



All South Consulting Engineers, LLC
652 Papworth Avenue, Metairie, Louisiana 70005
Office: (504) 322-2783 | Fax: (504) 322-2787

IDIQ CONTRACT FOR
**PROFESSIONAL HYDROGRAPHIC
SURVEYING SERVICES (SOUTH REGION)
STATEWIDE**

Contract No. 4400035404

JUNE 11, 2026



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

SECTIONS 1-11

PROPOSAL INFORMATION

DOTD FORM: 24-102

(Revised August 11, 2025)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

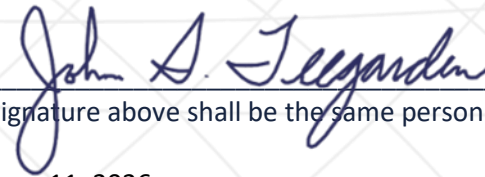
ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract Name as shown in the advertisement	IDIQ CONTRACT FOR PROFESSIONAL HYDROGRAPHIC SURVEYING SERVICES (SOUTH REGION) STATEWIDE
2. Contract Number(s) as shown in the advertisement	Contract No. 4400035404
3. State Project Number(s), if shown in the advertisement	N/A
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>)	ALL SOUTH CONSULTING ENGINEERS, LLC 
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Louisiana Civil Engineer License EF.0003140 Louisiana Survey License VF.0000730
6. Prime consultant mailing address	652 Papworth Avenue, Metairie, Louisiana 70005
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	652 Papworth Avenue, Metairie, Louisiana 70005
8. Name, title, phone number, and email address of prime consultant's contract point of contact	John S. Teegarden, PLS, Vice President 504-322-2783 jteegarden@ascellc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	John S. Teegarden, PLS, Vice President 504-322-2783 jteegarden@ascellc.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.

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



Signature above shall be the same person listed in Section 9:

June 11, 2026

Date:

Firm(s):

Firm(s)' %:

SECTION 12

DISCIPLINE TABLE

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	90%
Data Collection	10%

SECTION 13

FIRM SIZE

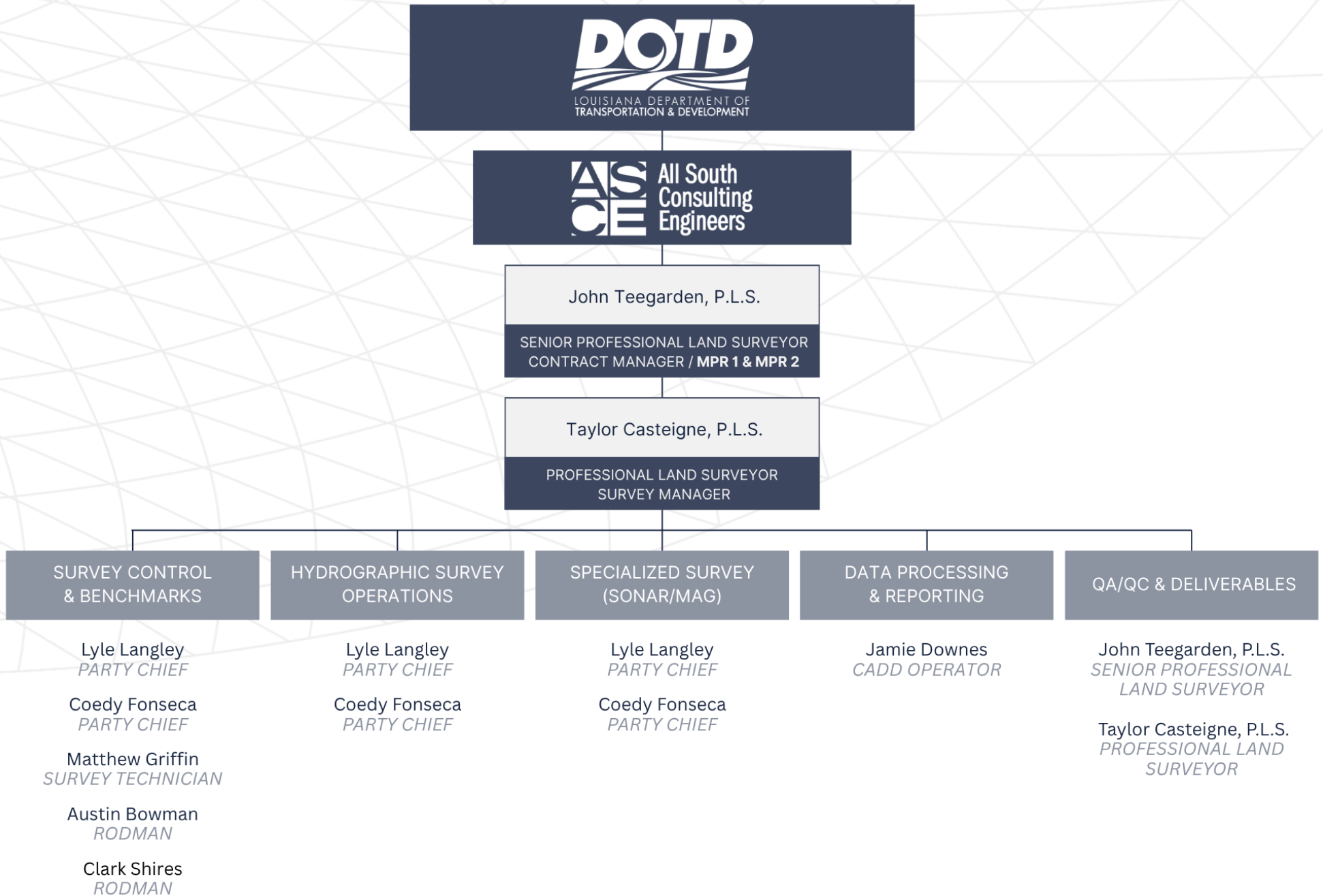
13. FIRM SIZE:

Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this contract *	Total number of personnel available in this DOTD Job Classification (if needed)
ALL SOUTH CONSULTING ENGINEERS, LLC 	Accountant		2
	Administrative		1
	CADD-Operator	1	5
	Clerical		9
	Engineer Intern		9
	Inspector		9
	Inspector Certified		3
	Party Chief	2	2
	Professional		1
	Project Office Manager		1
	Principal		3
	Rodman	2	3
	Supervisor-Eng		13
	Supervisor-Other		3
	Surveyor	2	2
	Technician	1	1
	Other- Grant Manager		13

SECTION 14

ORGANIZATIONAL CHART

14. ORGANIZATIONAL CHART:



SECTION 15

MINIMUM PERSONNEL REQUIREMENTS

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	John S. Teegarden, PLS	ALL SOUTH CONSULTING ENGINEERS, LLC 	P.L.S. – LA License No. 4635	LA	3/31/2027
2	John S. Teegarden, PLS		P.L.S. – LA License No. 4635	LA	3/31/2027

SECTION 16

STAFF EXPERIENCE

16. STAFF EXPERIENCE:

Firm employed by		 All South Consulting Engineers		
Name	John Teegarden, P.L.S.		Years of relevant experience with this employer	11
Title	Principal, Senior Professional Land Surveyor		Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization		International Correspondence School, Surveying and Mapping Course (2-year course completed)		
Active registration number / state / expiration date		4635 / Louisiana / 3/31/27 ATSSA Traffic Control Supervisor, ATSSA Flagger		
Year registered	1990	Discipline	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities		Meets MPRs 1 & 2 <i>SENIOR PROFESSIONAL LAND SURVEYOR</i> Mr. Teegarden will provide overall project management, professional oversight, QA/QC review, and responsible charge of all hydrographic surveying services, deliverables, and survey personnel.		
Experience dates	Experience and qualifications relevant to the proposed contract			
	John S. Teegarden, PLS joined All South Consulting Engineers, LLC in 2014 as Vice President and Survey Division Manager. He has over 30 years of experience in boundary, topographic, hydrographic, industrial, and construction surveying, with expertise ranging from high-precision survey control to coastal restoration and GPS-based projects. Over his career, Mr. Teegarden has led or participated in surveys for municipal, state, and federal clients, including the U.S. Army Corps of Engineers, and has supervised numerous hydrographic surveys throughout Coastal Louisiana, including Breton Sound, the Barataria Basin, and the lower Mississippi River.			
06/21 – 11/22	TE-0165 Houma Navigation Canal (HNC) Bird Island Restoration <i>Terrebonne Parish, Louisiana</i> <i>SENIOR PLS, SURVEY LEAD</i> Mr. Teegarden served as Senior Land Surveyor for the HNC Bird Island Restoration Project, supervising topographic and bathymetric surveys to support the island’s rehabilitation and expansion. He directed survey crews in collecting data across challenging marsh and open-water conditions, including hydrographic surveys of borrow areas and shoreline features. His oversight ensured accurate survey deliverables for use in geotechnical analysis, wave modeling, and the design of rock dikes, breakwaters, and marsh creation features that restored critical bird and wetland habitats..			
05/25 – 12/25	River Reintroduction into Maurepas Swamp & West Shore Lake Pontchartrain Flood Risk Reduction <i>Gramercy, Louisiana</i> <i>SENIOR PLS, SURVEY LEAD</i> Mr. Teegarden is leading topographic surveying and inspection oversight for existing drainage culverts along Interstate 10 and LA-641, as well as the LA-641 bridge crossing. His responsibilities include directing field surveys to obtain accurate invert elevations, cross-sections, and digital terrain models to support the project’s hydraulic modeling. The work also requires coordination of dewatering, visual condition assessments of concrete and corrugated metal culverts, and documentation of settlement, blockages, and structural integrity. This data is being compiled into detailed sketches, profiles, and reports to provide reliable inputs for design and remediation planning.			
06/15 – 06/20	Breakwater Drive Improvements <i>New Orleans, Louisiana</i> <i>SENIOR PLS, SURVEY LEAD</i> Mr. Teegarden and his crew conducted a topographic survey for Breakwater Drive in New Orleans. He was tasked with identifying the scope of damaged elements inside the footprint of Breakwater Drive, while highlighting the facility’s history and cultural significance, as well as its pre-storm conditions and full description. From this survey All South identified additional facilities not directly within the footprint of the breakwater but that depend on it for protection (includes marinas, restaurants/vendors, housing, yacht clubs, a lighthouse, fishing piers, and more) and were able to provide cost estimates for the demolition and repairs of the damaged elements in the area.			

