data to incorporate with the work being performed for each specific project. In addition, she has experience in setting up data sets in AutoCAD, GIS, KMZ and Xcel to accurately share information deemed necessary to project. Ms. Vittorio's experience with software includes AutoCAD, Google Earth, Global Mapper, QGIS Photoshop, Illustrator, and is currently taking courses to further knowledge of ArcGIS Pro.</p>				
09/21-06/22 <b>Project #3</b>	<p><b>LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA)</b> This project included the design of a new roadway beginning at the intersection of LA 3212 (Prairie Rd) and Grand Prairie Rd with an approximate 1,300-foot extension that intersects with LA 675 (Jefferson Island Rd). Significant features of this project include a 5-legged roundabout, a boulevard extension, and outfall channel re-grading. Ms. Vittorio revised topographic features on the roundabout plats and created legal descriptions.</p>			
09/20-ongoing	<p><b>LUS As-Needed Surveying Services (Lafayette Parish, LA)</b> Lafayette Utilities System (LUS) currently retains Fenstermaker for as-needed surveying services for property/servitude acquisitions. Fenstermaker has performed boundary survey and has staked rights of way on the following roads on several roads throughout the Parish. Ms. Vittorio's survey technician duties include setting up working files for individual work orders; mapping properties, rights-of-way, and servitudes; creating property corners; drafting stakeouts; and researching tracts of interest.</p>			
01/21-07/21	<p><b>Lead Rail Relocation Right of Way Maps (Port of Lake Charles) (Calcasieu Parish, LA)</b> Fenstermaker completed the topographic and boundary field surveys, established control, post-processed data, reviewed title reports, established property boundaries and mapped encumbrances for the approximately 0.75-mile Railroad Relocation for the Port of Lake Charles in Lake Charles, Louisiana. LADOTD survey feature codes were utilized for this project, and LADOTD Right of Way maps along with COGOWIN legal descriptions were created. The maps followed the specifications set forth in the LADOTD Location &amp; Survey manual in conjunction with direction from LADOTD agents. Maps went through LADOTD's internal review process and have been accepted for final recordation. Ms. Vittorio was responsible for the preparation of right-of-way plats, boundaries, and legal descriptions.</p>			
06/21-05/22	<p><b>Apollo Rd at LA93 (Dulles Dr) Roundabout (Lafayette Parish, LA)</b> Fenstermaker performed all topographic survey of cross streets and road tie-ins, cross sections for the purpose of an existing elevation DTM and location of all parcel boundaries affected by the proposed right-of-way. Additionally, surveying services included ASFD survey of all drainage laterals and drainage structures for hydraulic analysis and location of all utilities and topographic features within an identified area. Major</p>			

	drainage improvements along with the newly created roadway have created opportunities for residential and commercial developments. Ms. Vittorio assisted with property research, quality control of plat preparation and legal descriptions.
06/21-09/22	<b>Abbey Court Development (Lafayette Parish, LA)</b> Fenstermaker reviewed the improvements that the City of Carencro owned after the construction of the Abbey Road Subdivision. This subdivision construction project included the installation of all components of water, sewer, drainage, and asphalt roadway. During construction, Fenstermaker provided inspection services, reviewed construction submittals, and worked with the engineer of record to resolve conflicts experience during construction. Ms. Vittorio revised topographic survey plats, researched reference plats, mapped all lots and tracts in the development, and drafted a letter of explanation regarding inconsistencies found during mapping.
04/22-04/22	<b>2015 Wastewater Force Main Improvements Phase II (Lafayette Parish, LA)</b> The City of Carencro contracted Fenstermaker to prepare plans and specifications for the City's 2015 Wastewater Force Main Improvements – Phase I and II and to oversee construction. This project will result in diverting all waste from the retired Manola Wastewater Treatment Plant to the new Post Road Wastewater Treatment Plant. Fenstermaker's survey team completed topographic and boundary surveys and generated right-of-way plats. Additionally, Fenstermaker worked with the City to review Louisiana Facility Planning and Control Capital Outlay application documentation. The City was awarded \$5.6M to complete all phases of the Wastewater Force Main Improvement project. Ms. Vittorio was responsible for the preparation of the survey stakeout file for the boundary on west railroad.
12/22-12/22	<b>H.015126 Baker Overlay (East Baton Rouge Parish, LA)</b> The City of Baker selected Fenstermaker for an overlay project on approximately 1.25 miles of roadway along Baker Blvd. The project's goal is to mill and overlay approximately 6,600 feet of roadway and identify patching locations. Ms. Vittorio reviewed all data collected by field crews.
12/22-02/23	<b>Bedico Faubourg Interconnect Survey (St. Tammany Parish, LA)</b> Fenstermaker performed topographic and boundary/right-of-way survey for St. Tammany Parish's water main improvements from Bedico Boulevard to Fox Run Boulevard. The interconnect project included the construction of 5,000 linear feet of 12-inch water main along Louisiana Highway 1085 (LA-1085) from the Bedico Boulevard entrance from the Bedico Creek Subdivision to the Red Fox Run Boulevard Entrance to the Fox Branch Subdivision. The proposed 12-inch water main was constructed to connect the Bedico Creek and Faubourg Coquille public water systems. Ms. Vittorio tagged information for plan and profile plats and performed QA/QC to ensure accuracy. She revised all preliminary sheet plans and profile plats and provided updated DWG and PDF files.
09/23-11/23	<b>First Solar Plant- Boundary/Lease/ALTA (Iberia Parish, LA)</b> First Solar selected the grounds of the Acadiana Regional Airport in Iberia Parish for the location of its fifth U.S. solar panel manufacturing facility plant. The new facility will encompass more than 2 million square feet. Rudolph Libbe, Inc., the project's general contractor, tasked Fenstermaker with performing boundary, lease, and ALTA survey services for the project area. Fenstermaker also performed a topographic survey of the site. Ms. Vittorio reviewed the title and mapped boundaries for all subject tracts with the project's area. She prepared boundary plats in CAD and prepared lease plats of the proposed property. She conducted research for right-of-way (ROW) agreements along Louisiana Highway 3212 in New Iberia, prepared stakeout files for additional surveys, and prepared ALTA plats.

## SECTION 17





## 17. Firm Experience:

Firm name	<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		Discipline(s)*	Survey
Project name	LA 3002: U-Turn in Denham Springs		Firm responsibility (prime or sub?)	Prime
Project number	H.011014	Owner's name	City of Denham Springs	
Project location	Livingston Parish		Owner's Project Manager	Joan LeBlanc
Owner's address, phone, email	116 N Range Avenue, Denham Springs, LA 70726 , (225) 667-8121, cityclerk@cityofdenhamsprings.com			
Services commenced by this firm (mm/yy)	12/13	Total consultant contract cost (\$1,000's)		\$146
Services completed by this firm (mm/yy)	05/17	Cost of consultant services provided by this firm (\$1,000's)		\$136

**Project Description:** LA 3002 is a highly traversed roadway with limited areas to travel in the opposing direction. Fenstermaker was contracted to design a new roadway U-Turn between North Range Road and South Range Road (LA 3002). There were access management issues at the intersection. Installing a U-turn allowed for a safer, more productive flow of traffic along this busy section of roadway while managing access. Fenstermaker provided engineering, surveying, and geotechnical engineering, and oversaw geotechnical activities for the client for the design of a new roadway U-turn intersection. Fenstermaker developed preliminary and final plans illustrating the implementation of the site improvements within the entire limits of the project. Fenstermaker provided the design of the roadway and geometrics, intersection design, subsurface drainage, and pavement design.

Control for the project was set at key points around the project area to ensure use during construction activities. Fenstermaker leveraged OPUS solutions and level loops to generate state plane coordinate values. Once the control was set, Fenstermaker conducted a topographic survey within the project area that included the location of existing driveways, roadway surfaces, vegetation, building lines, parking lots, medians, and stripping. After the topographic survey was completed, Fenstermaker focused on setting up the boundaries of the adjacent properties and the existing right of way within and around the project area. This information was utilized to generate LADOTD style right of way maps in MicroStation while legal descriptions were generated using LADOTD's COGWIN software. With this information the department was able to acquire the property necessary to construct the project.