11/17 – Ongoing	Mid-Barataria Sediment Diversion <i>Plaquemines Parish, Louisiana</i> <i>SENIOR PLS, SURVEY LEAD</i> Mr. Teegarden conducted topographic and bathymetric surveys for the design of the Mid-Barataria Sediment Diversion Project in the Myrtle Grove area of Plaquemines Parish. This survey required a bathymetric survey of 12,000 feet of the Mississippi River, topographic surveys of the existing Mississippi River Levee and the adjacent woodlands and pasture to the Barataria basin. This project when completed will provide much needed sediment to rebuild the marshlands.
12/14 – Ongoing	Lake Lery Marsh Creation and Rim Restoration <i>St. Bernard Parish, Louisiana</i> <i>SENIOR PLS, SURVEY LEAD</i> Mr. Teegarden and his team conducted topographic and bathymetric surveys for the design of shoreline armoring and the creation and nourishment of the surrounding marshland. The work included standard GPS RTK survey work in coastal and marsh environments, a bathymetric survey of a large portion of Lake Lery and a magnetometer survey of the proposed borrow area and access routes.
05/15 – Ongoing	Morganza to Gulf Reach K and L Levee <i>Lafourche and Terrebonne Parishes, Louisiana</i> <i>SENIOR PLS, SURVEY LEAD</i> Mr. Teegarden conducted a survey of over 11 miles of levee alignment in Lafourche and Terrebonne Parishes. This survey was the basis for a permit application, as well as plans and specifications for the construction of a new levee. This survey also required the location of pipelines located by a magnetometer survey. Mr. Teegarden established GPS control, began completing the required levee cross sections of haul-in section, and completed the hydrographic survey of the adjacent bayou/canal to determine the borrow quantities for the levee lift.
01/18 – 08/18	Upper LA 45 Basin Tidal Surge Protection <i>Lafitte, Louisiana</i> <i>SENIOR PLS, SURVEY LEAD</i> Mr. Teegarden and his team conducted topographic, magnetometer and bathymetric surveys for the design of a tidal surge protection system for the Upper LA 45 basin in the Lafitte Levee District. The team surveyed three routes, one along Bayou Barataria for the design of a floodwall and two possible routes for a rear protection levee through swamp and marsh areas. RTK GPS, Robotic Total stations, remotely operated Z-Boat and a Marine Magnetics Sea-Spy magnetometer were used for this project.

Firm employed by		 All South Consulting Engineers	
Name	Taylor Casteigne, P.L.S.	Years of relevant experience with this employer	6
Title	Professional Land Surveyor	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		Bachelor of Science / 2019 / Geomatics	
Active registration number / state / expiration date		5291/ Louisiana / 3/31/27 ATSSA Traffic Control Supervisor	
Year registered	2022	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities		PROFESSIONAL LAND SURVEYOR Mr. Casteigne will manage field survey operations, coordinate hydrographic and topographic data collection efforts, and oversee processing, analysis, and preparation of survey deliverables.	
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Casteigne graduated from Nicholls State University with a B.S. in Geomatics and has served as party chief and draftsman on a variety of surveys. He is well versed in the latest surveying equipment technology to ensure fast and accurate surveys. For all projects, Mr. Casteigne performs/oversees the necessary field work for the survey, then processes the data into a field book file. He then imports the data into Auto CAD where it is used to build a TIN surface. With this surface cross sections are generated over the required areas based on the scope. Contours are then generated showing lines of constant elevation. The budgets for each project are tracked daily, thus ensuring that the surveys are completed on time and under budget. This includes placing LA One Call tickets, giving field crews the list of tasks needed to complete the project, and ensuring the projects are completed in an orderly fashion.		
06/21 – 11/22	TE-0165 Houma Navigation Canal (HNC) Bird Island Restoration Terrebonne Parish, Louisiana PROFESSIONAL LAND SURVEYOR Mr. Casteigne oversaw topographic and hydrographic survey services for the reconstruction of an island used as a migratory bird habitat. This included overseeing the completion of a topographic survey of the island, single beam, side scan sonar, and magnetometer surveys around the island and the borrow areas for the reconstruction work.		
06/20 – Ongoing	Mid-Barataria Sediment Diversion Plaquemines Parish, Louisiana PROFESSIONAL LAND SURVEYOR Mr. Casteigne performed full survey services including data collection, data processing, data management, CAD, and project budget oversight. This survey required a bathymetric survey of 12,000 feet of the Mississippi River, topographic surveys of the existing Mississippi River Levee and the adjacent woodlands and pasture to the Barataria basin. This project when completed will provide much needed sediment to rebuild the marshlands. This project was done at the request of AECOM for a sediment diversion project spanning from the Mississippi River to the Barataria basin.		
05/25 – 12/25	River Reintroduction into Maurepas Swamp & West Shore Lake Pontchartrain Flood Risk Reduction Gramercy, Louisiana PROFESSIONAL LAND SURVEYOR Mr. Casteigne is overseeing topographic, bathymetric, and magnetometer surveys to support design and permitting for the river diversion project. He supervises field survey teams, manages data collection and processing, and ensures accurate CAD deliverables and documentation to inform engineering design and environmental review. In addition, he is preparing to oversee survey data collection for culverts and bridge crossings critical to the project's drainage design, which will include detailed inspections and condition assessments once that phase is initiated.		
10/24 – 04/25	Eden Isle Flood Resiliency Survey St. Tammany Parish, Louisiana PROFESSIONAL LAND SURVEYOR Mr. Casteigne provided professional land surveying services for the Eden Isle Flood Resiliency Project, overseeing topographic, hydrographic, bathymetric, and magnetometer surveys across Lakeview Drive, Northshore Circle, Harbor Drive, and the community's interior canals. He coordinated survey control establishment, utility location, and right-of-way research, ensuring compliance with NAD 83 Louisiana South and NAVD 88 Geoid 18 standards. His responsibilities included managing data collection, quality control, and the		

	preparation of deliverables such as plan-profile sheets, cross sections, CAD models, and digital terrain files to support engineering design for future flood protection improvements.
03/22 – 07/22	Northshore Living Shoreline at Goose Point St. Tammany Parish, Louisiana <i>PROFESSIONAL LAND SURVEYOR</i> Mr. Casteigne performed full topographic and hydrographic services including data collection, data processing, data management, research, CAD, and project budget oversight. This included managing field crews during the data collection process ensuring that everything within the project scope was captured during the fieldwork. Oversight into the drafting process was another key responsibility for this project. This survey involved using single beam sonar to run cross sections extending out 1200ft into Lake Pontchartrain.
10/21 – 05/22	Des Allemands Bulkhead Improvements St. Charles Parish, Louisiana <i>PROFESSIONAL LAND SURVEYOR</i> Mr. Casteigne performed full topographic and hydrographic services including data collection, data processing, data management, research, CAD, and project budget oversight. This included managing field crews during the data collection process ensuring that everything within the project scope was captured during the fieldwork. Oversight into the drafting process was another key responsibility for this project.
06/20 – Ongoing	Morganza to Gulf Reach K Levee Improvements Lafourche Parish, Louisiana <i>PROFESSIONAL LAND SURVEYOR</i> Mr. Casteigne performed full topographic survey and CAD services for post construction inspection of over an 11 mile stretch of levee in order to raise the Levee so that it may serve as a barrier from storm surge located in Pointe Aux Chenes. This survey was the basis for a permit application, as well as plans and specifications for the construction of a new levee. This survey also required the location of pipelines located by a magnetometer survey. Mr. Casteigne established GPS control, prepared the required levee cross sections of haul-in section, and completed the hydrographic survey of the adjacent bayou/canal to determine the borrow quantities for the levee lift.

Firm employed by		 All South Consulting Engineers	
Name	Lyle Langley		Years of relevant experience with this employer
Title	Survey Party Chief		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		SOWELA Technical Community College, Drafting January 2012 - May 2012 & August 2004 - May 2005	
Active registration number / state / expiration date		ATSSA Traffic Control Supervisor, ATSSA Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		SURVEY PARTY CHIEF Mr. Langley will lead hydrographic survey crews, establish survey control, operate hydrographic equipment, and supervise the collection of accurate bathymetric and topographic field data.	
Experience dates	Experience and qualifications relevant to the proposed contract		
Mr. Langley has worked on a wide variety of surveying projects and assisted in the integration of a robotic total station and our hydrographic software to track the hydrographic boat in areas where GPS was not feasible. He has the necessary training to use hydrographic equipment, HDS Laser Scanner and is familiar with Hypack hydrographic software. His work experience includes hydrographic surveys using a rod and tape, a total station, GPS and single beam echo sounders to record the data, using side scan sonar to identify underwater obstructions and using a magnetometer to sweep for pipelines and other ferrous metal debris. He has supervised field crews on many topographic and boundary surveys			
06/21 – 11/22	TE-0165 Houma Navigation Canal (HNC) Bird Island Restoration Terrebonne Parish, Louisiana SURVEY PARTY CHIEF Mr. Langley performed topographic and hydrographic survey services for the reconstructions of and island used as a migratory bird habitat. This included performing topographic survey of the island, and single beam, side scan sonar, and magnetometer surveys around the island and in the borrow areas for the reconstruction.		
11/17 – Ongoing	Mid-Barataria Sediment Diversion Plaquemines Parish, Louisiana SURVEY PARTY CHIEF Mr. Langley is currently working on the Mid Barataria Sedimentation Diversion Project which will provide much needed sediment for the rebuilding of the Barataria basin land mass. The surveying services included in this project are establishing survey control using GPS, topographic surveys of the existing Mississippi River levee, topographic survey of 2.3 miles LA Hwy. 23 for design of a bridge over the diversion channel, a bathymetric survey which will included both single beam and multi beam hydrographic surveys in the Mississippi River, survey of the proposed diversion channel corridor from the Mississippi River to the Barataria basin, and surveying the interior drainage features both above and below the diversion channel so they can be modeled to show the effects of the channel construction.		
12/14 – Ongoing	Lake Lery Marsh Creation and Rim Restoration St. Bernard Parish, Louisiana SURVEY PARTY CHIEF Mr. Langley provided topographic and bathymetric surveys for the design of shoreline armoring and the creation and nourishment of the surrounding marshland. The work included standard GPS RTK survey work in coastal and marsh environments, a bathymetric survey of a large portion of Lake Lery and a magnetometer survey of the proposed borrow area and access routes.		
03/15 – Ongoing	Morganza to Gulf Reach K Levee Improvements Lafourche Parish, Louisiana SURVEY PARTY CHIEF Mr. Langley was part of the team that performed a survey of over 11 miles of levee alignment in Lafourche and Terrebonne Parishes. This survey was the basis for a permit application, as well as plans and specifications for the construction of a new levee. This survey also required the location of various underground utilities and pipelines using a magnetometer. Mr. Langley established GPS control, completed the required levee cross sections and completed the hydrographic survey of the adjacent bayou/canal to determine the borrow quantities for the levee lift.		
06/20 – 06/25	Lower East Dularge Levee Enlargement Terrebonne Parish, Louisiana SURVEY PARTY CHIEF Mr. Langley and his crew conducted topographic and bathymetric survey for the improvements to the Lower Dularge East Levee. This hurricane protection levee in southern Terrebonne Parish required substantial improvements, and the work included standard		

	GPS RTK survey work in coastal and marsh environments as well as hydrographic surveys in the adjacent borrow canal and in the waters on the flood side of the existing levee.
09/19 – 06/20	Allen Bayou Relief Erosion Control and Embankment Stabilization <i>Denham Springs, Livingston Parish, Louisiana</i> <i>SURVEY PARTY CHIEF</i> Mr. Langley prepared a topographic survey of the Allen Bayou Relief Canal in the Denham Springs Area of Livingston Parish. This survey was taken to provide the needed information to prevent erosion along the banks of the Allen Bayou Relief Canal during high water events. Cross sections were taken along the route with additional topographic collected at road intersections and culverts crossings. Plan and profile sheets were created, and the data was also delivered in the USACE. EM format for input into a hydraulic modeling program to aid in the design.
06/15 – 06/20	Breakwater Drive Improvements <i>New Orleans, Louisiana</i> <i>SURVEY PARTY CHIEF</i> Mr. Langley was part of a team tasked to conduct a topographic survey for Breakwater Drive in New Orleans. As the Survey Party Chief, he assisted in identifying the scope of damaged elements inside the footprint of Breakwater Drive, while highlighting the facility's history and cultural significance, as well as its pre-storm conditions and full description. From this survey, All South identified additional facilities not directly within the footprint of the breakwater but that depend on it for protection (includes marinas, restaurants/vendors, housing, yacht clubs, a lighthouse, fishing piers, and more) and were able to provide cost estimates for the demolition and repairs of the damaged elements in the area.

Firm employed by		 All South Consulting Engineers	
Name	Coedy Fonseca	Years of relevant experience with this employer	1
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		ATSSA Traffic Control Supervisor, ATSSA Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		SURVEY PARTY CHIEF Mr. Fonseca will direct daily hydrographic survey activities, oversee field data acquisition, and ensure survey operations are completed safely, efficiently, and in accordance with project requirements.	
Experience dates	Experience and qualifications relevant to the proposed contract		
Mr. Fonseca joined All South Consulting Engineers in January 2025 and serves as a Survey Party Chief with experience leading survey crews on a variety of topographic, hydrographic, bathymetric, and boundary survey projects. He is trained in the use of hydrographic equipment, GPS, robotic total stations, single-beam echo sounders, and magnetometers for locating pipelines and other subsurface features. His field experience includes directing surveys in challenging marsh, open-water, and urban environments, collecting data to support drainage studies, levee improvements, shoreline stabilization, pump station design, and utility infrastructure projects. Mr. Fonseca has supervised crews in establishing survey control, preparing cross sections, and delivering accurate field data for CAD, permitting, and engineering design.			
01/25 – Ongoing	Morganza to Gulf Reach K Levee Improvements Lafourche Parish, Louisiana SURVEY PARTY CHIEF Mr. Fonseca served as Survey Party Chief for the Morganza to the Gulf Reach K Levee Improvements Project, leading field crews in completing topographic, hydrographic, and magnetometer surveys to support levee design and construction. His responsibilities included establishing GPS control, directing field data collection along an 11-mile stretch of levee, and overseeing preparation of levee cross sections for haul-in material placement. Mr. Fonseca also coordinated the hydrographic survey of adjacent bayous and canals to calculate borrow quantities and ensure accurate data for permitting, plans, and specifications. His leadership ensured the delivery of precise survey information critical to levee improvements that protect communities from storm surge.		
01/25 – 12/25	Lower East Dularge Levee Enlargement Terrebonne Parish, Louisiana SURVEY PARTY CHIEF Mr. Fonseca served as Survey Party Chief for the Lower East Dularge Levee Enlargement Project, directing field crews in completing topographic and bathymetric surveys to evaluate levee elevations and identify areas requiring additional material. His responsibilities included overseeing GPS RTK surveys across coastal and marsh environments and managing hydrographic surveys of the adjacent borrow canal and flood-side waters. The survey data collected under his leadership provided critical information for computing material volumes and guiding levee improvements that enhance hurricane protection for southern Terrebonne Parish.		
10/24 – 04/25	Eden Isle Flood Resiliency Survey St. Tammany Parish, Louisiana SURVEY PARTY CHIEF Mr. Fonseca served as Survey Party Chief for the Eden Isle Flood Resiliency Project, directing field crews in conducting topographic, hydrographic, bathymetric, and magnetometer surveys across Lakeview Drive, Northshore Circle, Harbor Drive, and the community's interior canals. He oversaw the establishment of survey control, utility location, and right-of-way research in compliance with NAD 83 Louisiana South and NAVD 88 Geoid 18 standards. His responsibilities included managing field operations, quality control of data collection, and delivery of plan-profile sheets, cross sections, CAD models, and digital terrain files to support the engineering design of future flood protection improvements.		
01/25 – 04/25	Erindale Drainage Study Survey St. Tammany Parish, Louisiana SURVEY PARTY CHIEF Mr. Fonseca served as Party Chief for this project, leading field crews in collecting topographic and hydrographic data to evaluate existing drainage conditions. His responsibilities included locating culvert inverts, collecting ditch cross sections, and measuring water elevations in drainage ditches and at the bayou outfall near Breck's Road. He managed daily field operations, ensured accuracy of survey data, and coordinated deliverables to support engineering analysis of potential obstructions, siltation, and drainage deficiencies.		

02/25 – 05/25	Oak Mill Subdivision Drainage Study <i>St. Tammany Parish, Louisiana</i> <i>SURVEY PARTY CHIEF</i> Mr. Fonseca serves as Survey Party Chief for the Oak Mill Subdivision Drainage Study, leading survey crews in performing topographic and hydrographic surveys to evaluate existing drainage systems. His responsibilities include locating culvert inverts, pipe sizes, and materials; establishing benchmarks and right-of-way; collecting cross sections and water surface elevations; and surveying drainage structures and ditches throughout the subdivision. Under his direction, the field team delivers accurate data and cross-sectional profiles to support engineering analysis and the design of future drainage improvements, ensuring compliance with NAVD 88 Geoid 18 standards.
02/25 – 05/25	Tammany Forest Subdivision Drainage Study <i>St. Tammany Parish, Louisiana</i> <i>SURVEY PARTY CHIEF</i> Mr. Fonseca serves as Survey Party Chief for the Tammany Forest Subdivision Drainage Study, directing field crews in collecting topographic and hydrographic survey data to assess existing drainage conditions. His responsibilities include locating culvert inverts, pipe sizes, and materials; surveying the top and centerline of subdivision ditches; and recording water surface elevations of standing water. He also supervises the documentation of drainage structures, including elevations, sumps, and connected pipe inverts. The accurate survey data collected under his leadership support engineering analysis and design for future flood protection improvements, referenced to NAVD 88 Geoid 18 standards.
02/23 – 03/23	Mississippi River Gulf Outlet Bathymetric Survey <i>St. Bernard Parish, Louisiana</i> <i>SURVEY PARTY CHIEF</i> Mr. Fonseca served as Survey Party Chief for the Mississippi River Gulf Outlet (MRGO) Bathymetric Survey, leading field crews in performing hydrographic surveys to verify channel depths southeast of the MRGO rock closure structure toward Breton Sound. He directed data collection along parallel sounding lines, ensuring accurate measurement of water surface elevations and bottom elevations to confirm depths of -10 feet or greater. The bathymetric data collected under his supervision supported the preparation of certified plan and profile sheets, providing St. Bernard Parish with critical information for navigation and coastal management.
01/25 – 01/25	Grand Isle Loop Waterline System <i>Jefferson Parish, Louisiana</i> <i>SURVEY PARTY CHIEF</i> Mr. Fonseca served as Survey Party Chief for the Grand Isle Loop Waterline System Project, directing survey crews in performing topographic and boundary surveys along the proposed alignment of the new looped waterline system. His responsibilities included establishing right-of-way limits, locating property boundaries, utilities, and tie-in points, and collecting elevation data and surface features for design. He also oversaw the collection of cross sections, preparation of servitude maps, and development of plan and profile sheets to support engineering design. The survey data collected under his leadership provided the base mapping and property information required to improve service reliability and distribution capacity for the Town of Grand Isle.