**Key Personnel:** Travis Bodin | Bobby Guillory | Bradford Millett





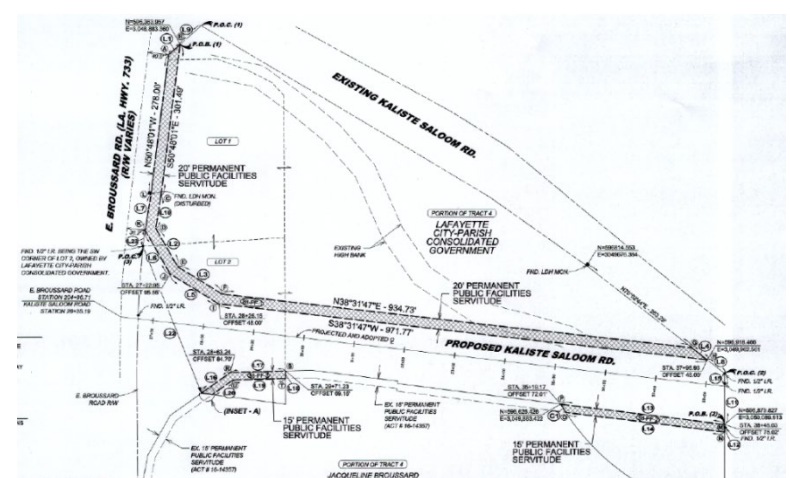
Firm name	<b>C. H. Fenstermaker &amp; Associates, L.L.C.</b>		Discipline(s)*	Survey
Project name	Kaliste Saloom Road Widening, Intersection Improvements, Bridge & CE&I (LA 3073 to LA 733)		Firm responsibility (prime or sub?)	Prime
Project number	Not applicable	Owner's name	Lafayette Consolidated Government	
Project location	Lafayette Parish		Owner's Project Manager	Warren Abadie, P.E.
Owner's address, phone, email	101 Jefferson Street, Suite 202, Lafayette LA 70501, (337) 291-8548, WAbadie@LafayetteLA.gov			
Services commenced by this firm (mm/yy)	11/08	Total consultant contract cost (\$1,000's)		\$6,160
Services completed by this firm (mm/yy)	06/23	Cost of consultant services provided by this firm (\$1,000's)		\$3, 561

**Project Description:** The Kaliste Saloom Road Widening Project is a \$35 million construction project designed to be a walkable urban thoroughfare with shared bicycle lanes and 8-ft wide sidewalks in accordance with Complete Streets and Context Sensitive Solutions guidelines. Fenstermaker was responsible for the surveying, right-of-way platting, engineering design, construction plan development, and CE&I to widen Kaliste Saloom Road, an over-capacity major arterial roadway, from a 2-lane asphalt roadway to a 5-lane road with a continuous center turn-lane concrete roadway for approximately 1.7 miles. Fenstermaker both recommended and developed a line and grade study to the client to analyze optimal alignment and widening options based upon minimizing impacts and costs. In addition, Fenstermaker was responsible for the design of all water and sewer utility relocations as well as drainage outfalls presented as stand-alone construction plans and construction efforts.

The first activity along the project route was setting highly accurate permanent control that would last through the construction phase of the project. Fenstermaker picked specific locations, ran level loops, and logged OPUS solutions on each control point before beginning the topographic survey activities. Since the project corridor contained a significant number of utilities, Fenstermaker placed LA One Calls and coordinated with each utility owner to locate their infrastructure and conduct a plan in hand meeting on site to review the findings.

Fenstermaker thoroughly reviewed the abstracting information provided by LCG and conducted additional court house research as needed. This information was relayed to the field crews to complete the field activities in support of right-of-way plat generation.