Firm employed by		 All South Consulting Engineers	
Name	Matthew Griffin	Years of relevant experience with this employer	3
Title	Survey Technician	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		Bachelor of Science, 2026, Geomatics	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		SURVEY TECHNICIAN Mr. Griffin will assist with hydrographic and topographic field surveys, survey control establishment, data processing, and preparation of survey documentation and mapping deliverables.	
Experience dates	Experience and qualifications relevant to the proposed contract		
Mr. Griffin joined All South Consulting Engineers in June 2023 and serves as a Survey Technician/Party Chief supporting a wide range of boundary, topographic, right-of-way, hydrographic, and utility-related survey projects. He has experience processing survey data using Leica Captivate software and AutoCAD Civil 3D, preparing legal descriptions, boundary exhibits, topographic surveys, and field documentation for engineering and surveying applications. Mr. Griffin is proficient in the use of Leica GS18i GNSS receivers, Leica TS13 robotic total stations, marine magnetometers, and single-beam bathymetric sonar systems. His responsibilities include coordinating field operations, establishing survey control, conducting records and courthouse research, locating property boundaries and servitudes, and supporting hydrographic and subsurface utility investigations. Through his combination of field and office experience, Mr. Griffin provides accurate survey data and mapping products that support transportation, infrastructure, coastal, and land development projects.			
06/23 – Ongoing	Mid-Barataria Sediment Diversion <i>Plaquemines Parish, Louisiana</i> SURVEY TECHNICIAN Mr. Griffin supported hydrographic and topographic survey operations for CPRA's Mid-Barataria Sediment Diversion project in Plaquemines Parish. His duties included assisting with GPS survey control verification, multi-beam and single-beam hydrographic surveys of the Mississippi River, conveyance channel cross sections, benchmark installations, levee surveys, and settlement monitoring activities used to support design and construction efforts.		
06/23 – 12/25	Lower East Dularge Levee Enlargement <i>Terrebonne Parish, Louisiana</i> SURVEY TECHNICIAN Mr. Griffin assisted with topographic and hydrographic surveys supporting marsh creation and terracing improvements in the Lower East Dularge project area. His duties included RTK GPS data collection, bathymetric surveying, survey control establishment, and field data acquisition used to support coastal restoration design, dredging evaluations, and project development.		
10/24 – 04/25	Eden Isle Flood Resiliency Survey <i>St. Tammany Parish, Louisiana</i> SURVEY TECHNICIAN Mr. Griffin assisted with hydrographic and topographic surveys performed for the Eden Isles Flood Resiliency Survey in St. Tammany Parish. His responsibilities included bathymetric canal surveys, side-scan sonar and magnetometer investigations, survey control establishment, and the collection of topographic data for roadways, culverts, drainage structures, and flood control infrastructure to support resiliency planning and design.		
01/25 – 04/25	Erindale Drainage Study Survey <i>St. Tammany Parish, Louisiana</i> SURVEY TECHNICIAN Mr. Griffin supported survey and mapping services for drainage improvement projects by collecting topographic and drainage infrastructure data used for engineering analysis and design. His responsibilities included field measurements, survey control establishment, drainage structure inventory, and preparation of survey data used to support drainage system improvements and flood mitigation efforts.		
05/25 – 12/25	River Reintroduction into Maurepas Swamp & West Shore Lake Pontchartrain Flood Risk Reduction <i>Gramercy, Louisiana</i> SURVEY TECHNICIAN Mr. Griffin participated in hydrographic and topographic survey operations supporting the Maurepas Diversion project. His work included assisting with GPS control, bathymetric data collection, cross section surveys, and field investigations used to support design, permitting, and environmental restoration efforts associated with the diversion system.		

06/23 – Ongoing	Morganza to Gulf Reach K Levee Improvements <i>Lafourche Parish, Louisiana</i> <i>SURVEY TECHNICIAN</i> Mr. Griffin assisted with survey services supporting the Reach K flood protection and levee improvement project. His responsibilities included topographic data collection, survey control establishment, cross section surveys, and field documentation used to support engineering design, construction planning, and project development activities.
06/23 – Ongoing	Alidore Drainage Improvements <i>Lafourche Parish, Louisiana</i> <i>SURVEY TECHNICIAN</i> Mr. Griffin assisted with surveying and mapping services supporting drainage and flood control improvements in Lafourche Parish. His work included topographic and hydrographic surveys, drainage canal cross sections, culvert inventories, GPS data collection, and mapping used to support hydraulic and hydrologic analyses, pump station improvements, and drainage system design.

Firm employed by		 All South Consulting Engineers	
Name	Austin Bowman	Years of relevant experience with this employer	5
Title	Survey Rodman	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		A.A.S., 2020, HVAC NCCER Level Graduate	
Active registration number / state / expiration date		ATSSA Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		SURVEY RODMAN Mr. Bowman will support hydrographic survey crews through equipment setup, field measurements, data collection, vessel operations, and maintenance of survey records.	
Experience dates	Experience and qualifications relevant to the proposed contract		
Mr. Bowman joined All South Consulting Engineers, LLC in March of 2021 as a survey assistant. He received an Associate of Applied Science degree in HVAC NCCER Level from Nunez Community College in 2020. Since joining All-South, Mr. Bowman has assisted in full topographic and hydrographic surveys.			
06/21 – 11/22	TE-0165 Houma Navigation Canal (HNC) Bird Island Restoration Terrebonne Parish, Louisiana SURVEY RODMAN Mr. Bowman assisted in the completion of both hydrographic and topographic surveys on and around an existing island used as a migratory bird habitat. These surveys were done using an RTK GPS system. The topographic survey of the island included running cross sections over the island. The hydrographic survey was done both around the island, and in the borrow areas. This was completed using single beam sonar, side scan sonar, and a magnetometer.		
03/21 – Ongoing	Mid-Barataria Sediment Diversion Plaquemines Parish, Louisiana SURVEY RODMAN Mr. Bowman assisted the party chief in completing a hazard mitigation survey of approximately 700 structures that would be impacted by the increased water level caused by the sediment diversion channel. This included operating a GS 18i GPS receiver to take images on the existing structures, which could later be used to collect floor elevations from the imagery. This also entailed taking elevation shots on the garages, boat sheds, docks, bulkheads, and driveways, to be used to assess the impact of the rise in water level.		
10/24 – 04/25	Eden Isle Flood Resiliency Survey St. Tammany Parish, Louisiana SURVEY RODMAN Mr. Bowman served as Survey Technician for the Eden Isle Flood Resiliency Project, assisting field crews with topographic, hydrographic, bathymetric, and magnetometer surveys throughout residential streets and interior canals of the Eden Isle community. His responsibilities included supporting survey control and utility location efforts, processing field data, and assisting with preparation of deliverables used in the engineering design of flood protection improvements.		
05/25 – 12/25	River Reintroduction into Maurepas Swamp & West Shore Lake Pontchartrain Flood Risk Reduction Gramercy, Louisiana SURVEY RODMAN Mr. Bowman served as Survey Technician for the Maurepas Swamp and West Shore Lake Pontchartrain projects, assisting with topographic, bathymetric, and magnetometer surveys to support design and permitting of the river diversion and flood risk reduction features. He contributed to survey instrumentation setup, field data collection, and documentation, ensuring accuracy of information used to guide engineering and environmental analysis.		
05/21 – Ongoing	Morganza to Gulf Reach K Levee Improvements Lafourche Parish, Louisiana SURVEY RODMAN Mr. Bowman assisted in the completion of a topographic survey of approximately 5 miles of levee in Pointe Aux Chene, Louisiana. This included the operation of network GPS to run cross sections across the existing levee. He assisted the party chief in collecting this survey data, which would be used to compute volumes for material to be added to the levee to raise the levee crown elevation.		
02/23 – 03/23	Mississippi River Gulf Outlet Bathymetric Survey St. Bernard Parish, Louisiana SURVEY RODMAN Mr. Bowman served as Survey Technician for the Mississippi River Gulf Outlet (MRGO) Bathymetric Survey, assisting the party chief in collecting hydrographic data along parallel sounding lines southeast of the MRGO rock closure structure. His responsibilities		

	included operating GPS and survey instrumentation, recording water surface and bottom elevations, and supporting quality control of data used to verify channel depths of -10 feet or greater. The information he collected contributed to certified plan and profile sheets that provided St. Bernard Parish with critical data for navigation and coastal management.
03/22 – 07/22	Northshore Living Shoreline at Goose Point St. Tammany Parish, Louisiana <i>SURVEY RODMAN</i> Mr. Bowman performed full topographic and hydrographic services including assisting in data collection and maintenance of survey equipment. This included assisting establishing project control, collecting field data at the direction of the party chief, and assisting in setting up the hydrographic equipment needed to complete the survey.
09/21 – 05/22	Grand Isle-Lafitte Waterline Survey Jefferson Parish, Louisiana <i>SURVEY RODMAN</i> Mr. Bowman performed full topographic and hydrographic services including assisting in data collection and maintenance of survey equipment. This included assisting in probing for the buried waterline and assisting in setting up hydrographic survey equipment needed to complete the survey. This project entailed locating approximately 32 miles of 16" waterline running from Lafitte, Louisiana to Grand Isle, Louisiana.
03/21 – 05/21	Bayou Barataria Waterline Crossing Lafitte, Louisiana <i>SURVEY RODMAN</i> This project was done at the request of Jefferson Parish for the installation of a new waterline running along Rosethourne Rd then crossing Bayou Barataria. For this project, Mr. Bowman assisted the Survey Party Chief in collecting all the field data necessary for the completion of the survey. This project included full topographic and hydrographic survey services including data collection, data processing, data management, CAD, and project budget oversight. This includes performing the necessary field work for the survey, then processing the data into a field book file. Once the data was in a field book it is imported into Auto CAD, where the data is used to build a TIN surface. With this surface, Plan and Profile sheets could be generated along with cross sections across Bayou Barataria.