**Key Personnel:** Travis Bodin | Bradford Millett | Jason Hebert | Lance Fontenot | Bobby Guillory | Joe Broussard

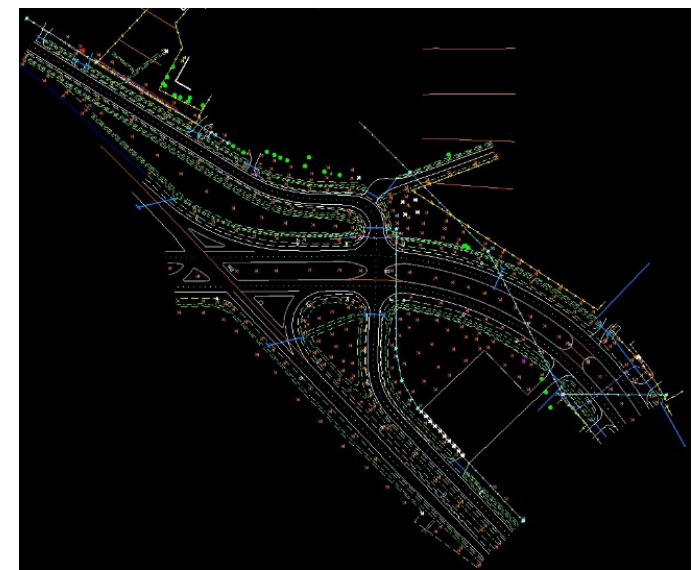
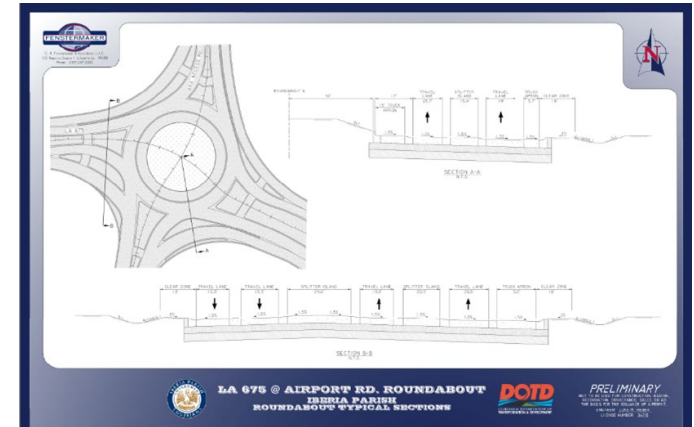


Firm name	C. H. Fenstermaker & Associates, L.L.C.		Discipline(s)*	Survey
Project name	LA 675 Roundabout at Acadiana Regional Airport Access Roadway			Firm responsibility (prime or sub?)
Project number	H.012792	Owner's name	Iberia Parish Government	
Project location	Iberia Parish		Owner's Project Manager	Larry Richard, Parish President
Owner's address, phone, email	300 Iberia Street, Suite 400, New Iberia, LA 70560, (337) 365-8246, mlarryrichard@iberiagov.net			
Services commenced by this firm (mm/yy)	03/17	Total consultant contract cost (\$1,000's)		\$206
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$205

**Project Description:** Fenstermaker designed the original Acadiana Regional Access Roadway project to provide a more direct access path to the Acadiana Regional Airport. The original project consisted of a two-lane roadway that connects LA 3212 and LA 675 in New Iberia, with room for a future four-lane roadway. This design consisted of the main roadway, one single lane roundabout, and a two-lane roadway that will connect the main road to US-90 Frontage Road. Fenstermaker provided topographic survey services, created the roadway plan and profile, designed the roundabout, designed drainage, and completed the project's environmental assessment. For the current project, Fenstermaker prepared construction plans and acquisition documents for the LA 675 Roundabout at Acadiana Airport Access Roadway. This roadway project will begin north of the intersection of LA 675 (Jefferson Island Road) and Acadiana Regional Access Road (ARA Access Road). The ARA Access Road will be extended to the south to connect to LA 675. The roundabout will be constructed at this connection and will consist of a single circulatory lane and single-entry lanes with dedicated right-turn lanes. Reconstruction of the US Frontage Road will also be completed.

Fenstermaker's surveying tasks for the LA 675 Roundabout project included setting the survey's primary and secondary controls using GPS static observations and data collected at the project site. Survey crews collected topographic survey data using feature-based surveying techniques, including GPS and conventional survey methods. The existing roadway sections were collected at 100-foot intervals. Other data collected on the project site included fence lines, sheds, building outlines, power poles, driveways, bushes, trees, elevation changes, and parking lots. All survey information was post-processed within InRoads and recorded to comply with the LADOTD Location and Survey CAD line styles, line weights, symbols, color table, and level names. Fenstermaker also completed multiple LA One Call notifications for the project. Once each One Call Ticket was matured (48 hours) or after the requested utility company had marked their line, Fenstermaker surveyed in all the markings in the field left by the utility companies.

**Key Personnel:** Travis Bodin | Bradford Millett | Kyle Mickal | Bobbijo Vittorio | Bobby Guillory





Firm name	C. H. Fenstermaker & Associates, L.L.C.		Discipline(s)*	Survey
Project name	Coach Williams Drive Extension & Roundabout		Firm responsibility (prime or sub?)	Prime
Project number	Not applicable	Owner's name	Calcasieu Parish Police Jury	
Project location	Calcasieu Parish		Owner's Project Manager	Allen Wainwright, P.E.
Owner's address, phone, email	1015 Pithon Street, Lake Charles, LA 70601, (337) 721-3700, awainwright@calcasieu.gov			
Services commenced by this firm (mm/yy)	04/15	Total consultant contract cost (\$1,000's)		\$3,264
Services completed by this firm (mm/yy)	03/24	Cost of consultant services provided by this firm (\$1,000's)		\$2,345