Firm employed by		 All South Consulting Engineers	
Name	Clark Shires	Years of relevant experience with this employer	8
Title	Survey Rodman	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S., 2018, Business Administration	
Active registration number / state / expiration date		ATSSA Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		SURVEY RODMAN Mr. Shires will assist survey crews with hydrographic and topographic data collection, survey control operations, equipment maintenance, and field documentation.	
Experience dates	Experience and qualifications relevant to the proposed contract		
Mr. Shires joined All South Consulting Engineers in September 2018 as a full time Survey Assistant. Mr. Shires graduated in May 2018 from the University of New Orleans with a bachelor's degree in Business Administration. His duties include assisting the Survey Crew Leader as necessary to perform collection of all survey data in the field.			
06/21 – 11/22	TE-0165 Houma Navigation Canal (HNC) Bird Island Restoration Terrebonne Parish, Louisiana SURVEY RODMAN Mr. Shires assisted the party chief in both hydrographic and topographic surveys on and around an existing island in Cocodrie. This included using a RTK GPS system to run cross sections over the island and complete hydrographic surveys around the island and the borrow area. This involved using single beam sonar, side scan sonar, and a magnetometer.		
09/18 – Ongoing	Mid-Barataria Sediment Diversion Plaquemines Parish, Louisiana SURVEY RODMAN Mr. Shires assisted the party chief in completing a hazard mitigation survey of approximately 700 structures that would be impacted by the increased water level caused by the sediment diversion channel. This included operating a GS 18i GPS receiver to take images on the existing structures, which could later be used to collected floor elevations from the imagery. This also entailed taking elevation shots on the garages, boat sheds, docks, bulkheads, and driveways, to be used to assess the impact of the rise in water level. Mr. Shires also completed a topographic survey of the borrow area to be used for the construction of the channel. This included using network GPS to run cross sections over the area to assist in volume calculations.		
09/18 – Ongoing	Lake Lery Marsh Creation and Rim Restoration St. Bernard Parish, Louisiana SURVEY RODMAN Mr. Shires assisted in providing topographic and bathymetric surveys for the design of shoreline armoring and the creation and nourishment of the surrounding marshland. The work included standard GPS RTK survey work in coastal and marsh environments, a bathymetric survey of a large portion of Lake Lery and a magnetometer survey of the proposed borrow area and access routes.		
10/24 – 04/25	Eden Isle Flood Resiliency Survey St. Tammany Parish, Louisiana SURVEY RODMAN Mr. Shires served as Survey Technician for the Eden Isle Flood Resiliency Project, assisting with topographic, hydrographic, bathymetric, and magnetometer surveys across Lakeview Drive, Northshore Circle, Harbor Drive, and interior canals. He supported survey control, data collection, and quality checks in compliance with NAD 83 Louisiana South and NAVD 88 Geoid 18 standards, providing essential information for the engineering design of future flood protection improvements.		
03/19 – 12/19	Atchafalaya Delta Wildlife Management Area Campground St. Mary Parish, Louisiana SURVEY RODMAN Mr. Shires served as a Survey Technician supporting topographic, hydrographic, and magnetometer survey services for the Atchafalaya Delta WMA Boat Access and Campground Improvements project. He assisted field crews with data collection along Breau Pass and Cul-de-Sac Pass, documenting bathymetric conditions to verify dredging quantities and water depths. His responsibilities included operating survey instrumentation, collecting and recording elevation data, and preparing field notes to support the production of CAD-based deliverables. The survey work performed by Mr. Shires provided CPRA with accurate baseline data for planning and execution of dredging and access improvements in the WMA.		

03/22 – 07/22	Northshore Living Shoreline at Goose Point St. Tammany Parish, Louisiana Mr. Shires performed full topographic and hydrographic services including assisting in data collection and maintenance of survey equipment. This included assisting establishing project control and collecting field data at the direction of the party chief.
06/16 – 06/20	Slidell Pier and Breakwater Restoration St. Tammany Parish, Louisiana <i>SURVEY RODMAN</i> Mr. Shires performed full topographic and hydrographic services including assisting in data collection and maintenance of survey equipment. This included assisting establishing project control and collecting field data at the direction of the party chief in setting up the hydrographic equipment needed to complete the survey. This work was used to aid in the design of a new boat launch and breakwater at the Slidell Fishing Pier site.

Firm employed by		 All South Consulting Engineers	
Name	Jamie Downes	Years of relevant experience with this employer	4
Title	Senior CADD Operator	Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization		A.A.S., Drafting and Design Technology, 2000, Nunez Community College	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		CADD OPERATOR Ms. Downes will process survey data and prepare hydrographic charts, cross sections, profiles, mapping exhibits, and CAD deliverables in accordance with DOTD requirements.	
Experience dates	Experience and qualifications relevant to the proposed contract		
Jamie Downes joined the All South team with over 20 years of drafting design, computer systems installation, maintenance and repair. Her experience includes AutoCAD C3D in which he utilizes in survey and design projects that include topographic, boundary, route corridor surveys, hydrographic surveys, ALTAs, field data input, plan and profile sheets, import/export of survey points, proposed design corridors, and volume calculations. Ms. Downes coordinates with field crews, drafters, engineers, and clients to generate AutoCAD C3D drawings and plan sheet sets from the beginning of a project to final stamped plans.			
08/22 – 11/26	TE-0165 Houma Navigation Canal (HNC) Bird Island Restoration Terrebonne Parish, Louisiana <i>SENIOR CADD TECHNICIAN</i> Ms. Downes prepared the topographic and hydrographic surveys for the restoration of HNC Island. The goal of this project was to restore the current 27 acres to its original size of approximately 50 acres. She also prepared the permit drawings for the design of this project. Ms. Downes calculated the dredged material and new rock dike containment area using AutoCAD Civil 3D. This project is currently in design and Ms. Downes is coordinating with the project engineers to complete the drawings.		
09/18 – Ongoing	Mid-Barataria Sediment Diversion Plaquemines Parish, Louisiana <i>SENIOR CADD TECHNICIAN</i> Ms. Downes assisted the engineering and survey teams with CADD production and drafting support for the Mid-Barataria Sediment Diversion project. Her responsibilities included preparation of topographic and hydrographic survey exhibits, proposed site layout drawings, grading exhibits, and civil design figures associated with the diversion structure, operations facilities, and maintenance support areas. Ms. Downes also assisted with quantity calculations, profile development, and plan sheet preparation utilizing AutoCAD Civil 3D to support project coordination and engineering design efforts.		
03/19 – 05/23	Atchafalaya Delta Wildlife Management Area Campground St. Mary Parish, Louisiana <i>SENIOR CADD TECHNICIAN</i> Ms. Downes prepared the proposed access canal improvement plans for this project. The project included multiple proposed borrow areas and spoil placement areas along Breaux Pass and Cul De Sac Pass. Using the hydrographic survey Ms. Downes was able to determine the borrow area volumes required to accomplish the desired elevations on the shores of this project. Ms. Downes coordinated with the engineers to produce proposed improvements to this project.		
08/2225 – Ongoing	Morganza to Gulf Reach K Levee Improvements Lafourche Parish, Louisiana <i>SENIOR CADD TECHNICIAN</i> Ms. Downes provided CADD drafting and design support for multiple phases of this project. Her responsibilities included preparation of plan and profile sheets, cross sections, grading exhibits, and dredge quantity calculations associated with levee construction and marsh restoration activities. Ms. Downes assisted with the development of temporary containment dikes, flotation channel layouts, and proposed levee alignment exhibits utilizing AutoCAD Civil 3D. She coordinated with engineers, surveyors, and field personnel to prepare construction drawings and support ongoing design revisions throughout the project.		
06/15 – 06/20	Breakwater Drive Improvements New Orleans, Louisiana <i>SENIOR CADD TECHNICIAN</i> Ms. Downes prepared survey maps along Breakwater Drive, from its intersection with N. Roadway Street to its termination at the point. Baseline maps, plan, profile and cross sections were provided to show the existing berms and existing topography of the site. FEMA and CORP permit drawings were also provided in this project. Shown in the plans were horizontal and vertical location of existing berms and proposed berms. Ms. Downes assisted the project engineer in creation of the new west, north, south and the point berms. Proposed berm plan and profile sheets with cross sections showing proposed work were also created by Ms. Downes.		

SECTION 17

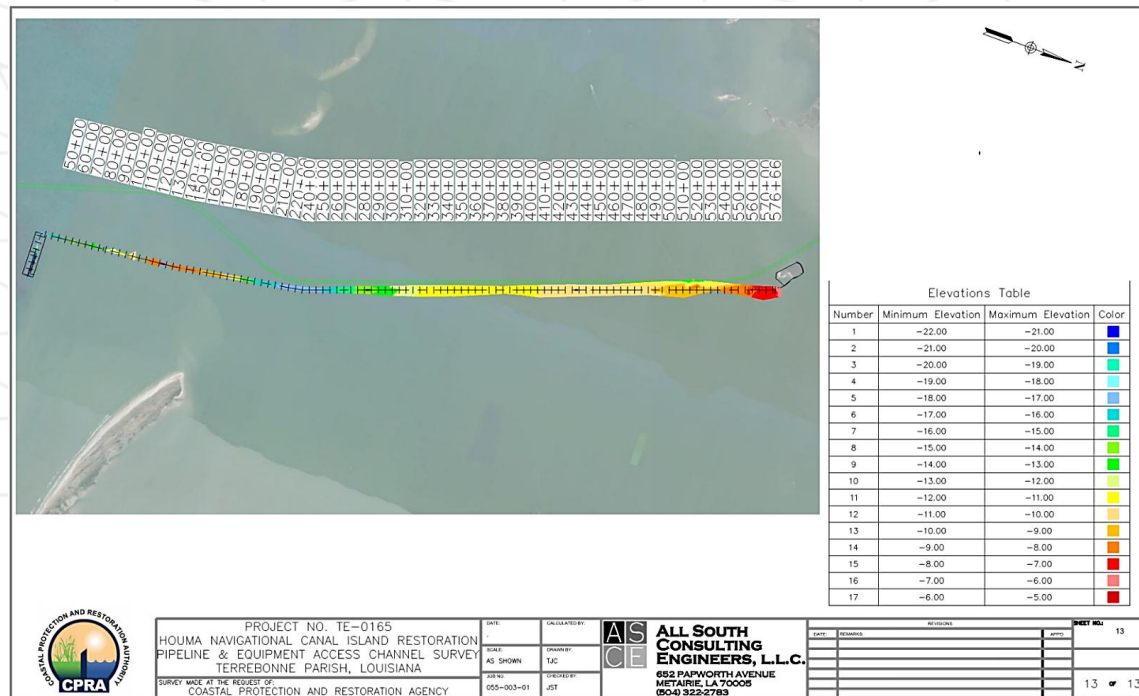
FIRM EXPERIENCE

17. FIRM EXPERIENCE:

Firm name	All South Consulting Engineers		Past Performance Evaluation Discipline(s)*	Survey, Data Collection	
Project name	Terrebonne Houma Navigation Canal Island Restoration			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Coastal Protection Restoration Authority		
Project location	Terrebonne Parish, Louisiana		Owner's Project Manager	Renee Bennett, PMP	
Owner's address, phone, email	150 Terrace Ave, Baton Rouge, LA 70802, (225) 342-1346, Renee.Bennett@la.gov				
Services commenced by this firm (mm/yy)	06/21	Total consultant contract cost (\$1,000's)			\$2,270
Services completed by this firm (mm/yy)	11/22	Cost of consultant services provided by this firm (\$1,000's)			\$264

COASTAL RESTORATION | HYDROGRAPHIC SURVEY | BATHYMETRY | SIDE-SCAN SONAR | MAGNETOMETER

All South provided topographic and hydrographic surveys of the existing Bird Island, located just east of the Houma Navigation Canal, approximately 7 miles south of Cocodrie. This island was originally around 50 acres in size and due to storms and wave action had eroded to around 15 acres. This survey provided the basis for the design to restore the island to its original size with armored shorelines. All South ran transects across the island at 250' intervals and located the existing shoreline and rock armoring of the island.



PROJECT HIGHLIGHTS

- Topographic & Hydrographic Survey
- Single Beam Bathymetric Survey
- Side Scan Sonar Survey
- Magnetometer Survey
- 10.2-Mile Dredge Pipeline Corridor
- Shoreline & Rock Dike Mapping
- Coastal Restoration Support

A hydrographic survey was run in the waters adjacent to the existing island at 250' intervals to map the contours of the existing water bottoms. In areas where the old rock protection dikes had sunk or were washed away by wave action, we used a combination of side scan sonar and single beam echo soundings to identify the remaining rock below the water surface. To rebuild the island, a sand source was identified 10.2 miles south of the island. We surveyed a corridor for the dredge pipeline and equipment, with 200' wide transects taken along the route at 1,500' intervals. A magnetometer survey was run along this route to identify potential obstructions and pipelines.

KEY PERSONNEL | John Teegarden, PLS; Taylor Casteigne, PLS; Lyle Langley; Austin Bowman; Clark Shires; Matthew Griffin; Jamie Downes; CADD Technicians/Drafting Personnel

Firm name	ASE All South Consulting Engineers		Past Performance Evaluation Discipline(s)*	Survey, Data Collection	
Project name	Mid-Barataria Sediment Diversion			Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	Coastal Protection Restoration Authority		
Project location	Plaquemines Parish, Louisiana		Owner's Project Manager	Brad Barth, PE	
Owner's address, phone, email	150 Terrace Ave, Baton Rouge, LA 70802, (225) 342-4553, Bradley.Barth@la.gov				
Services commenced by this firm (mm/yy)	11/17	Total consultant contract cost (\$1,000's)			\$1,280
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$650

MISSISSIPPI RIVER SURVEY | MULTI-BEAM & SINGLE-BEAM BATHYMETRY | GPS CONTROL | CROSS SECTIONS



The Mid-Barataria Sediment Diversion is part of CPRA's Mid-Basin Sediment Diversion Program. It is a river sediment diversion project designed to reintroduce sediment into the Barataria Basin. All South is a subconsultant for AECOM on this project. All South Consulting Engineers, LLC is the survey lead on this project.

As lead survey consultant, All South was tasked with establishing and verifying the GPS survey control, as well as:

- Hydrographic surveys of the Mississippi River which will include both multi-beam and single beam survey data
- Cross sections and topography of the proposed conveyance channel route from the Mississippi River to the rear non-federal levee
- Topographic survey of LA Hwy 23 done in accordance with the LADOTD survey requirements, as well as cross sections of the Mississippi River levee
- Wick drain settlement monitoring, inundation risk surveys, benchmark installations and staff gauge installations.

KEY PERSONNEL | John Teegarden, PLS; Taylor Casteigne, PLS; Lyle Langley; Austin Bowman; Clark Shires; Matthew Griffin; Jamie Downes; CADD Technicians/Drafting Personnel

PROJECT HIGHLIGHTS

- Multi-Beam & Single Beam Surveys
- Mississippi River Hydrographic Survey
- GPS Control & Benchmark Network
- Conveyance Channel Cross Sections
- LA 23 Topographic Survey
- Settlement Monitoring Surveys
- Inundation Risk Assessments

Firm name	All South Consulting Engineers		Past Performance Evaluation Discipline(s)*	Survey, Data Collection	
Project name	Lake Lery Marsh Creation and Rim Restoration			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	St. Bernard Parish Government		
Project location	St. Bernard Parish, Louisiana		Owner's Project Manager	John Lane, SBPG Coastal Manager	
Owner's address, phone, email		8201 W. Judge Perez, Chalmette, LA 70043, (504) 278-4227, jlane@sbpg.net			
Services commenced by this firm (mm/yy)		12/24	Total consultant contract cost (\$1,000's)		\$1,343
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$639

MARSH CREATION | HYDROGRAPHIC SURVEY | RTK GPS | MAGNETOMETER

All South is lead coastal engineer and surveying consultant for the Lake Lery Marsh Creation and Rim Restoration project. The project includes 390 acres of intermediate marsh creation and nourishment and 2.4-miles of embankment stabilization, improvement, and armoring. This project will re-establish a defined bank line along the northwestern Lake Lery rim and improve protection of the proposed marsh creation and nourishment project behind the rim. Lake Lery has been the site of prior CPRA projects along the south rim (BS-16) and in eastern portions of the lake (BS-17). This project will form Phase III of the lake restoration along the northwestern rim.

Marsh settlement curves and armored protection embankment designs were developed using CPRA Marsh Creation Design Guidelines for a 20-yr project life. Feature heights were analyzed against predicted wave runup, sea level rise, and subsidence over this period to ensure the project remains protected.

All South is working with St. Bernard Parish Government in conjunction with CPRA to share and relay information on all phases. All South's scope includes all coastal engineering, coastal wave modeling, surveying services, design, and construction services. All South is responsible for the following deliverables:

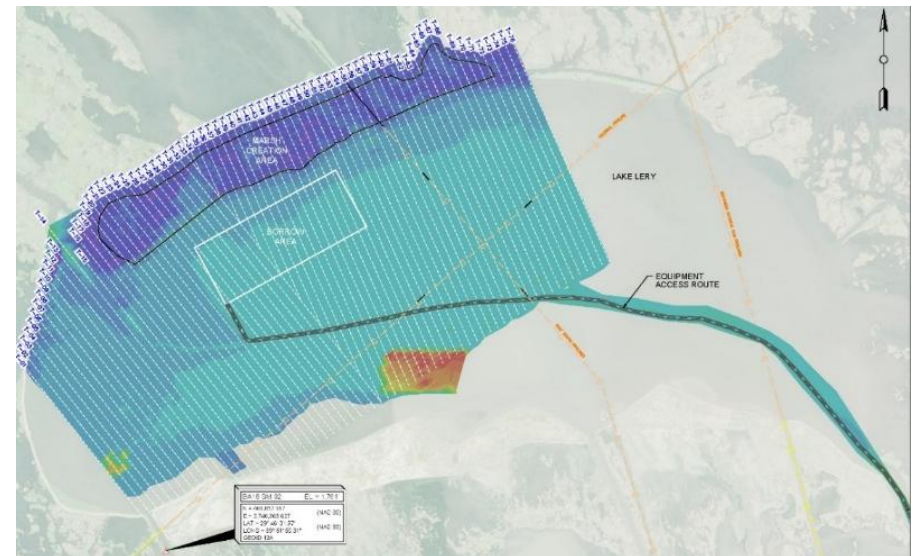
1. Historical Data Gap Analysis
2. Protection Alternatives Report, including 7 alternative designs featuring enlarged earthen sections, reduced earthen sections incorporating armoring products, and LWA breakwaters
3. Establishing Design Water Levels, corrected for the 19-year tidal epoch
4. STWAVE Numerical Wave Modeling and Runup Analysis
5. Preliminary and Final Engineering Plans, Specifications, and Cost Estimates
6. Construction Engineering and Inspection (during construction)

All South's Surveying Division, using an airboat and RTK GPS, provided cross sections of the proposed marsh restoration and creation areas. Our 26-foot hydrographic survey vessel was used to survey approximately half of Lake Lery to select areas for possible material for the restoration and creation of the marshland. We also used a magnetometer survey of the possible access routes for dredging equipment and the proposed borrow area.

KEY PERSONNEL | John Teegarden, PLS; Lyle Langley; Clark Shires; Jamie Downes; CADD Technicians/Drafting Personnel

PROJECT HIGHLIGHTS

- Topographic & Hydrographic Survey
- 390-Acre Marsh Creation Project
- 2.4 Miles of Rim Restoration
- RTK GPS Marsh Surveys
- Borrow Area Investigations
- Magnetometer Survey
- Coastal Restoration Design Support



Firm name	ASE All South Consulting Engineers		Past Performance Evaluation Discipline(s)*	Survey, Data Collection	
Project name	Eden Isles Flood Resiliency Survey			Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner’s name	Coastal Protection Restoration Authority		
Project location	St. Tammany Parish, Louisiana		Owner’s Project Manager	Syed Khalil, Ph.D.	
Owner’s address, phone, email	150 Terrace Ave, Baton Rouge, LA 70802, (225) 342-4525, Syed.Khalil@la.gov				
Services commenced by this firm (mm/yy)	10/24	Total consultant contract cost (\$1,000’s)			\$257
Services completed by this firm (mm/yy)	04/25	Cost of consultant services provided by this firm (\$1,000’s)			\$257