**Project Description:** Fenstermaker served as the prime consultant on this \$18.4 million, multidisciplinary project consisting of engineering design services for the construction of the extension of Coach Williams Drive to connect to Houston River Road (LA 379). This roadway design measured approximately 3 miles in length and was designed as a 2-lane open ditch urban collector. This roadway was built through approximately 5.7 acres of jurisdictional wetlands, traversed abandoned borrow pits, and crossed the Sabine River Irrigation Canal and an operating railroad spur. The construction included a new roundabout at the intersection of Coach Williams Drive and Old Spanish Trail.

Fenstermaker performed environmental assessments prior to roadway design, drainage design, pavement design, and the geometrics of the road. This included performing quality assurance and quality control on the wetland delineation data, report preparation, and permitting. The Environmental Division also secured the USACE Jurisdictional Determination and USACE Permits for jurisdictional wetland and water impacts.

To complete the data collection phase of the project, Fenstermaker worked with existing landowners to obtain right of entry agreements before conducting survey activities. Once the documents were in place, Fenstermaker performed a route survey along the project alignment to obtain the necessary topographic information to complete the design of the project. The survey of the SRA canal was handled with care due to the sensitive nature of the canal and the surrounding area. Fenstermaker utilized hand-launched boats to collect soundings of the canal for the proper design of the crossing. Right-of-way and boundary information was collected to generate the right-of-way plats and descriptions to support the appraisals and property acquisition documents.

**Key Personnel:** Travis Bodin | Bradford Millett | Jason Hebert | Bobby Guillory | Lance Fontenot | Justin Bordelon | Rex Jones



Firm name	C. H. Fenstermaker & Associates, L.L.C.		Discipline(s)*	Survey
Project name	US 190 & 4-H Club Road (LA 1032) Turn Lanes		Firm responsibility (prime or sub?)	Prime
Project number	H.008173	Owner's name	Louisiana Department of Transportation and Development	
Project location	Livingston Parish		Owner's Project Manager	Jesse McClendon, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, (985) 375-0103, jesse.mcclendon@la.gov			
Services commenced by this firm (mm/yy)	09/12	Total consultant contract cost (\$1,000's)		\$83
Services completed by this firm (mm/yy)	07/13	Cost of consultant services provided by this firm (\$1,000's)		\$0.75

**Project Description:** Fenstermaker completed the Stage 0 Scope, Budget Checklist, and Environmental Checklists for the proposed left turn lanes on 4-H Club Road at US 190 (Florida Ave) and LA 3003 (Rushing Road) in October of 2011. Fenstermaker began the preliminary design for the project in November 2012. The major design features of the proposed project were the addition of turn lanes along the 4-H Club Road corridor, the installation of additional pavement for the right turn movement from 4-H Club Rd to Rushing Road and installing additional subsurface drainage along 4-H Club Road. An additional turn lane was proposed for the northbound traffic along 4-H Club Rd to allow right turning traffic from Rushing Rd to continuously flow when taking a right turn onto Florida Blvd. A left turn lane was proposed for southbound traffic along 4-H Club Road onto Rushing Road. Major utility relocation coordination was required on this project.



Fenstermaker set permanent control along the project area and used OPUS solutions to acquire real world coordinates for survey use. Once the project control was reviewed and approved, a full topographic survey of the project corridor was completed, coordinating including LA One Call, locating utilities, and reviewing the existing drainage and cross section information every 100 foot along the existing roadway sections. Before conducting field activities to delineate the existing right-of-way and the property boundaries along the project route, To develop the necessary right-of-way maps for property acquisition, Fenstermaker worked with a DOTD certified abstractor to conduct courthouse research and obtain needed records. Upon completion of the design phase of the project, right-of-way maps and legal descriptions were prepared to LADOTD standards for all right-of-way acquisitions.

**Key Personnel:** Travis Bodin | Bobby Guillory



## SECTION 18



## **18. Approach and Methodology:**

Fenstermaker has been a trusted provider of professional surveying and mapping services in Louisiana for over 75 years. As a leading consulting firm, we are staffed with highly skilled professionals who possess extensive expertise across a broad range of surveying disciplines, including topographic and boundary surveys, aerial surveying, photogrammetry, hydrographic surveys, magnetometer surveys, and the development of benchmarks, cross-sections, maps, plats, and high-accuracy control networks.

Our licensed professional land surveyors have a proven record of delivering comprehensive surveying solutions for private clients, industrial partners, and governmental agencies. Fenstermaker has successfully supported numerous large-scale, complex projects for the Louisiana Department of Transportation and Development (LADOTD), demonstrating both technical expertise and a deep commitment to quality. Our experienced personnel and qualified support staff are well-equipped to manage and deliver the full range of services required under this IDIQ contract.

Having worked closely with LADOTD on a variety of survey projects over many years, Fenstermaker possesses a thorough understanding of LADOTD's processes, standards, and project requirements. We are well-versed in addressing the challenges inherent to survey operations, including acquiring rights-of-entry from property owners, locating utilities to mitigate potential conflicts, and identifying unforeseen site conditions that could impact project development.

As the first personnel mobilized to the field, our survey crews serve a vital role in the overall project lifecycle — providing critical on-site observations and real-time feedback to LADOTD that supports effective planning and early decision-making. Our crews act as the eyes and ears on the ground, ensuring that LADOTD is informed of key site conditions during the initial stages of a project.

Fenstermaker's objective for this IDIQ is to provide accurate, reliable, and actionable survey data necessary for the preparation of project plans, specifications, and designs. Leveraging our extensive experience on similar projects and our strong local knowledge, our team is committed to delivering a high-quality product — efficiently executed, completed on schedule, and within budget — in full alignment with LADOTD's expectations.

### **Task Order Execution**

Upon receipt of an individual Task Order (TO), Fenstermaker will conduct a thorough review of the project limits and engage with LADOTD staff to address any questions or clarifications. Prior to mobilization, we will develop a detailed scope of work, schedule, and cost estimate for LADOTD review and approval. Once authorized, a Project Kick-Off Meeting will be scheduled to review the survey plan, address anticipated challenges, survey limits, utility conflicts, right of way widths, and discuss any potential conflicts identified through desktop analysis using the latest available aerial imagery.

Our project teams leverage decades of experience to recommend the most effective survey methods for each project — including non-conventional approaches when conditions warrant. Should additional obstacles arise during field operations, our crew will immediately notify LADOTD to ensure proactive resolution and avoid delays.

## Survey Control & Field Procedures

Following LADOTD authorization and issuance of a Notice to Proceed (NTP), Fenstermaker will implement survey control activities in strict accordance with the latest version of LADOTD's Location and Survey Manual. Prior to setting project control, LaOne Call will be contacted for utility location within the proposed survey limits, allowing for the required 48-hour response period.

Control points will be established using a total of 12 hours of GPS static observations tied to the Louisiana State Plane Coordinate System, NAD-83 datum, referencing approved LADOTD monuments or control from nearby projects if necessary. Benchmarks will be set at all major intersections, stream crossings, and intervals not exceeding 1,000 feet, in compliance with LADOTD standards. A Survey Line and level loop will be completed, and a Control Sketch along with the corresponding deliverable data will be submitted to LADOTD for review prior to commencing the topographic survey.

## Utility Identification & Coordination

Fenstermaker maintains strong working relationships with utility providers across Louisiana. Our team will identify utilities at the outset of the project, providing LADOTD with comprehensive documentation to facilitate coordination and design. Throughout the topographic survey, any newly identified utilities will be located and promptly reported. If utility coordination services are required, Fenstermaker will document all correspondence and provide LADOTD with as-built information and a detailed utility log. In the event that a known utility company does not respond, Fenstermaker will make a minimum of three (3) attempts to contact before engaging LADOTD's Project Manager and the Location and Survey Administrator. If SUE services are required, Fenstermaker will work closely with the service provider to collect the required information for the project.

SHEET 1 OF 1

## TEMPORARY BENCH MARK TABULATION

(DATA OBTAINED BETWEEN FOREWARD RUN AND PROFILE OR BETWEEN FOREWARD RUN AND BACKWARD RUN)

STATE PROJECT NO.

H.014274 CP#: 15-SW-US-0005

EAST BATON ROUGE                      PARISH

BM to BM	AMOUNT OF MISCLOSURE	APPROXIMATE DISTANCE ALONG LINE OF LEVELS IN MILES (ONE DIRECTION)	ALLOWABLE MISCLOSURE	REMARKS
CP-5 to CP-5	0.001	0.230	0.017	Loop includes TBM 3, 4 & 12
CP-5 to CP-5	0.000	0.238	0.017	Loop includes TBM 5, 6 & 7
TBM 7 to TBM 7	0.000	0.322	0.020	Loop includes TBM 8 & 9
TBM 9 to TBM 9	0.002	0.314	0.020	Loop includes TBM 10 & 11
TBM 12 to TBM 12	0.002	0.114	0.012	Loop includes TBM 13
TBM 13 to TBM 13	0.001	0.315	0.020	Loop includes TBM 14, 15 & 16

Upon completion of utility identification, a Utility Location Form will be submitted to LADOTD showing precise horizontal and vertical measurements to the nearest 0.10 foot, as specified in LADOTD's Location and Survey Manual.



### **Topographic Survey Execution**

Fenstermaker will conduct all survey activities in accordance with modern surveying practices and LADOTD's Location and Survey Manual. Existing topographic features such as roadways, utilities, trees, drainage structures, and buildings will be located within specified project limits. Unless dictated otherwise in the project kick-off meeting, survey coverage will generally extend:

- 500 feet beyond project termini
- 150 feet into intersecting streets within subdivisions
- 50 feet beyond each proposed right-of-way line
- 200 feet along intersection legs
- 1,000 feet at railroad crossings
- 1,500 feet near aircraft runways
- 300 feet along streams and drainage canals

When site conditions require enhanced safety or efficiency — such as large-scale areas, highly congested corridors, or high-traffic environments — Fenstermaker may utilize advanced surveying technologies including High-Definition Terrestrial Laser Scanning, Mobile or Unmanned Aerial LiDAR, and Photogrammetry. These tools enable the collection of highly accurate data while minimizing field exposure and maximizing efficiency.

### **Hazardous Areas & Right-of-Way Identification**

Should field crews encounter any suspected hazardous waste or disposal areas, LADOTD will be notified immediately to prevent delays in construction. Apparent right-of-way and property lines will be established based on recovered field evidence and property corners, with supplemental information gathered from landowners when available. Apparent lines will be tied to the survey line and provided to LADOTD; full boundary surveys will be performed only at LADOTD's direction.

### **Drainage Maps**

As part of our approach to developing the drainage map, we will integrate the Topographic and Alignment Survey DGN with supplemental data sources such as aerial imagery, LiDAR, and USGS quadrangle maps, all referenced to the established project coordinate system. Drainage features will be delineated up to 300 feet beyond the survey limits to capture contributing surface conditions, with unverified elements assigned static elevations to preserve data clarity. Structures such as bridges, cross drains, and culverts will be attributed with size, material, and invert elevations, with cross-sections provided where relevant. Flow direction will be graphically represented using standardized arrows to illustrate surface and subsurface drainage patterns. Drainage areas will be defined using ridge delineations and labeled by area, ensuring each cross drain is tied to a corresponding basin. All mapping will conform to LADOTD's Location and Survey standards and include a project note detailing data sources and applied methodologies.



### Deliverables

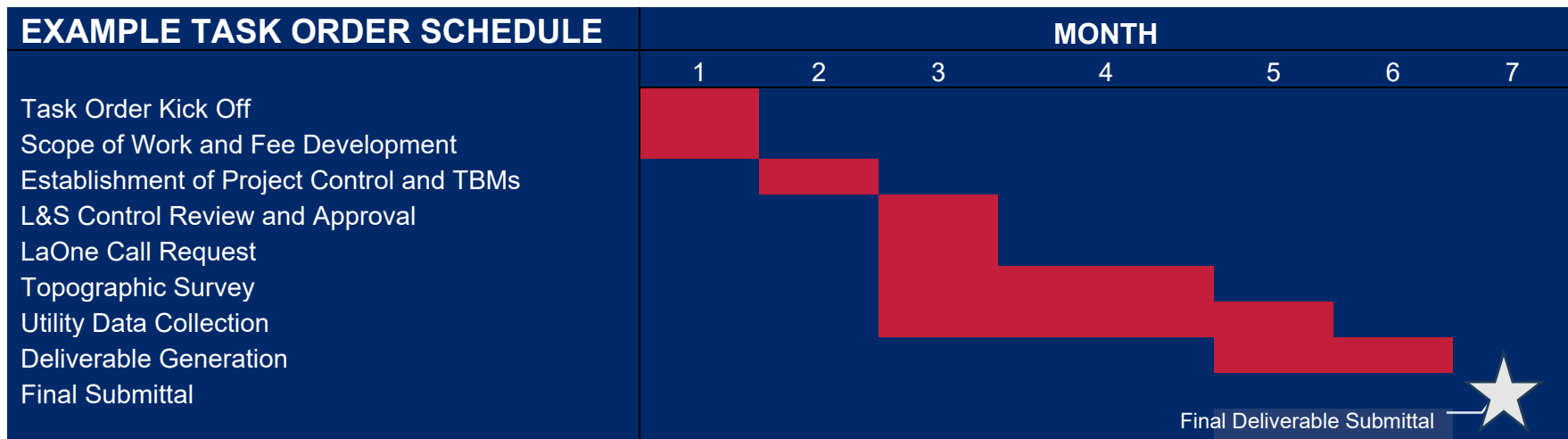
Fenstermaker is exceptionally knowledgeable in LADOTD's Location and Survey submittal requirements and will provide a complete and accurate deliverable package tailored to each project. Deliverables will include, but are not limited to:

- Location Survey Checking Form
- Location Report Form
- Control Sketch
- Benchmark and Temporary Benchmark Tabulations
- Drainage Structure Forms
- Centerline Closure Check
- OPUS Solutions
- Utility Documentation (including Form 10-006)
- Redlined Parish or City Maps
- Alignment Reports & .alg Files
- Field Rolls and Certified Field Notes
- Property Maps (if applicable)

All deliverables will be provided in LADOTD's approved formats and software platforms.

### Commitment to Quality & Project Success

Fenstermaker fully understands the complexities and challenges of transportation-related survey projects and is committed to providing LADOTD with high-quality, reliable data that supports successful project development. Our team is staffed with highly qualified professionals whose combined expertise and local knowledge uniquely position us to efficiently execute project tasks while maintaining schedule and budget requirements. With a proven track record of successfully delivering survey services to LADOTD and other agencies throughout Louisiana, Fenstermaker stands ready to respond to task orders and provide the resources, experience, and commitment necessary to support LADOTD's mission.



*Note: Schedule reflects an average Topographic Survey and may vary depending on context of project scope, review times, etc. For more complex project scopes, an average duration of 10 months could be anticipated.*

## SECTIONS 19 - 23



## 19. Workload:

Firm(s) <b>ALL FIRMS</b> 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	\$16,514
	Road	Contract No. 4400020291 State Project No. H.012869	LA 182 (UNIV) @ LA 723(RENAUD) Roundabout LA 182 and LA 723	\$167,950
	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	\$55,550
	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	\$82,800
	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	\$1,855
	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	\$57,000
	Bridge	Contract No. 4400025023 State Project No. H.015511	Infrastructure Investment and Jobs Act (IIJA) Off- System Bridge Program District 03 E. Martial Ave. Over Coulee	\$27,500
	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	\$66,400
	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	\$82,000
	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	\$2,500



	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	\$69,400
	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	\$64,900
	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	\$121,400
	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	\$68,600
	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	\$70,350
	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	\$112,300
	Road	Contract No. 4400025625 State Project No. H.014622.2	St. Nazaire Road Ext: LA 96 – Corne Road	\$236,481
	Environmental	Contract No. 4400027474	IDIQ Contract for Environmental Permitting and Biological Services Task Order No. 1 MS4 Permitting Support East Baton Rouge Parish District 61	\$2,348




## 20. Certifications/Licenses:



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

**Mr. Travis Steven Bodin**

License/Certificate Type - Number	Expiration Date
<b>PLS.0005067</b>	<b>03/31/2026</b>
Status: <b>Active</b>	



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

**Mrs. Bradford Habetz Millett**

License/Certificate Type - Number	Expiration Date
<b>PLS.0005245</b>	<b>03/31/2027</b>
Status: <b>Active</b>	



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

**Mr. Justin Beau Bordelon**

License/Certificate Type - Number	Expiration Date
<b>PLS.0005271</b>	<b>03/31/2026</b>
Status: <b>Active</b>	



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

**Mr. Rex Randall Jones**

License/Certificate Type - Number	Expiration Date
<b>PLS.0004873</b>	<b>09/30/2026</b>
Status: <b>Active</b>	



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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:** 7/17/2024

**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

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



**21. QA/QC Plan:**

**22. Sub-consultant information:**

<b>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>)</b>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>





**23. Location:**



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