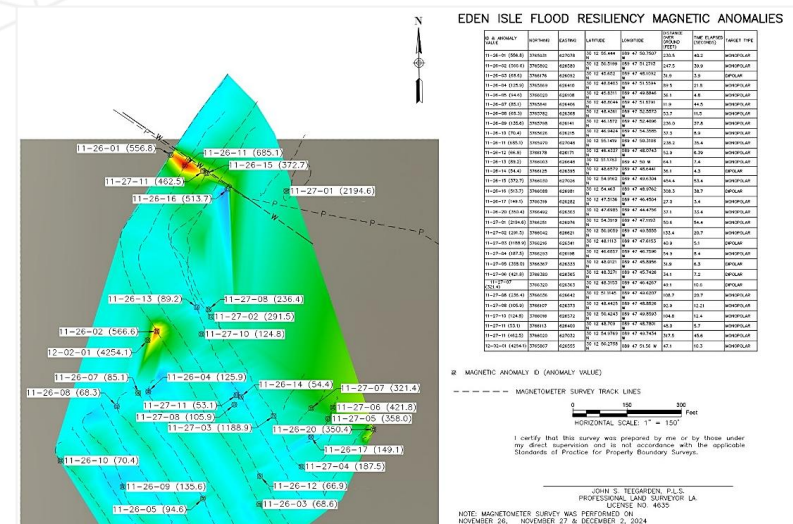
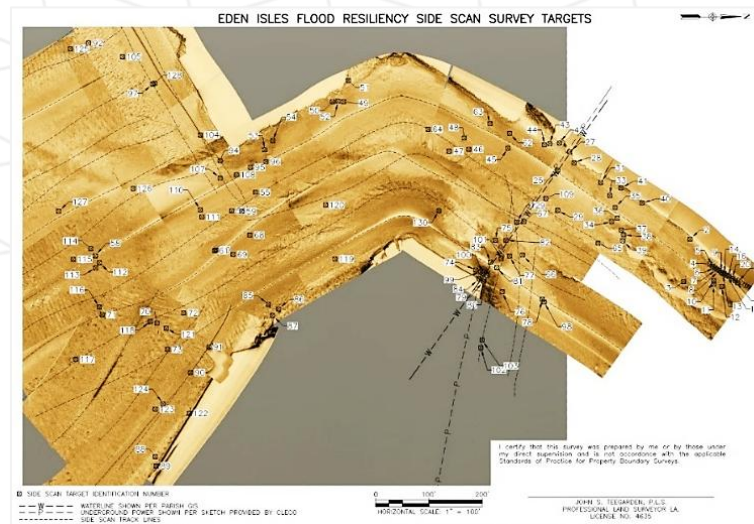
BATHYMETRIC CANAL SURVEY | SIDE-SCAN SONAR | MAGNETOMETER | FLOOD RESILIENCY

All South Consulting Engineers was selected by CPRA to perform the Eden Isles Flood Resiliency Survey, providing a full suite of surveying services to support the planning and design of future flood protection improvements. Our team conducted bathymetric surveys throughout the subdivision canals, collecting data along channel centerlines with 25-foot spacing and cross sections to document bottom elevations and canal geometry. We also performed magnetometer and side scan sonar surveys in the proposed flood control structure areas to identify obstructions and anomalies; results were tabulated and mapped with closed-loop verification to ensure data accuracy.

In addition, All South survey crews completed topographic surveys of roadways, pump station intake and discharge lines, and existing culverts and hydraulic connections across the community. Survey control was established using NAD83 Louisiana State Plane (South Zone) for horizontal data and NAVD88 Geoid 18 for vertical control. Deliverables included PNEZD point files, raw data, CAD drawings with 3D digital terrain models, plan and profile sheets, and cross sections. All data was collected and formatted in compliance with CPRA's LASARD standards to ensure integration into statewide sediment and geoscientific databases. This project demonstrates All

South's ability to manage and execute large-scale, complex hydrographic and topographic survey efforts in flood-prone communities, delivering high-quality data critical for CPRA's resiliency planning.

KEY PERSONNEL | John Teegarden, PLS; Taylor Casteigne, PLS; Lyle Langley; Coedy Fonseca; Austin Bowman; Clark Shires; Matthew Griffin; Jamie Downes; CADD Technicians/Drafting Personnel



PROJECT HIGHLIGHTS

- Topographic & Hydrographic Survey
- Bathymetric Canal Surveys
- Side Scan Sonar Survey
- Magnetometer Survey
- Flood Control Structure Investigations
- Survey Control & Benchmarking
- CPRA Coastal Resiliency Project

Firm name	All South Consulting Engineers			Past Performance Evaluation Discipline(s)*	Survey, Data Collection	
Project name	Alidore Drainage Improvements and Statewide Flood Control				Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Lafourche Parish Government			
Project location	Lafourche Parish, Louisiana			Owner's Project Manager	James Branes	
Owner's address, phone, email		P.O. Box 425, Mathews, LA 70375, (985) 532-8235, jamesb@lafourchegov.org				
Services commenced by this firm (mm/yy)		01/15	Total consultant contract cost (\$1,000's)			\$3,322
Services completed by this firm (mm/yy)		Ongoing (Various Phases)	Cost of consultant services provided by this firm (\$1,000's)			\$15

DRAINAGE IMPROVEMENTS | TOPOGRAPHIC & HYDROGRAPHIC SURVEY | H&H SUPPORT

The Lafourche Parish Government retained All South to support the Alidore Community State Flood Control Project, a comprehensive drainage improvement initiative developed to address recurring flooding issues within this established residential neighborhood. Following severe rainfall events and flooding impacts, the Parish pursued state funding for improvements that included pump station upgrades, drainage ditch improvements, levee enhancements, and construction of a stormwater storage reservoir.

To support planning, design, and funding efforts, All South performed extensive surveying and mapping services throughout the project area. The survey program included detailed topographic surveys, hydrographic surveys of drainage canals and ditches, cross-sections of existing drainage features, culvert inventories, and collection of drainage structure elevations. GPS-based hydrographic data and field survey information were used to develop accurate terrain and drainage models for hydraulic and hydrologic (H&H) analyses and pump station sizing.

Survey data provided the foundation for evaluating existing drainage deficiencies, determining storage requirements for the proposed reservoir, and assessing improvements to drainage conveyance systems and levee elevations. In addition, All South conducted courthouse research to identify affected landowners and establish existing rights-of-way, servitudes, drainage corridors, pipeline crossings, and railroad crossings. The firm also prepared right-of-way plats associated with the proposed pump station and other project improvements.

Surveying Services

- Topographic Survey & Hydrographic Survey
- Drainage Ditch and Canal Cross Sections
- Culvert and Drainage Structure Inventory
- GPS Data Collection and Mapping
- Courthouse Research
- Right-of-Way and Servitude Research
- Right-of-Way Plat Preparation for Proposed Pump Station
- Survey Support for H&H Modeling and Drainage Design

KEY PERSONNEL | John Teegarden, PLS; Taylor Casteigne, PLS; Jamie Downes; CADD Technicians/Drafting Personnel

PROJECT HIGHLIGHTS

- Topographic & Hydrographic Survey
- Drainage System Mapping
- Pump Station Site Survey
- Right-of-Way & Servitude Surveys
- H&H Modeling Support
- Levee & Reservoir Improvements
- State Flood Control Project



SECTION 18

APPROACH & METHODOLOGY

18. APPROACH AND METHODOLOGY:

PROFESSIONAL HYDROGRAPHIC SURVEYING SERVICES (SOUTH REGION) | STATEWIDE

» UNDERSTANDING OF THE PROJECT«

All South Consulting Engineers understands that the primary objective of this contract is to support LADOTD's statewide bridge scour monitoring program through the collection of accurate, repeatable hydrographic survey data used to evaluate channel stability, document streambed changes, identify potential scour conditions, and support the long-term management of Louisiana's bridge infrastructure.

The majority of Task Orders are anticipated to involve conventional single-beam hydrographic surveys performed at designated bridge crossings using established LADOTD benchmarks, range lines, and survey control. These surveys require consistency from one survey event to the next so that changes in channel geometry and streambed elevations can be accurately identified and evaluated. We understand the importance of maintaining continuity with previous LADOTD hydrographic surveys while adhering to established data collection procedures, field documentation requirements, and reporting standards.

In addition to conventional bridge scour monitoring surveys, individual Task Orders may require specialized hydrographic investigations including multi-beam bathymetric surveys, side-scan sonar surveys, magnetometer surveys, and sub-bottom profiling. All South maintains the vessels, hydrographic instrumentation, GPS technology, and experienced personnel necessary to perform these services throughout Louisiana's rivers, bayous, lakes, canals, coastal waterways, and bridge crossings.

Our approach emphasizes rapid mobilization, accurate data acquisition, rigorous field and office quality control procedures, timely communication, and delivery of reliable survey information that can be directly compared to historical survey data to support LADOTD decision making.

» PROJECT EXECUTION APPROACH «

Upon receipt of a Task Order, All South will coordinate with the LADOTD Project Manager to review project requirements, bridge information, survey limits, schedule expectations, previous hydrographic survey data, benchmark information, range line locations, and required deliverables. A dedicated Professional Land Surveyor will oversee project planning, field operations, quality

assurance procedures, scheduling, and communication with LADOTD throughout the assignment.

Prior to mobilization, available historical survey information, scour monitoring records, bridge inspection information, benchmark data, and project-specific requirements will be reviewed to ensure efficient planning and execution. Equipment needs, vessel selection, staffing assignments, safety planning, and anticipated site conditions will be evaluated to support timely and effective completion of each Task Order.

Field crews will verify survey control, recover existing benchmarks and range lines, establish water surface elevations, and perform hydrographic data collection utilizing LADOTD-approved procedures and industry-standard hydrographic equipment. Survey activities will be conducted in a manner that maintains consistency with previous surveys while providing accurate and repeatable data for future comparison.

All South maintains sufficient personnel, hydrographic survey vessels, GPS technology, sonar systems, survey equipment, and data processing capabilities to support multiple assignments while maintaining schedule compliance.

1. PROJECT REVIEW & MOBILIZATION *1-2 Weeks*

Upon receipt of a Task Order, our team will review available bridge information, previous hydrographic survey data, benchmark information, range line locations, historical scour monitoring information, and project requirements. Survey logistics, vessel requirements, staffing assignments, equipment needs, safety planning, and scheduling will be coordinated prior to mobilization.

For emergency bridge evaluations, post-storm assessments, or time-sensitive assignments, All South can accelerate mobilization activities and deploy field personnel as conditions allow.

2. SURVEY CONTROL VERIFICATION *1-3 Days Per Site*

Existing LADOTD benchmarks, baselines, range lines, and survey control monuments will be recovered and verified prior to hydrographic data collection. RTK GNSS equipment and conventional survey methods will be utilized as necessary to establish or verify survey control and maintain consistency with previous survey efforts.

Water surface elevations will be established from project benchmarks and recorded throughout survey operations in accordance with LADOTD requirements.

3. **HYDROGRAPHIC DATA COLLECTION** *1-5 Days Per Site*

Hydrographic surveys will be completed utilizing LADOTD-approved procedures and industry-standard hydrographic equipment. Depending upon Task Order requirements, services may include:

- Conventional single-beam hydrographic surveys
- Bridge scour monitoring surveys
- Multi-beam bathymetric surveys
- Side-scan sonar investigations
- Magnetometer surveys
- Sub-bottom profiling investigations
- Water surface elevation observations

For bridge scour monitoring surveys, bathymetric data will be collected along established range lines and predetermined survey locations to ensure repeatability between survey events. Survey personnel will continuously monitor vessel positioning, sonar performance, equipment calibration, water surface elevations, and environmental conditions throughout data collection activities.

Fathometers and hydrographic equipment will be checked and calibrated daily. Survey operations will be temporarily suspended whenever wave action, vessel wake effects, weather conditions, or other environmental factors could compromise data quality.

4. **DATA PROCESSING & QA/QC REVIEW** *1-2 Weeks*

Collected field data will be downloaded, processed, reduced, and reviewed utilizing industry-standard hydrographic processing software and established QA/QC procedures. Quality control begins in the field and continues throughout data processing. Survey control verification, equipment calibration records, water surface observations, sounding data, and survey coverage will be reviewed to verify accuracy and completeness. Newly acquired data will be compared with previous LADOTD survey information whenever available to identify anomalies, verify consistency, and document changes in channel conditions.

If discrepancies are identified that cannot be reasonably attributed to channel changes, additional review and verification procedures will be performed prior to finalizing deliverables.

5. **DOCUMENTATION & REPORTING** *Concurrent with Data Processing*

Survey documentation will include field notes, hydrographic charts, benchmark information, water surface elevation records, photographs, tabulated elevations, and observations regarding debris accumulation, obstructions, bank erosion, damaged revetment, exposed foundations, unusual channel conditions, or other site-specific concerns. Documentation will be prepared in accordance with LADOTD requirements and organized to facilitate future bridge scour monitoring comparisons.

6. **DELIVERABLE PREPARATION & SUBMISSION** *1 Week*

All final deliverables will be prepared and submitted in the format specified by LADOTD. Deliverables may include hydrographic charts, survey data files, field notes, photographs, benchmark information, tabulated elevations, cross sections, profiles, MicroStation-compatible electronic files, and supporting documentation. Deliverables will undergo a final management review prior to submission to ensure completeness, consistency, and compliance with contract requirements.

Any significant scour conditions, exposed foundations, major channel degradation, debris accumulation around bridge piers, or other critical findings identified during field operations will be communicated immediately to LADOTD. Supporting documentation and photographs will be provided within twenty-four hours when warranted.

7. **QUALITY CONTROL** *Concurrent Throughout Project*

All South maintains a structured Quality Assurance/Quality Control program to ensure the accuracy and completeness of survey deliverables. Survey control verification, benchmark validation, equipment calibration checks, hydrographic data review procedures, management oversight, and technical review are incorporated throughout all phases of project execution.

Our QA/QC process emphasizes the collection of reliable, repeatable survey data that can be compared with historical LADOTD hydrographic surveys to identify changes in streambed conditions and bridge scour potential.

8. **TASK ORDER CLOSEOUT** *1-3 Days*

Following LADOTD review, our team will address comments, provide revisions if required, and archive project data in accordance with company procedures. Final deliverables will be organized to facilitate future survey comparisons and support LADOTD's long-term bridge scour monitoring program.

» COMMITMENT TO CONTRACT CONFORMANCE «

All South Consulting Engineers is committed to maintaining full compliance with LADOTD hydrographic surveying procedures, the DOTD Location and Survey Manual, federal and state regulations, and industry best practices. Our personnel remain current with evolving hydrographic survey technologies and data collection methodologies to ensure accurate, reliable, and repeatable survey results.

With licensed Professional Land Surveyors, experienced hydrographic field crews, specialized survey vessels, GPS technology, sonar systems, and extensive experience performing hydrographic, bathymetric, sonar, magnetometer, and survey control services throughout Louisiana, All South is well positioned to provide responsive, high-quality hydrographic surveying services for this contract.

» SCHEDULE «

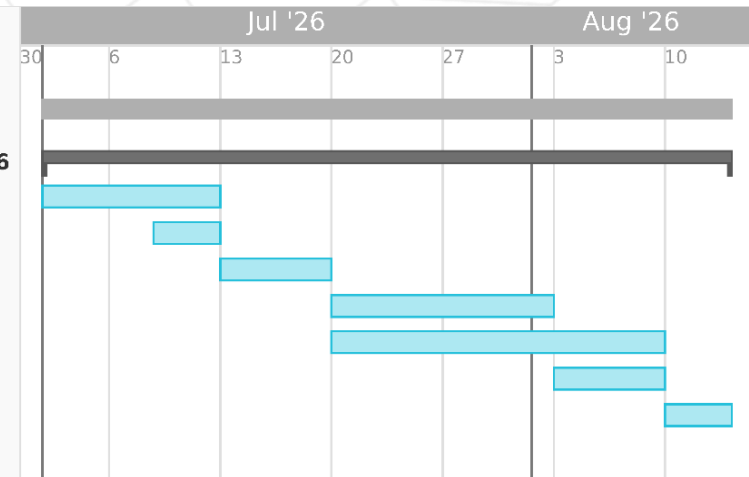
A draft schedule is illustrated identifying the typical sequence of activities associated with a hydrographic surveying task order. Actual durations may vary depending on task order scope, field conditions, weather, and LADOTD scheduling requirements.

Sample Hydrographic Survey Services Schedule

Hydrographic Survey Services

Project Review & Mobilization
 Survey Control Verification
 Hydrographic Data Collection
 Data Processing & QA/QC Review
 Documentation & Reporting
 Deliverable Preparation & Submission
 Task Order Closeout

start	end
07/01/26	08/12/26
07/01	07/10
07/08	07/10
07/13	07/17
07/20	07/31
07/20	08/07
08/03	08/07
08/10	08/12



SECTION 19

WORKLOAD

19. WORKLOAD:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
ALL SOUTH CONSULTING ENGINEERS, LLC  All South Consulting Engineers				N/A

SECTION 20

CERTIFICATIONS/LICENSES

20. CERTIFICATIONS/LICENSES:

ALL SOUTH CONSULTING ENGINEERS, LLC | LICENSES



Louisiana
**SECRETARY
OF STATE**
NANCY LANDRY


[HOME](#)

[Buy Certificates and Certified Copies](#)
[Subscribe to Electronic Notification](#)
[Print Detailed Record](#)

Name	Type	City	Status
ALL SOUTH CONSULTING ENGINEERS, LLC	Limited Liability Company	METAIRIE	Active

Previous Names
 Business: ALL SOUTH CONSULTING ENGINEERS, LLC
 Charter Number: 35690523K
 Registration Date: 4/21/2004

Domicile Address
 652 PAPWORTH AVENUE
 METAIRIE, LA 70005

Mailing Address
 C/O CRYSTAL ADAMS BONURA
 652 PAPWORTH AVENUE
 METAIRIE, LA 70005

Status
 Status: **Active**
 Annual Report Status: **In Good Standing**
 File Date: 4/21/2004
 Last Report Filed: 3/26/2026
 Type: Limited Liability Company

John Teegarden,
P.L.S.
*Professional Land
 Surveyor*



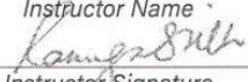
John Teegarden
 has attended
 Louisiana Traffic Control Supervisor

Completed: 26-SEP-2024

CEU (If Applicable): 1.5

ATSSA provides training and certification but neither constitutes employment by ATSSA.
 This certificate provides proof of training, not certification.

American Traffic Safety Services Association
 ATSSA.com

 American Traffic Safety Services Association	
<i>This is to affirm that</i> John Teegarden <i>has satisfied the requirements to be designated as a</i> CERTIFIED FLAGGER	
Issue Date <u>7/25/2022</u>	ATSSA
Exp. Date <u>7/24/2026</u>	<i>Instructor Name</i> 
State Issued <u>LA</u>	<i>Instructor Signature</i>
A1000097066 Verify at Flagger.com	

Taylor Casteigne,
P.L.S.
*Professional Land
Surveyor*



ATSSA
Safer Roads Save Lives

Taylor Casteigne
has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 18-APR-2025

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com



Lyle Langley
Survey Party Chief



Lyle Langley
has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 18-APR-2025

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com



Lyle Langley
has attended
National Flagger Certification Training Course

Completed: 02-APR-2025

CEU (If Applicable): 0.35

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

Coedy Fonseca
Survey Party Chief



Coedy Fonseca
has attended
Louisiana Traffic Control Supervisor

Completed: 26-FEB-2025

CEU (If Applicable): 1.5

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com



This is to affirm that

Coedy Fonseca

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date: 4/24/2025

Exp. Date: 4/23/2029

State Issued: Louisiana

ATSSA

Instructor Name

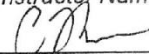
CD

Instructor Signature

A1000309688

Verify at Flagger.com

Austin Bowman
Survey Technician

	
<i>This is to affirm that</i>	
Austin Bowman	
<i>has satisfied the requirements to be designated as a</i>	
CERTIFIED FLAGGER	
Issue Date: <u>5/7/2025</u>	<u>ATSSA</u>
Exp. Date: <u>5/6/2029</u>	<i>Instructor Name</i>
State Issued: <u>Louisiana</u>	 <i>Instructor Signature</i>
A1000312318	
Verify at Flagger.com	

Clark Shires
Survey Technician



Clark Shires
has attended
National Flagger Certification Training Course

Completed: 22-APR-2025

CEU (If Applicable): 0.35

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

SECTIONS 21-23

QA/QC PLAN,
SUB-CONSULTANT INFORMATION,
LOCATION

21. QA/QC PLAN:

22. SUB-CONSULTANT INFORMATION:

Firm Name	Address	Point of Contact and email address	Phone Number

23. LOCATION:
