



IDIQ CONTRACTS FOR PROFESSIONAL SURVEYING SERVICES STATEWIDE

Contract Nos. 4400031905, 4400031906, 4400031907, 4400031908, AND 4400031909

April 29, 2025



Empowering People. Enriching Communities.

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TO: Louisiana Department of Transportation and Development (LADOTD)
1201 Capitol Access Road
Baton Rouge, LA 70802

FROM: Andrée F. Cortez, PE, PMP
Chief Operations Officer
andree.cortez@tbsmith.com

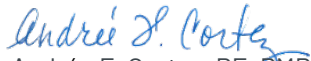
Project Evaluation Team:

T. Baker Smith, LLC (TBS) is proud to submit our qualifications for the IDIQ Contracts for Professional Surveying Services (Statewide) with the Louisiana Department of Transportation and Development (LADOTD). With over 76 combined years of licensed professional experience and a strong history of successful LADOTD projects, our team is well-prepared to meet the Department's surveying needs.

Led by Jean Reulet, III, PLS, our team offers expertise in topographic surveying, hydrographic surveys, LiDAR scanning, and Subsurface Utility Engineering (SUE), utilizing advanced technology and a robust QA/QC process. TBS is committed to timely task execution, clear communication, and full compliance with LADOTD standards, including Bentley MicroStation, InRoads, and OpenRoads Designer platforms.

With offices across Louisiana, a fleet of specialized survey equipment, and a strong commitment to safety and quality, TBS is ready to provide exceptional support under this IDIQ contract. We appreciate your consideration and look forward to continuing our service to LADOTD.

Sincerely,


Andrée F. Cortez, PE, PMP



**IDIQ Contract for Professional Surveying Services Statewide
Multiple #s
Statewide, LA**

Surveyed by T. Baker Smith, LLC

SECTIONS 1-13

PROJECT RELEVANCE:
Topographic Survey



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.

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

1. Contract Name as shown in the advertisement	IDIQ Contracts for Professional Surveying Services
2. Contract Number(s) as shown in the advertisement	4400031905, 4400031906, 4400031907, 4400031908, AND 4400031909
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	T. BAKER SMITH, 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)	Engineering: EF-0003388 Surveying: VF-0000551
6. Prime consultant mailing address	6660 Riverside Drive, Suite 101 Metairie, LA 70003
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	6660 Riverside Drive, Suite 101 Metairie, LA 70003
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Jean Reulet, III, PLS Surveying Lead Professional, Transportation 985.493.2953 jean.reulet@tbsmith.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Andrée F. Cortez, PE, PMP Chief Operations Officer 985.493.2938 andree.cortez@tbsmith.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.

Andree' J. Portez

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

April 29, 2025

Date:

Firm:


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)
	Principal	1	2
	Surveyor	3	4
	Senior Technician	5	6
	Party Chief	4	4
	Supervisor - Engineer	1	1
	Supervisor - Other	2	2



Rural Bridge Replacement Initiative, Phase I & II
Multiple #s
Statewide, LA
Surveyed by T. Baker Smith, LLC

SECTIONS 14-16

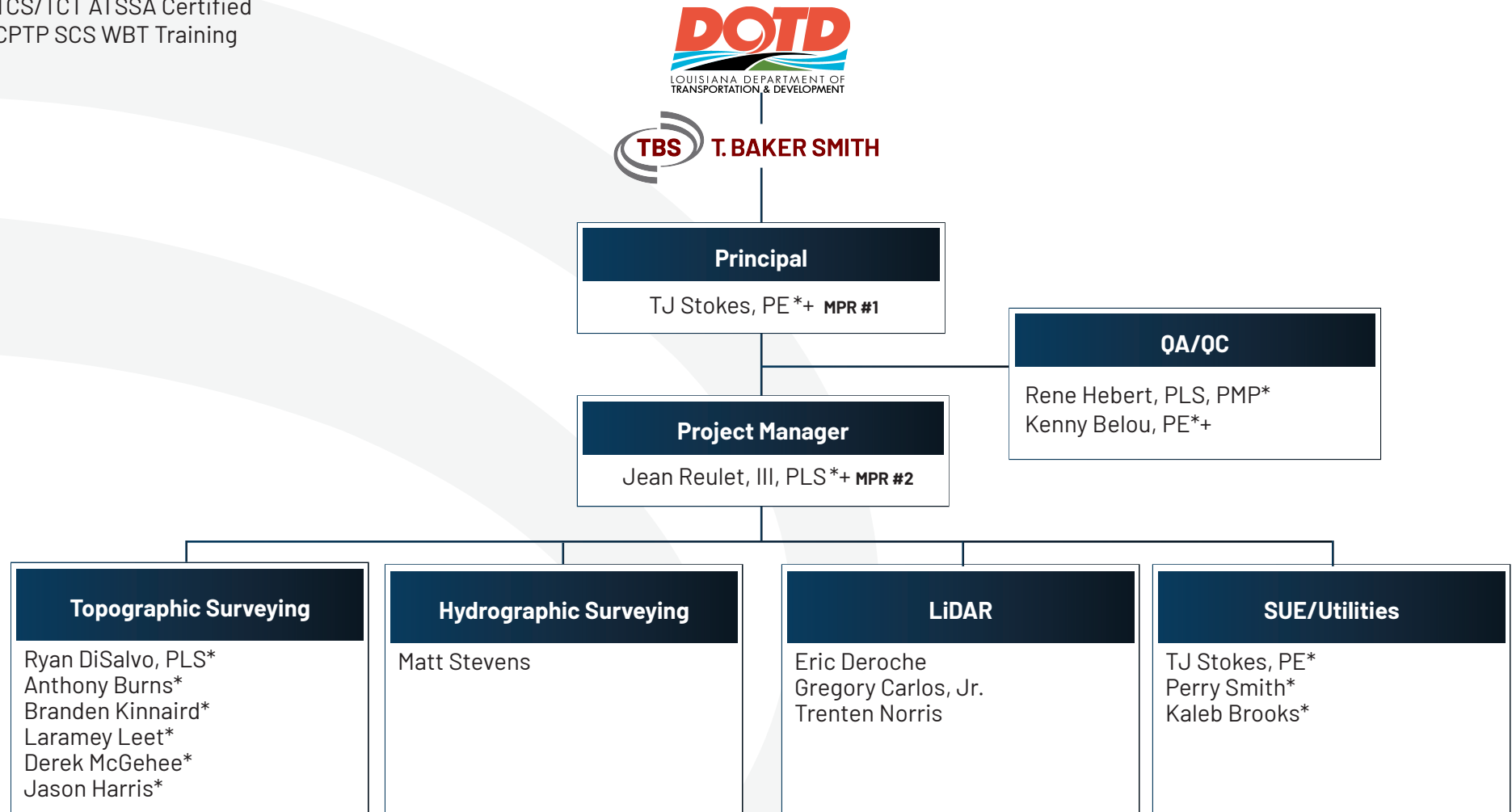
PROJECT RELEVANCE:
Topographic Survey



14. Organizational Chart

KEY:


- * TCS/TCT ATSSA Certified
- + CPTP SCS WBT Training



Additional Personnel

The TBS team is supported by over 312 associates including 166 survey personnel, 18 registered professional surveyors, 28 licensed professional engineers, 51 CAD operators, as well as a full workforce of licensed engineering interns; survey technicians; engineering technicians; field survey crews; rodman and instrument man; construction inspectors; GIS; and other auxiliary personnel.

15. Minimum Personnel Requirements

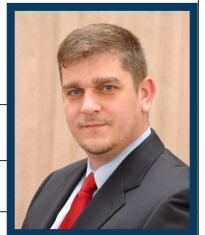
MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	TJ Stokes, PE		Professional Industrial Engineer PE.40079	LA	03.31.2026
2	Jean Reulet, III, PLS		Professional Land Surveyor PLS.5145	LA	03.31.2026

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	TJ Stokes, PE			Years of relevant experience with this employer	4
Title	Practice Leader, Transportation			Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization				Bachelor of Science / 2009 / Industrial Engineering	
Active registration number / state / expiration date				PE.40079 / Louisiana / 03.31.2026	
Year registered	2015	Discipline	Industrial Engineering		
Contract role(s) / brief description of responsibilities: Principal. TJ will oversee the project for LADOTD as Principal and satisfies MPR #1.					
TJ Stokes, PE leverages 16 years of experience providing engineering services in the transportation industry. As practice leader, he composes and manages integrated project teams to ensure transportation clients’ needs are met and exceeded. TJ gained his knowledge of LADOTD procedures during his tenure in the Road Design Section and utilizes this information to help coordinate and communicate between the multiple disciplines required to produce the highest quality of deliverable. TJ employs his first hand experience with SUE, surveying, and engineering design to ensure proper coordination of staff and resources. He also has extensive experience managing and overseeing utility coordination and design projects.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
03/24 – Ongoing	S.P. No. H.015554, Loyola Dr: 31st St – W Loyola Resurface; City of Kenner, LA – Principal / Practice Leader. TJ coordinates between engineering and design project managers and is responsible for project execution for this Pavement Preservation project located in Jefferson Parish, LA.				
12/23 – Ongoing	S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA – Principal/Practice Leader. Responsible for ensuring multi-disciplinary quality management plans and overall quality of work for LADOTD and St. Tammany Parish for the roundabout located at the intersection of LA 1077 and Brewster Road. TJ leads communication efforts with St. Tammany Parish and LADOTD and coordinates with the engineering and survey discipline leaders to ensure project delivery. (Project Location: LADOTD District 62)				
11/23 – Ongoing	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA – Principal/Practice Leader. TJ coordinates between engineering design and surveying leaders and is responsible for the management of task order execution for this Urban Roundabout project located in Livingston Parish. Project scope includes the surveying and engineering design of a single-lane roundabout at the existing stop-controlled intersection. (Project Location: LADOTD District 62)				
09/24 – Ongoing	S.P. No. H.015721, LA 30: Roundabout @ St Elizabeth/S Penn; LADOTD; Ascension Parish, LA – Principal/Practice Leader. TJ is responsible for the management of task order execution for this Urban Roundabout project located in Ascension Parish. Project scope includes engineering design of a multi-lane roundabout at the existing signal-controlled intersection.				

16. Staff Experience: TJ Stokes, PE | T. Baker Smith, LLC - continued

05/23 - Ongoing	Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58 – Principal/Practice Leader. The scope for phases I and II included the replacement of 87 bridges throughout fourteen Parishes in Northern Louisiana. The bridge lengths ranged from 20' to 340'. TJ leads the coordination effort with the engineering, environmental, and survey discipline leaders to ensure effective project delivery.
05/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA – Principal/Practice Leader. This contract includes the replacement of 12 Off System Bridges and their adjacent roadways throughout central Louisiana. The existing bridge lengths range from 40' to 135' and the sites include cross drains, box culverts, and RC slab span bridges. TJ coordinates with the engineering, environmental, and survey discipline leaders to ensure effective project delivery.
05/24 - Ongoing	23-EN-HC-0029, Highland Road at Pecue Lane; City of Baton Rouge and Parish of East Baton Rouge; East Baton Rouge Parish, LA – Principal/Practice Leader. Responsible for ensuring quality management plans, and quality of work across engineering design, surveying, and environmental disciplines for this multi-discipline project. Project scope includes the analysis of the existing 2-way stop condition intersection and construction plan development for intersection improvements. TJ is accountable for the development of Project Management Plan and Work Plan submitted to the client.
05/23 - 09/23	S.P. No. H.010557, Lajaunie Rd./Lateral I Bayou St. Clair; LADOTD; Lafayette Parish, LA – Practice Leader. TJ led the coordination effort between the engineering team and LADOTD to ensure successful delivery of Final Tracings submittal following Parish-specific requests for this Off-System Bridge project. TJ also oversaw the coordination between Parish and TBS surveying to ensure right-of-way staking was completed to Parish's requirements.
05/21 - 03/24	S.P. No. H.003931.5, Calcasieu River Bridge (HBI); LADOTD; Calcasieu Parish, LA – Project Manager/Engineer of Record. Responsible for all Subsurface Utility Engineering and Utility Coordination. Oversaw all Quality Level B and Quality Level A SUE services and performed QA/QC on the topographic survey submitted to LADOTD to ensure compliance with ASCE 38-02. Reviewed all utility coordination procedures including conflict matrix and conflict plan creation.
11/21 - 02/22	S.P. No. H.014670.5, LA 1270: LA 77 to End of Control Section; LADOTD; Iberville Parish, LA – Contract administrator/Engineer of Record. Responsible for all Subsurface Utility Engineering Quality Level B services and performed QA/QC on the topographic survey performed by LADOTD to ensure compliance with ASCE 38-02. LADOTD Location and Survey field staff performed the topographic survey and we ensured a smooth working environment for data collection.
03/21 - 01/22	Move Ascension, LA 44 & Parker Roundabout, Subsurface Utility Engineering; Ascension Parish Government; Ascension Parish, LA – Lead Professional. Provided Subsurface Utility Engineering for the LA 44 & Parker Roundabout as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.
02/22 - 05/22	Move Ascension Parker Road and LA 929 Widening; Ascension Parish Government; Ascension Parish, LA – Lead Professional. Provided Subsurface Utility Engineering for the Parker Road and LA 929 Widening project as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.

16. Staff Experience

Firm employed by:  **T. BAKER SMITH**



Name	Jean Reulet, III, PLS			Years of relevant experience with this employer	3
Title	Lead Professional, Transportation Survey			Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization				Bachelor of Science / 2011 / Geomatics	
Active registration number / state / expiration date				PLS.5145 / Louisiana / 03.31.2026	
Year registered	2015	Discipline	Professional Land Surveyor		
Contract role(s) / brief description of responsibilities: Surveyor. Jean will serve as Project Manager and satisfies MPR#2.					
Jean Reulet, III, PLS serves as TBS' Surveying Lead Professional of Transportation. His field experience for LADOTD projects began in 2011 where he has been involved in dozens of survey projects of various sizes across the State of Louisiana. He has participated in all stages of of a Topographic Survey from field data collection to final deliverables preparation according to the LADOTD's Location and Survey Manual. This experience has enabled Jean to develop a very thorough QA/QC process which has been used to train a highly skilled project team. In addition, Jean is experienced in LADOTD contract management and task order negotiations. Jean is also well versed in the use of LiDAR for data acquisition purposes, providing a safer alternative for collecting large amounts of data in highly trafficked or congested environments.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
11/21 – Ongoing	Contract 44-21973 IDIQ for Professional Surveying Services; LADOTD; Statewide, LA – Project Manager/Surveyor of Record. Jean serves as the project manager and surveyor of record for this Surveying Services IDIQ. He is responsible for manhour estimate preparation and contract negotiations. Jean coordinates with private landowners, railroads, and other entities to obtain right-of-entry prior to survey commencement. He oversees the topographic data collection and processing, utility research, and drainage map development. He also provides QA/QC and ensures delivery according to project schedule. To date, Jean has successfully completed five task orders (H.009892, H.014414, H.015587, H.016324, H.016326) with four more currently active (H.009892, H.016322, H.016323, H.016333).				
09/21 – 01/23	Contract 44-17598, Rural Bridge Replacement Initiative, Ph I (47 bridge structures); LADOTD; Districts 04, 05, 08, 58 – Survey Project Manager. Coordinated field crews, processed data daily, and provided QA/QC of deliverables. TBS performed control, topographic, and right of way surveys for the replacement of 47 bridge structures in northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC performed and coordinated with in-house engineers designing the replacement bridges.				
07/21 – 02/24	Contract 44-19336, Rural Bridge Replacement Initiative, Ph II (40 bridge structures); LADOTD; Districts 04, 05 – Survey Project Manager. Coordinated field crews, processed data daily, and provided QA/QC of deliverables. TBS performed control, topographic, and right of way surveys for the replacement of 40 bridge structures in northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC performed and coordinated with in-house engineers designing the replacement bridges.				

16. Staff Experience: Jean Reulet, III, PLS | T. Baker Smith, LLC - continued

06/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA – Sr. Project Manager/Surveyor of Record. Oversaw the completion of topographic surveys for the replacement of 12 bridges. Responsible for field crew coordination, project QA/QC, title research, and deliverables preparation. Surveys were performed to LADOTD Location and Survey standards. Data was captured to detail the existing bridges, roadways on either side, and surrounding terrain to ensure proper tie into existing surfaces.
11/23 - 02/24	H.015576 LA 447 & LA 1025: Roundabout; LADOTD; Walker, LA – Surveyor of Record. Oversaw the completion of a topographic survey for the design and construction of a roundabout. Coordinated with survey crews and project technicians throughout the collection and review of topographic data and utility information. Performed QAQC and Deliverables preparation.
07/24 - Ongoing	IDIQ for Professional Surveying Services; MDOT; Statewide, MS – Project Manager. Jean is responsible for scope development, manhour estimate preparation, and contract negotiations. Jean coordinates with private landowners and other entities to obtain right-of-entry prior to survey commencement. He oversees topographic and hydraulic data collection, data processing, and utility research. He also provides QAQC.
12/23 - 04/24	S.P. No. H.015555 LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA – Surveyor of Record. Oversaw the completion of a topographic survey for the design and construction of a roundabout. Coordinated with survey crews and project technicians throughout the collection and review of topographic data and utility information. Performed QAQC and Deliverables preparation.
02/15 - 04/16*	H.011137 and H.011152 I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59); LADOTD; St. Tammany Parish, LA – Sr. Project Manager. Performed a Topographic Survey for the widening of approximately 9 miles of I-12 in St. Tammany Parish, LA including 4 interstate overpasses and the bridge over the Tchefuncte River. Coordinated with field crews, technicians, and Subsurface Utility Engineering consultant. Provided QAQC and assisted in Deliverables preparation.
02/17 - 4/18*	H.004987 US 190 Collins Blvd. Widening; LADOTD; St. Tammany Parish, LA – Sr. Project Manager. Performed a Topographic Survey for the widening of approximately 3 miles of US 190 in St. Tammany Parish, LA including the replacement of a bridge over the Bogue Falaya River. Coordinated with field crews, technicians, and Subsurface Utility Engineer. Provided QAQC and assisted in Deliverables preparation.
01/18 - 04/20*	H.004100 I-10: LA 415 to Essen Lane; LADOTD; East and West Baton Rouge Parishes, LA – Sr. Project Manager. Responsible for field crew oversight, data processing and review, and deliverables preparation. Performed Topographic survey for the widening of I-10 through Baton Rouge.
08/19 - 11/19*	H.005121.5 LA 1 / LA 415 Connector; LADOTD; West Baton Rouge Parish, LA – Senior Project Manager. Responsible for field crew oversight, data processing and review, and deliverables preparation. Performed Topographic survey for construction of a connector Road between LA 415 and LA 1. This project included a hydrographic Survey of a portion of the Intracoastal Waterway.
06/16 - 2/17*	H.000263.5 Chef Menteur Pass Bridge; LADOTD; Orleans Parish, LA – Sr. Project Manager. Responsible for Topographic/hydrographic survey, field crew coordination, surface generation for Chef Pass Bridge Replacement. This project included a hydrographic Survey of a portion of the Chef Menteur Pass.
04/20 - 11/20*	H.000688 US 11 Norfolk Southern RR Overpass (HBI); LADOTD; St. Tammany Parish, LA – Sr. Project Manager. Responsible for field crew oversight, data processing and review and deliverables preparation. Performed a Topographic Survey for the replacement of the US 11 Overpass over the Norfolk Southern Railroad.

* previous employer

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Rene Hebert, PLS, PMP			Years of relevant experience with this employer	17
Title	Survey Lead Professional			Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization				Bachelor of Science / 2008 / Geomatics	
Active registration number / state / expiration date				PLS.5070 / Louisiana / 03.31.2026	
Year registered	2011	Discipline	Professional Land Surveyor		
Contract role(s) / brief description of responsibilities: Surveyor. Rene will provide QA/QC services for the contract.					
Rene Hebert, PLS, PMP is a lead professional and project manager at TBS. He is directly involved in the oversight and execution of the technical aspect of surveying projects including producing and revising drawings, sketches, and plans for contract documents and QA/QC of surveying services. He coordinates work among project technicians, field crew coordinator, field survey personnel, and other required project professionals. His experience includes topographic, boundary and GPR surveys; and underwater acoustic hydrographic surveys including multibeam, single beam, side scan sonar, acoustical soundings, magnetometry and other bathymetric surveys. Rene holds the Project Management Professional (PMP #3150916) certification, as well as ATSSA TCS and TCT certifications.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
07/20 - 02/24	Contract 44-17598, 4400019336 Rural Bridge Replacement Initiative Phases I & II; LADOTD; Districts 04, 05, 08, and 58 – Survey Lead Professional. Responsible for overseeing topographic surveys, crew coordination, oversight of data processing, TBS performed control, topographic, and right of way surveys for the replacement of 87 bridge structures. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QCd, and coordinated with in house engineers designing the replacement bridges.				
06/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA – Survey Lead Professional. Performed resource allocation and oversight for the completion of topographic surveys, property surveys and right of way maps. Project involved the replacement of 12 bridges and all deliverables were prepared according to LADOTD Location and Survey Standards.				
11/21 - Ongoing	Contract 44-21973 IDIQ for Professional Surveying Services; LADOTD; Statewide, LA – Survey Lead Professional. Rene assists the surveyor with manhour estimate development and project QA/QC. He also oversees the allocation of resources to the project, ensuring delivery according to project schedule.				
11/23 - 02/24	H.015576 LA 447 & LA 1025: Roundabout; LADOTD; Walker, LA - Survey Lead Professional. Rene oversaw the completion of a topographic survey for the design and construction of a roundabout. He also assisted the Surveyor with resource allocation in order to maintain project schedule.				
07/24 - Ongoing	IDIQ for Professional Surveying Services; MDOT; Statewide, MS – Surveyor of Record. Rene assists with scope development, manhour estimate preparation, and contract negotiations. He oversees topographic and hydraulic data collection, data processing, and utility research. He also provides QA/QC. Rene coordinates with the project team on resource allocation in order to maintain project schedule.				

16. Staff Experience: Rene Hebert, PLS, PMP | T. Baker Smith, LLC - continued

12/23 - 04/24	S.P. No. H.015555 LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA - Survey Lead Professional. Rene oversaw the completion of a topographic survey for the design and construction of a roundabout. He also assisted the Surveyor with resource allocation in order to maintain project schedule.
07/16 - 09/16	S.P. No. H.004113, I-12 to Bush; LA 3241; LA 435 to LA 40/41; LADOTD; St. Tammany Parish, LA - Survey Lead Professional. Oversaw topographic surveying, property surveys and Right of Way map production including 101 parcels for new 5.5-mile, four-lane SA-3 roadway from LA 435 to Bush, LA. Topographic Survey included a DTM width of 300' through heavily wooded terrain and several drainage crossings and bridge structures.
07/17 - 1/22	S.P. No. H.013116, LA 20 Widen; LA 307 - S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA - Survey Lead Professional. Responsible for the supervision of the topographic survey of a 2.7 mile stretch of LA 20 near Vacherie, LA. Oversaw crew coordination, data processing, deliverable preparation and also surveyor of record for the Final R/W Maps. Oversaw the survey through challenging environments including forested wetlands, parallel borrow canal, and substandard bridge design width and sight lines.
08/22 - Ongoing	S.P. No. H.014918 LA 73 Roundabout at Bluff Road Connector; Ascension Parish Government, Ascension Parish, LA - Survey Lead Professional. Performed resource allocation and oversight for the completion of topographic surveys, property surveys and right of way maps. Project involved the design and construction of a roundabout at the intersection of LA 73 and the proposed Bluff Connector Road.

16. Staff Experience

Firm employed by:



T. BAKER SMITH



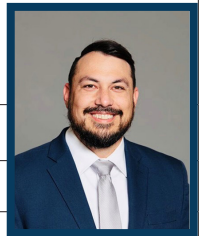
Name	Kenny Belou, PE			Years of relevant experience with this employer	2
Title	Lead Professional, Transportation			Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization				Bachelor of Science / 2009 / Civil Engineering	
Active registration number / state / expiration date				PE.38850 / Louisiana / 09.30.2026	
Year registered	2014	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities: Supervisor Engineer. Kenny will provide QA/QC on Topographic Survey deliverables.					
Kenny Belou, PE currently serves as Engineering Lead Professional for our Transportation Practice and brings over 20 years of professional experience supporting LADOTD projects statewide. He will provide Quality Assurance/Quality Control (QAQC) services for topographic surveys, with additional expertise assisting in alignment development and drainage map production. Over the past several years, Kenny has worked closely with the TBS surveying group to develop topographic survey deliverables that consistently meet the highest technical standards and the requirements outlined in LADOTD's Road Design Manual, Hydraulics Manual, Bridge Design and Evaluation Manual, and Location and Survey Manual.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
11/23 - 02/24	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA - QA/QC for Topographic Survey Deliverables. Kenny provided QAQC on the existing roadway alignments for this roundabout project in Livingston Parish. Kenny also worked with the TBS survey group on the existing drainage map, reviewing for conformance with the LADOTD Hydraulics Manual.				
05/23 - 03/24	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA - QA/QC for Topographic Survey Deliverables. Kenny served as QAQC engineer for the existing roadway alignments for the twelve bridge replacements. He provided a detailed review and verification of survey data to ensure alignment accuracy and compliance with LADOTD standards.				
07/23 - 09/23	S.P. No. H.015587, LA 3211 @ Yokley Road Roundabout; LADOTD; St. Mary Parish, LA - QA/QC for Topographic Survey Deliverables. Kenny provided QAQC for the existing roadway alignments where he provided a review of the survey data to ensure the proposed surveyed alignment meets requirements for plan development of this single-lane roundabout with right-turn slip lanes. He worked with TBS survey group to assist in the development of the existing drainage map and provide QAQC of identified drainage areas.				
12/23 - 04/24	S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; St. Tammany Parish, LA - QA/QC for Topographic Survey Deliverables. Kenny Belou provided QAQC for the existing roadway alignments, reviewing survey data to ensure conformance with requirements for road design plan development. He also collaborated with the TBS survey group to assist in developing the existing drainage map and performed QAQC of identified drainage areas.				

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Anthony Burns	Years of relevant experience with this employer	2
Title	Project Manager	Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities: Senior Technician. Anthony will provide surveying services to assist in the completion of Topographic Surveys.			
Anthony Burns has over 21 years of experience as a rodman, party chief, and project manager with numerous LA DOTD and City-Parish projects involving topographic, right of way, and boundary surveys. His experience includes conventional and terrestrial LiDAR, and mobile LiDAR scanning. He is thoroughly familiar with LA DOTD Location and Survey Procedures, manuals, and software programs with respect to all requirements. He manages our survey field crews and equipment. He holds ATSSA Traffic Control Technician (TCT), Traffic Control Supervisor (TCS), and Flagger certifications, and is TWIC and OSHA certified.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA – Senior Technician. Assisted in the completion of topographic surveys, property surveys, and right of way maps for the replacement of 12 bridges. Assisted with field crew coordination, data processing, project QA/QC, and deliverables preparation. Surveys were performed to LADOTD Location and Survey standards.		
10/22 - 10/23	Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58 – Senior Technician. Responsible for field crew coordination, daily data processing, and deliverables preparation for topographic surveys, property surveys and right of way mapping.		
08/22 - Ongoing	S.P. No. H.014918 LA 73 Roundabout at Bluff Road Connector; Ascension Parish Government, Ascension Parish, LA – Senior Technician. Performed data processing and field crew coordination for Topographic Survey, Title Research, Property Survey, and Right of Way maps for the design and construction of a roundabout at the intersection of LA 73 and the proposed Bluff Connector Road.		
11/21 - Ongoing	Contract 44-21973 for Professional Surveying Services; LADOTD, Statewide, LA – Senior Technician. Anthony assists in the development of manhour estimates and the completion of topographic surveys under this contract. He coordinates right-of-entry with landowners, manages field crews, and processes data daily. He performs project QAQC and aids in Deliverables preparation.		
11/23 - 02/24	H.015576 LA 447 & LA 1025: Roundabout; LADOTD; Walker, LA – Senior Technician. Anthony assisted in the completion of a topographic survey for the design and construction of a roundabout. He coordinated with field crews and processed data daily. Anthony also performed QAQC and aided in Deliverables preparation.		

16. Staff Experience: Anthony Burns | T. Baker Smith, LLC - continued

07/24 - Ongoing	IDIQ for Professional Surveying Services; MDOT; Statewide, MS - Senior Technician. Anthony assists in the development of manhour estimates and the completion of topographic surveys under this contract. He coordinates right-of-entry with landowners, manages field crews, and processes data daily. Anthony also performs project QAQC and aids in Deliverables preparation.
12/23 - 04/24	S.P. No. H.015555 LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA - Senior Technician. Anthony assisted in the completion of a topographic survey for the design and construction of a roundabout. He coordinated with field crews and processed data daily. Anthony also performed QAQC and aided in Deliverables preparation.
02/15 - 04/16*	H.011137 and H.011152 I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59); LADOTD; St. Tammany Parish, LA - Senior Technician. Performed a Topographic Survey for the widening of approximately 9 miles of I-12 in St. Tammany Parish, LA including 4 interstate overpasses and the bridge over the Tchefuncte River. Coordinated with field crews, processed data daily, and assisted in Deliverables preparation.
02/17 - 4/18*	H.004987 US 190 Collins Blvd. Widening; LADOTD; St. Tammany Parish, LA - Senior Technician. Performed a Topographic Survey for the widening of approximately 3 miles of US 190 in St. Tammany Parish, LA including the replacement of a bridge over the Bogue Falaya River. Coordinated with field crews, processed data daily, and assisted in Deliverables preparation.
01/18 - 04/20*	H.004100 I-10: LA 415 to Essen Lane; LADOTD; East and West Baton Rouge Parishes, LA - Senior Technician. Performed Topographic survey for the widening of I-10 through Baton Rouge. Coordinated with field crews, processed data daily, and assisted in Deliverables preparation.
08/19 - 11/19*	H.005121.5 LA 1 / LA 415 Connector; LADOTD; West Baton Rouge Parish, LA - Senior Technician. Performed Topographic survey for construction of a connector Road between LA 415 and LA 1. Coordinated with field crews, processed data daily, and assisted in Deliverables preparation. This project included a hydrographic Survey of a portion of the Intracoastal Waterway.
06/16 - 2/17*	H.000263.5 Chef Menteur Pass Bridge; LADOTD; Orleans Parish, LA - Senior Technician. Performed Topographic survey for the US 90 bridge replacement over Chef Pass. Coordinated with field crews, processed data daily, and assisted in Deliverables preparation. This project included a hydrographic Survey of a portion of the Chef Menteur Pass.
04/20 - 11/20*	H.000688 US 11 Norfolk Southern RR Overpass (HBI); LADOTD; St. Tammany Parish, LA - Senior Technician. Performed a Topographic Survey for the replacement of the US 11 Overpass over the Norfolk Southern Railroad. Coordinated with field crews, processed data daily, and assisted in Deliverables preparation.
* previous employer	

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Ryan DiSalvo, PLS			Years of relevant experience with this employer	7
Title	Project Surveyor			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization				Bachelor of Science / 2019 / Geomatics	
Active registration number / state / expiration date				PLS.5326 / Louisiana / 03.31.2026	
Year registered	2023	Discipline	Professional Land Surveyor		
Contract role(s) / brief description of responsibilities: Surveyor. Ryan will serve as a project surveyor.					
Ryan DiSalvo, PLS is a licensed professional land surveyor in Louisiana. He is primarily responsible for providing technical support to the survey supervisor by calculating, analyzing, organizing, coordinating, and researching information, preparing drawings, and generally providing the necessary CAD support to complete the survey effort.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
07/20 - 02/24	Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58 Survey Technician. Assisted in the completion of Topographic Surveys for the replacement of 87 bridge structures in North LA.				
06/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA – Survey Technician. Assisted in the completion of topographic surveys, property surveys, and right of way maps for the replacement of 12 bridges. Processed data that was captured to detail the existing bridges, roadways on either side, and surrounding terrain to ensure proper tie into existing surfaces. Surveys were performed to LADOTD Location and Survey standards.				
08/22 - Ongoing	S. P. No. H.014918 LA 73 Roundabout at Bluff Road Connector; Ascension Parish Government, Ascension Parish, LA – Project Technician. Performed a topographic survey for the design and construction of a roundabout at the intersection of LA 73 and the proposed Bluff Connector Road. Assisted in data processing, project QAQC and Deliverables preparation.				
07/22 - 08/24	S.P. No. H.014407, Roddy Road at LA 621 Roundabout; Ascension Parish Government; Ascension Parish, LA – Survey Technician. Provided technical survey support for topographic surveys, property surveys and right of way mapping for the Roddy Road at LA 621 Roundabout project. This project includes approximately 0.34 miles of roadway reconstruction and roundabout intersection improvements at the intersection of LA 621 and Roddy Rd. in Gonzales, Louisiana.				
11/21 - Ongoing	Contract 44-21973 for Professional Surveying Services; LADOTD, Statewide, LA - Survey Technician. Ryan assists in the completion of topographic surveys under this contract. He coordinates with field crews and processes data daily. He performs project QAQC and aids in Deliverables preparation.				
11/23 - 02/24	H.015576 LA 447 & LA 1025: Roundabout; LADOTD; Walker, LA - Survey Technician. Ryan assisted in the completion of a topographic survey for the design and construction of a roundabout. He coordinated with field crews and processed data daily. Ryan also performed QAQC and aided in Deliverables preparation.				

16. Staff Experience: Ryan DiSalvo, PLS | T. Baker Smith, LLC - continued

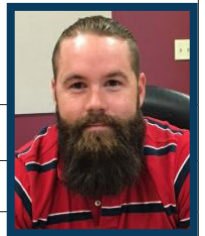
07/24 - Ongoing	IDIQ for Professional Surveying Services; MDOT; Statewide, MS – Senior Technician. Ryan assists in the completion of topographic, hydraulic, bathymetric and property surveys under this contract. He coordinates with field crews and processes data daily. Ryan also performs project QAQC and aids in Deliverables preparation.
12/23 - 04/24	S.P. No. H.015555 LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA – Senior Technician. Ryan assisted in the completion of a topographic survey for the design and construction of a roundabout. He coordinated with field crews and processed data daily. Ryan also performed QAQC and aided in Deliverables preparation.

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Laramy Leet	Years of relevant experience with this employer	8
Title	Party Chief	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities: Party Chief. Laramy will manage survey crews for this contract.			
Laramy Leet has extensive experience with LADOTD projects and is very familiar with LADOTD Location and Survey procedures for control establishment and data collection. He is very experienced with LADOTD coding procedures and the development of survey surfaces for design. His project experience includes boundary, topographic and construction staking for roadways, bridges, subdivisions and municipal projects. He is familiar with roadway alignment properties used in developing topographic surveys for LADOTD. He is experienced with static, rapid static, kinematic and real-time kinematic GPS surveying, surveys utilizing conventional total stations and robotic total stations. He maintains ATSSA Traffic Control Technician (TCT), Traffic Control Supervisor (TCS), and Flagger certifications.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA – Party Chief. Laramy captured data to detail the existing bridges, roadways on either side, and surrounding terrain to ensure proper tie into existing surfaces. He established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD Location and Survey standards for the replacement of 12 bridges. Laramy played a critical role in the scope development stage of this contract by traveling to each of the 12 sites, collecting photographs and identifying challenges and hazards of each.		
07/20 – 01/23 Ph 1 05/21 – 05/23 Ph 2	Contract 44-17598, 44-19336, Rural Bridge Replacement Initiative Ph 1 and 2; LADOTD; Districts 04, 05, 08, 58 – Party Chief. He captured data to detail the existing bridges, roadways on either side, and surrounding terrain to ensure proper tie into existing surfaces. Laramy established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD Location and Survey standards for the replacement of 87 bridges.		
11/21 – Ongoing	Contract 44-21973 for Professional Surveying Services; LADOTD, Statewide, LA – Party Chief. Laramy assists in the survey crew coordination and completion of topographic surveys under this contract. He coordinates right-of-entry by meeting onsite with landowners, establishes control, and collects topographic, drainage, and utility data.		
12/23 – 04/24	S.P. No. H.015555 LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA – Party Chief. Laramy assisted in the completion of a topographic survey for the design and construction of a roundabout. He coordinated right-of-entry by meeting onsite with landowners, established control, and collected topographic, drainage, and utility data.		

16. Staff Experience: Laramey Leet | T. Baker Smith, LLC - continued

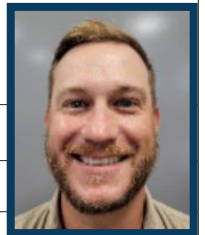
07/17 – 12/18	S.P. No. H.013116 LA 20 Widening (LA 307 to S. Vacherie); LADOTD; St. James and Lafourche Parishes, LA – Party Chief. Established project control, performed topographic survey and property surveys for the widening of a 3-mile segment of LA 20 near Vacherie, LA.
02/18-10/18	ENG-17-013, LA 3127 Extension (LA 70 to LA 1); Ascension Parish Government; Ascension Parish, LA – Party Chief. Performed topographic surveys, SUE designation surveys, existing drainage map surveys and property surveys through virgin terrain along 12 parcels for the 6.8-mile roadway extension project.
10/17-09/18	MA-17-01, Roddy Road Widening (LA 935 to LA 621); Ascension Parish Government; Ascension Parish, LA – Party Chief. Performed Data Processing, project QAQC and task management for Topographic Surveys and right of way Mapping for 1.5 miles of roadway widening from the existing 10' travel lanes and minimal shoulders to 12' travel lanes with four-foot shoulders and associated roadside ditch improvements.
12/16 – 03/17	S.P. No. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41); LADOTD; St. Tammany Parish, LA – Party Chief. Performed topographic survey through virgin terrain for the design and construction of a new 5.5 mile roadway.
08/22 – Ongoing	S. P. No. H.014918 LA 73 Roundabout at Bluff Road Connector; Ascension Parish Government, Ascension Parish, LA – Party Chief. Established project control, performed topographic survey and property surveys for the design and construction of a roundabout at the intersection of LA 73 and the proposed Bluff Connector Road.
09/16 – 10/16	S.P. No. H.012699, LA 10/Beaver Branch Bridge; LADOTD; St. Helena Parish, LA – Party Chief. Topographic survey. Emergency Project – Performed topographic and control surveys using robotic total station and GPS for emergency bridge replacement project in accordance with all LADOTD procedures – deliverables transmitted within 9 days from NTP.
06/22	S.P. No. H.010557, Lajaunie Road Bridge; Lafayette Consolidated Government; Lafayette Parish, LA –Party Chief. Established project control and recovered boundary monumentation for the development of property surveys and right of way plats for off-system bridge program for Lajaunie Road/Lateral 1 Bayou St. Claire.
02/15 – 04/16*	H.011137 and H.011152 I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59); LADOTD; St. Tammany Parish, LA – Party Chief. Performed a Topographic Survey for the widening of approximately 9 miles of I-12 in St. Tammany Parish, LA including 4 interstate overpasses and the bridge over the Tchefuncte River. He collected topographic, drainage, and utility data.
06/16 – 2/17*	H.000263.5 Chef Menteur Pass Bridge; LADOTD; Orleans Parish, LA – Party Chief. Performed Topographic survey for the US 90 bridge replacement over Chef Pass. He coordinated right-of-entry by meeting onsite with landowners, established control, and collected topographic, drainage, and utility data. This project included a hydrographic Survey of a portion of the Chef Menteur Pass.
* previous employer	

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Branden Kinnaird	Years of relevant experience with this employer	2
Title	Party Chief	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities: Party Chief. Branden will lead the survey crew for the project.			
Branden Kinnaird has extensive experience performing surveys according to the LADOTD Location and Survey Manual. He has a thorough understanding of LADOTD feature coding, control setting procedures, and data collection methodology. Branden has utilized conventional surveying equipment, Real-Time Kinematic GPS equipment, and terrestrial LiDAR for field data collection. In addition to his topographic survey experience, Branden is also very familiar with the principles and procedures for boundary surveying. He has been involved in projects on the state and local levels, as well as for private clients.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA – Party Chief. Branden established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD Location and Survey standards for the replacement of 12 bridges.		
08/22 - Ongoing	S. P. No. H.014918 LA 73 Roundabout at Bluff Road Connector; Ascension Parish Government, Ascension Parish, LA – Party Chief. Established project control, performed topographic survey and property surveys for the design and construction of a roundabout at the intersection of LA 73 and the proposed Bluff Connector Road.		
04/21 - 06/21*	S.P. No. H.014322: Centurion over Drainage Bayou, Topographic Survey; LADOTD; Baton Rouge, LA – Party Chief. Collected Topographic data and recovered boundary monumentation for the design and construction of a bridge in Baton Rouge, LA.		
11/21 - Ongoing	Contract 44-21973 for Professional Surveying Services; LADOTD, Statewide, LA – Party Chief. Branden assists in the completion of topographic surveys under this contract. He coordinates right-of-entry by meeting onsite with landowners, establishes control, and collects topographic, drainage, and utility data.		
11/23 - 02/24	H.015576 LA 447 & LA 1025: Roundabout; LADOTD; Walker, LA – Party Chief. Branden assisted in the completion of a topographic survey for the design and construction of a roundabout. He coordinated right-of-entry by meeting onsite with landowners, established control, and collected topographic, drainage, and utility data.		
07/24 - Ongoing	IDIQ for Professional Surveying Services; MDOT; Statewide, MS – Party Chief. Branden assists in the completion of topographic, hydraulic, bathymetric, and property surveys under this contract. He coordinates right-of-entry by meeting onsite with landowners, establishes control, and collects topographic, drainage, and utility data.		

16. Staff Experience: Branden Kinnaird | T. Baker Smith, LLC - continued

12/23 - 04/24	S.P. No. H.015555 LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA – Party Chief. Branden assisted in the completion of a topographic survey for the design and construction of a roundabout. He coordinated right-of-entry by meeting onsite with landowners, established control, and collected topographic, drainage, and utility data.
08/19 - 11/19*	H.005121.5 LA 1 / LA 415 Connector; LADOTD; West Baton Rouge Parish, LA – Party Chief. Performed Topographic survey for construction of a connector Road between LA 415 and LA 1. He coordinated right-of-entry by meeting onsite with landowners, established control, and collected topographic, drainage, and utility data. This project included a hydrographic Survey of a portion of the Intracoastal Waterway.
04/20 - 11/20*	H.000688 US 11 Norfolk Southern RR Overpass (HBI); LADOTD; St. Tammany Parish, LA – Party Chief. Performed a Topographic Survey for the replacement of the US 11 Overpass over the Norfolk Southern Railroad. He coordinated right-of-entry by meeting onsite with landowners, established control, and collected topographic, drainage, and utility data.
03/21 - 12/21 *	MoveBR Nicholson Segment 2 (Bluebonnet – Ben Hur); East Baton Rouge Parish, LA – Party Chief. Performed a topographic survey for the widening of Nicholson Drive. He coordinated right-of-entry by meeting onsite with landowners, established control, and collected topographic, drainage, and utility data.
* previous employer	

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Derek McGehee	Years of relevant experience with this employer	2
Title	Party Chief	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities: Party Chief. Derek will lead the survey crew for the project.			
Derek McGehee is a Party Chief located in the TBS Baton Rouge office. Derek has experience performing surveys according to the LADOTD Location and Survey Manual. He has a thorough understanding of LADOTD feature coding, control setting procedures, and data collection methodology. Derek has utilized conventional surveying equipment, Real-Time Kinematic GPS equipment, and terrestrial LiDAR for field data collection. In addition to his topographic survey experience, Derek is also familiar with the principles and procedures for boundary surveying. He has been involved in projects on the state and local levels, as well as for private clients.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/23 - 07/24	IIJA Off-System Bridge Replacement Program; LADOTD; District 08 – Party Chief. Derek established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD Location and Survey standards for the replacement of 12 bridges.		
11/21 - Ongoing	Contract 44-21973 for Professional Surveying Services; LADOTD, Statewide, LA – Party Chief. Derek assists in the completion of topographic surveys under this contract. He coordinates right-of-entry by meeting onsite with landowners, establishes control, and collects topographic, drainage, and utility data.		
08/22 - Ongoing	S. P. No. H.014918 LA 73 Roundabout at Bluff Road Connector; Ascension Parish Government, Ascension Parish, LA – Party Chief. Established project control, performed topographic survey and property surveys for the design and construction of a roundabout at the intersection of LA 73 and the proposed Bluff Connector Road.		
11/23 - 02/24	H.015576 LA 447 & LA 1025: Roundabout; LADOTD; Walker, LA – Party Chief. Derek assisted in the completion of a topographic survey for the design and construction of a roundabout. He coordinated right-of-entry by meeting onsite with landowners, established control, and collected topographic, drainage, and utility data.		
01/24 - 02/24	S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA – Party Chief. Derek established project control and performed topographic survey, including development of an existing drainage map, for the widening of LA 22 near Madisonville, Louisiana.		
07/24 - Ongoing	IDIQ for Professional Surveying Services; MDOT; Statewide, MS – Party Chief. Derek assists in the completion of topographic, hydraulic, bathymetric, and property surveys under this contract. He coordinates right-of-entry by meeting onsite with landowners, establishes control, and collects topographic, drainage, and utility data.		

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Jason Harris		Years of relevant experience with this employer	6
Title	Party Chief		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization				
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities: Party Chief. Jason will lead the survey crew for the project.				
Jason serves as a survey party chief for TBS and offers over 10 years' experience in field surveys as a party chief, he is primarily responsible for supervising field survey personnel in the collection of field survey data required. He is also responsible for educating other field associates and compiling notes, sketches, and records of survey data obtained on work performed. Jason also ensures that field survey personnel have the necessary equipment and supplies, including personal protection equipment to foster a safe work environment. Jason is experienced with static, rapid static, kinematic and real-time kinematic GPS surveying as well as surveys utilizing conventional total stations and robotic total stations.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/21 - Ongoing	Contract 44-21973 IDIQ for Professional Surveying Services; LADOTD; Statewide, LA - Party Chief. Primarily responsible for communicating with the Project Manager and/or Field Operations Lead and client field representative; Understanding the needs of the project and collecting field survey data required for the project; Supervises field survey personnel.			
05/21 - 04/22	I-55 Widening, Church to Goodman; MDOT; Desoto County, MS - Party Chief. Primarily responsible for communicating with the Project Manager and/or Field Operations Lead and client field representative; Understanding the needs of the project and collecting field survey data required for the project; Supervises field survey personnel.			
09/19 - 10/19	S.P. No. H.004113 I-12 to Bush; LA 3241 (LA 435 to LA 40/41); LADOTD; St. Tammany Parish, LA - Party Chief. Performed topographic surveys along 101 parcels through virgin terrain for the 5.5-mile roadway project.			
06/19 - 12/20	Bucktown Boardwalk Survey Services, Jefferson Parish, LA (Jefferson Parish Government) - Party Chief. Performed topographic surveying for the Bucktown Marsh area.			
03/21 - 04/21	Contract 44-17598, Rural Bridge Replacement Initiative, Ph I (47 bridge structures); LADOTD; Districts 04, 05, 08, 58 - Party Chief. Performed topographic surveying services.			
10/20 - 12/20	Eastbound West Esplanade (Transcontinental to Causeway) Survey, Jefferson Parish, LA (Jefferson Parish Government) - Party Chief. Performed field surveys for the Eastbound West Esplanade Avenue Transcontinental Drive to N. Causeway Boulevard project.			

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Matt Stevens	Years of relevant experience with this employer	20
Title	Hydrographic Marine Solutions Lead	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		Associate of Science / 2005 / Drafting and Design Technology	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities: Senior Technician. Matt will perform hydrographic surveying services for this contract.			
Matt serves as senior project manager of hydrographic survey projects and party chief on both inshore and offshore vessels. He serves as the senior drafter for the marine survey group. He also possesses a thorough understanding of the Hypack® Survey software program, including all aspects of navigation and field collection. He has spearheaded the processing and drafting portion of many high profile projects at TBS. As a project manager at TBS, Matt is involved in a wide range of project management activities from pipeline inspections, bathymetric surveys, and hazard and archaeological surveys.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/14 - 06/14	LADOTD, S.P. No. H.008149, Pier 1 Removal (Leeville Bridge), LA 1, Lafourche Parish, LA – Hydrographic Surveyor. Responsible for performing high resolution multibeam echosounder hydrographic survey to locate remaining pile structure and deliver digital terrain model and elevation data of structure to LADOTD for USCG coordination of the pier removal at the Leeville Bridge.		
11/11 - 01/12	I-10 Twin Span Demolition Survey, Orleans Parish, LA (NASDI, LLC) – Hydrographic Surveyor. Hydrographic surveys for identifying and locating debris, pipelines, or other infrastructure on the bottom of the lake for the demolition of the I-10 Twin Spans.		
01/12 - 02/12	St. Bernard Port, Harbor and Terminal District Chalmette Slip Surveys, St. Bernard Parish, LA (St. Bernard Port, Harbor and Terminal District) – Hydrographic Surveyor. Performed underwater acoustic hydrographic surveys including multi-beam, side-scan, magnetometry, and sub-bottom surveys in the Mississippi River in order to obtain detailed bottom conditions near the Chalmette Slip docking facility to recover damage heel-post turning dolphins and conduct other inspections.		
02/25 - 03/25	Project No. STBG-0058-01(042)/109105-101100 – SR 50 Bridge Replacement (Bridge No. 85.7); MDOT; Lowndes County, MS – Senior Technician. Matt oversaw the completion of a multibeam hydrographic survey of the Tombigbee River channel extending 1,500 feet upstream and downstream of the SR 50 bridge utilizing a twenty-four (24) foot vessel and R2 Sonic 2020 Multibeam Echo Sounder. Following post-processing and QAQC, Matt extracted river bottom elevations at ten (10) feet intervals to be inserted into the final survey DGN.		
07/18 - 08/19	Nashville Wharf Terminal Survey Services, Orleans Parish, LA (AECOM, Ports America, Port NOLA) – Hydrographic Surveyor. Hydrographic side-scan and multibeam survey was performed from immediately in front of the wharf to hundreds of feet into the Mississippi River to record the contour of the river bottom for use in design of the proposed improvements to the facility. Also, Detailed topographic survey was performed over the site, including under the wharf to collect the mudline topography from the face of the wharf to the bulkhead.		

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Eric Deroche	Years of relevant experience with this employer	23
Title	UAS Group Leader	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		Associate of Applied Science / 2001 / Drafting and Design	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities: Supervisor - Other. Eric will perform UAS surveying services for this contract.			
Eric oversees the Unmanned Aerial Solutions (UAS) at TBS. He has seven years of experience providing professional unmanned aerial system solutions to our clients. Eric Deroche provides a professional vital link between all corporate wide project teams and the IT department. He is responsible for developing and maintaining an efficient and effective "Field to Finish" process corporate wide to serve our client's needs.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/20 - 07/20	Surveying Services IDIQ Contract (29-04); Flood Protection Authority - East; Jefferson Parish, LA - UAS Surveyor. Oversaw all drone and LiDAR surveying services for task orders that required such services. Coordinated field schedule, oversaw field data collection, oversaw field data processing and oversaw production of survey deliverables under direction of the Professional Surveyor of Record.		
01/16 - 02/16	Topographic, Bathymetric, and Magnetometer Surveys, Contract No. 2503-15-33, Survey Services for Coastal Restoration Projects (TE-117), CPRA - UAS Surveyor. TBS was tasked with mapping the existing marsh island inside a proposed marsh creation cell for CPRA. The UAS department conducted the necessary drone flight operations to capture aerial images with high spatial resolution in order to quickly and accurately map the islands.		
11/21 - Ongoing	Contract 44-21973 for Professional Surveying Services; LADOTD, Statewide, LA - Supervisor Other. Eric provides aerial and mobile LiDAR services for topographic data collection under this contract. His data is extracted at desired intervals and incorporated into survey deliverable files. Eric's efforts allow for safe and timely data collection of congested and highly trafficked areas.		
10/20 - 02/21	Re-Striping of Taxiways; Houma-Terrebonne Airport Commission; Houma, LA - UAS Surveyor. Provided professional engineering and UAS surveying services to assist HTAC in removal of existing striping, preparing the surface and then restriping of multiple taxiways and the East Ramp. Prepared bidding documents to replace 103,000 square feet of pavement markings which required phased construction. Provided bidding and construction administration in accordance with FAA provisions. Supervised and assisted with design, bidding and construction administration.		
02/25 - 03/25	Project No. STBG-0058-01(042)/109105-101100 - SR 50 Bridge Replacement (Bridge No. 85.7); MDOT; Lowndes County, MS - Supervisor Other. Eric completed an aerial LiDAR survey of the project site extending approximately 20,000 feet in length and 250 feet in width. Following post-processing, the data was extracted and combined with a conventional survey data set to densify existing cross section intervals from 300 feet to 100 feet.		

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Gregory Carlos, Jr.			Years of relevant experience with this employer	18
Title	Industrial Measurement Group Leader			Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization			Associate of Science / 1996 / AutoCadd		
Active registration number / state / expiration date					
Year registered		Discipline			
Contract role(s) / brief description of responsibilities: Supervisor - Other. Gregory will provide terrestrial laser scanning services for this contract.					
Gregory Carlos has experience with surveying, engineering, laser scanning, 3D laser scanning and dimensional control projects. His 37-year career has included a range of project roles from rodman/chainman through operations manager. He oversees the daily operations of a professional, technical team. In this role, Greg is responsible for ensuring consistent high-quality work is being produced by the Industrial Measurement Group and the management of projects.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
06/18 - 08/18	Lake Pontchartrain Causeway Safety Bay Improvements; Greater New Orleans Expressway; New Orleans, LA - Lead Professional/Overall Project Manager. Coordinate traffic control, night time work, laser scan of 12 sections of the Causeway for engineering design of emergency shoulder/bays.				
03/16 - 04/16	Dow Chemical, Plaquemine, LA, Monitoring of Cooling Tower CT - Lead Professional/Overall Project Manager. Provided QA/QC and oversight as well as project coordination for the dimensional control monitoring field surveys for a 24-hour coverage. TBS provided "real-time" results in the field.				
06/18 - 06/18	Dow Chemical, Block 110 Laser Scan, Plaquemine, LA - Lead Professional. Provided QA/QC and oversight for the 3-D laser scans throughout the pipe rack area.				
01/17 - 02/17	Occidental Chemical, DCS of Nickel Piping, Convent, LA - Lead Professional/Overall Project Manager. Provided QA/QC and oversight as well as project coordination for the dimensional control survey of nickel piping.				
03/17 - 04/17	Shell Chemical, Laser Scan of Rx Piping, Geismar, LA - Lead Professional/Overall Project Manager. Provided QA/QC and oversight as well as project coordination for laser scanning.				

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Trenten Norris	Years of relevant experience with this employer	<1
Title	Senior Project Technician	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities: Senior Technician. Trenten will serve as Senior Technician for all LiDAR data collection efforts.			
Trenten Norris has over 12 years of experience as a rodman, party chief and Senior Technician on many topographic and LiDAR surveys for LADOTD, Municipal clients, and various airports. His experience includes conventional survey methods, but Trenten specializes in LiDAR data collection, analysis, and extraction. Trenten has experience with Riegl, Faro, and Leica equipment as well as many of the latest processing and extraction softwares including TopoDOT. He is CST certified (0418-5963) and has his Part 107 Remote Pilot's license. He is also ATSSA TCT, TCS, and Flagger certified.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/22 - 10/23*	H.011833.5 St. Mary Street Sidewalks; LADOTD; Lafayette Parish, LA - Senior Technician. Established LiDAR control, performed LiDAR data collection, post-processing, analysis, and extraction. Assisted in the preparation of topographic survey deliverables for the design and construction of sidewalks.		
07/17 - 12/18*	H.010960.5 LA 30 Roundabout at Tanger I-10 (Gonzales); LADOTD; Ascension Parish, LA - Senior Technician. Established LiDAR control, performed LiDAR data collection, post-processing, analysis, and extraction. Assisted in the preparation of topographic survey deliverables for the design and construction of three roundabouts.		
02/23 - 12/23*	H.012027.5 I-20 UPRR; LADOTD; Caddo Parish, LA - Senior Technician. Established LiDAR control, performed LiDAR data collection, post-processing, analysis, and extraction. Assisted in the preparation of topographic survey deliverables for the design and construction Interstate improvements along the I-20 Corridor.		
04/17 - 07/17*	H.010006.5 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge); LADOTD; Terrebonne Parish, LA - Senior Technician. Performed daily data processing, QA/QC and assisted in the preparation of topographic survey deliverables for the rehabilitation of the LA 58 bridge over Petit Caillou.		
10/16 - 10/16*	H.012728.5 LA 443 Emergency Bridge Replacement; LADOTD; Tangipahoa Parish, LA - Senior Technician. Established LiDAR control, performed LiDAR data collection, post-processing, analysis, and extraction. Processed data daily and assisted in the QA/QC and preparation of topographic survey deliverables for the design and construction of four bridge replacements.		
12/23 - 05/23*	H.012618 LA 347 Drainage Improvements; LADOTD; St. Martin Parish, LA - Senior Technician. Established LiDAR control, performed LiDAR data collection, post-processing, analysis, and extraction. Processed data daily and assisted in the QA/QC and preparation of topographic survey deliverables for roadway and drainage improvements.		

16. Staff Experience: Trenten Norris | T. Baker Smith, LLC – continued

10/15 – 12/18*	H.003184.5 I-10 TX State Line-E of Coone Gully; LADOTD; Calcasieu Parish, LA – Senior Technician. Established LiDAR control, performed LiDAR data collection, post-processing, analysis, and extraction. Processed data daily and assisted in the QAQC and preparation of topographic survey deliverables for the widening of 10.5 miles of I-10, including 10 bridges and a weigh-in-motion system.
01/16 – 07/16*	H.005733.5 US 190 Superstreet; LADOTD; St. Tammany Parish, LA – Remote Sensing Technician. Established LiDAR control, performed LiDAR data collection, post-processing, analysis, and extraction. Processed data daily and assisted in the QAQC and preparation of topographic survey deliverables for the incorporation of superstreets at 11 intersections along the US 190 corridor.
10/20 – 01/21*	H.014302 US 165: Roadway Lighting(OUACHITA); LADOTD; Monroe, LA – Senior Technician. Established LiDAR control, performed LiDAR data collection, post-processing, analysis, and extraction. Processed data daily and assisted in the QAQC and preparation of topographic survey deliverables for a lighting improvement project.
08/16 – 01/18*	H.011235 I-49 Verot School Road; LADOTD; Lafayette, LA – Senior Technician. Established LiDAR control, performed LiDAR data collection, post-processing, analysis, and extraction. Processed data daily and assisted in the QAQC and preparation of topographic survey deliverables for intersection improvements along the future I-49 corridor.
01/18 – 0/20*	I-10: LA 415 to Essen Lane on I-10 and I-12; LADOTD; West Baton Rouge Parish, LA – Senior Technician. Established LiDAR control, performed LiDAR data collection, post-processing, analysis, and extraction. Processed data daily and assisted in the QAQC and preparation of topographic survey deliverables for the widening of I-10 from LA 415 to a point west of the Mississippi River bridge.
05/23 – 08/23*	H.015058 LA 14 Business; LADOTD; Erath, LA – Senior Technician. Established LiDAR control, performed LiDAR data collection, post-processing, analysis, and extraction. Processed data daily and assisted in the QAQC and preparation of topographic survey deliverables for a pavement preservation project.
05/23 – 08/23*	H.015056 LA 685; LADOTD; Erath, LA – Senior Technician. Established LiDAR control, performed LiDAR data collection, post-processing, analysis, and extraction. Processed data daily and assisted in the QAQC and preparation of topographic survey deliverables for road improvements.
* previous employer	

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Perry Smith, Jr.	Years of relevant experience with this employer	3
Title	SUE Project Manager	Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization		Associate of Science / 2007 / Electronics	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities: Senior Technician. Perry will provide utility investigation and research services for the project.			
Perry Smith, Jr. is a SUE Project Manager with over 21 years of experience in the utility field and has served in various roles. His field experience for LADOTD projects began in 2017 where he has been involved in dozens of SUE projects of various sizes across the state of Louisiana. He has participated in all stages of a utility project from field data collection to final deliverable preparation. Perry has a thorough knowledge of ASCE 38-22, and the technology required to achieve the necessary quality levels. He is a certified ATSSA Traffic Control Supervisor (TCS).			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
11/21 – Ongoing	Contract 44-21973 for Professional Surveying Services; LADOTD, Statewide, LA – Senior Technician. Perry oversees the utility research efforts for this contract. Under Perry's supervision, LA OneCall tickets are submitted, utility companies are contacted, and field marking of subsurface utilities is requested. Where utility owners are unresponsive or uncooperative, Perry ensures that utility records or as-built drawings are obtained and incorporated into the survey.		
11/23 – 02/24	H.015576 LA 447 & LA 1025: Roundabout; LADOTD; Walker, LA – Senior Technician. Perry oversaw the utility research efforts for this project. Under Perry's supervision, LA OneCall tickets were submitted, utility companies were contacted, and field marking of subsurface utilities was requested. Where utility owners were unresponsive or uncooperative, Perry ensured that utility records or as-built drawings were obtained and incorporated into the survey.		
07/24 – Ongoing	IDIQ for Professional Surveying Services; MDOT; Statewide, MS – Senior Technician. Perry oversees the utility research efforts for this contract. Under Perry's supervision, LA OneCall tickets are submitted, utility companies are contacted, and field marking of subsurface utilities is requested. Where utility owners are unresponsive or uncooperative, Perry ensures that utility records or as-built drawings are obtained and incorporated into the survey.		
08/23 – 07/24	IIJA Off-System Bridge Replacement Program; LADOTD; District 08 – Senior Technician. Perry oversaw the utility research efforts for this project. Under Perry's supervision, LA OneCall tickets were submitted, utility companies were contacted, and field marking of subsurface utilities was requested. Where utility owners were unresponsive or uncooperative, Perry ensured that utility records or as-built drawings were obtained and incorporated into the survey.		
07/20 – 02/24	Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58 Perry oversaw the utility research efforts for this project. Under Perry's supervision, LA OneCall tickets were submitted, utility companies were contacted, and field marking of subsurface utilities was requested. Where utility owners were unresponsive or uncooperative, Perry ensured that utility records or as-built drawings were obtained and incorporated into the survey.		

16. Staff Experience

Firm employed by: **TBS T. BAKER SMITH**




Name	Kaleb Brooks	Years of relevant experience with this employer	3
Title	SUE Field Manager	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities: Senior Technician. Kaleb will provide utility investigation and research services for the project.			
Kaleb Brooks is the SUE Field Manager in the Baton Rouge, LA office. He is primarily responsible for managing and the coordination of SUE field associates and equipment. As a SUE field manager, Kaleb works with the Project Manager and project team in delivery of Subsurface Utility Engineering projects. Kaleb performs quality control on all fieldwork to ensure the most accurate utility information.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
11/21 – Ongoing	Contract 44-21973 for Professional Surveying Services; LADOTD, Statewide, LA – Senior Technician. Kaleb performs the utility research efforts for this contract. Kaleb submits LA OneCall tickets, contacts utility companies, and requests field marking of subsurface utilities. Where utility owners are unresponsive or uncooperative, Kaleb obtains utility record or as-built drawings and incorporates them into the survey.		
11/23 – 02/24	H.015576 LA 447 & LA 1025: Roundabout; LADOTD; Walker, LA – Senior Technician. Kaleb performed the utility research efforts for this contract. Kaleb submitted LA OneCall tickets, contacted utility companies, and requested field marking of subsurface utilities. Where utility owners were unresponsive or uncooperative, Kaleb obtained utility record or as-built drawings and incorporated them into the survey.		
07/24 – Ongoing	IDIQ for Professional Surveying Services; MDOT; Statewide, MS – Senior Technician. Kaleb performs the utility research efforts for this contract. Kaleb submits LA OneCall tickets, contacts utility companies, and requests field marking of subsurface utilities. Where utility owners are unresponsive or uncooperative, Kaleb obtains utility record or as-built drawings and incorporates them into the survey.		
08/23 – 07/24	IIJA Off-System Bridge Replacement Program; LADOTD; District 08 – Senior Technician. Kaleb performed the utility research efforts for this contract. Kaleb submitted LA OneCall tickets, contacted utility companies, and requested field marking of subsurface utilities. Where utility owners were unresponsive or uncooperative, Kaleb obtained utility record or as-built drawings and incorporated them into the survey.		
07/20 – 02/24	Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58 – Kaleb performed the utility research efforts for this contract. Kaleb submitted LA OneCall tickets, contacted utility companies, and requested field marking of subsurface utilities. Where utility owners were unresponsive or uncooperative, Kaleb obtained utility record or as-built drawings and incorporated them into the survey.		

SECTION 17

PROJECT RELEVANCE:
Topographic Survey



17. Firm Experience

Firm name:				Discipline(s)	Survey
Project name:	IDIQ Contract for Professional Surveying Services Statewide			Firm responsibility (prime or sub?)	Prime
Project number	Multiple #s	Owner's name	Louisiana Department of Transportation and Development		
Project location	Statewide, LA		Owner's Project Manager	Jonathan Herrod, PLS	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1105, Jonathan.Herrod@la.gov			
Services commenced by this firm (mm/yy)		11/21	Total consultant contract cost (\$1,000's)		\$5,000
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$5,000

TBS was selected for a statewide surveying retainer contract in 2021. Under this contract, TBS performs Topographic Surveying for LADOTD projects statewide. The limitation for fees is \$5 Million under this professional services contract, and projects are initiated via task order. TBS completes all deliverables using Microstation and inroads as certified by CADconform. Below is a partial list of completed Task Orders:

S.P. No. H.009892 – LDRR (New Iberia) US 90 Frontage Road, Iberia Parish. This project was located in Iberia Parish, LA at the intersection of US 90 and LA 329, north of US 90, and along US 90 Frontage Road and LA 329. The project's objective was to connect the US 90 Frontage Road across LA 329 and the existing Louisiana and Delta Railroad (LDRR). A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits and an existing drainage map of the project site.

S.P. No. H.014414 – LA 22: Bedico Creek – Pine Creek Dr, St. Tammany and Tangipahoa Parishes. This project was located near Madisonville, LA along LA 22. The main corridor for this project is approximately 4.5 miles along a highly trafficked roadway through a heavily wooded corridor. The width of the survey and DTM was a total of 140', extending 70' on each side of the project centerline. The project also included the topographic survey for a potential roundabout at Trapagnier Road and an existing drainage map of the project site. Over the course of the year-long survey, TBS encountered ongoing new utility installation and other construction throughout the site. A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits.

S.P. No. H.015587 LA 3211 @ Yokley Road Roundabout, St. Mary Parish. This project was located in Franklin, LA at the intersection of LA 3211 and Yokley Road. The project's objective was to construct a roundabout at the intersection. A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits and an existing drainage map of the project site.

S.P. No. H.016326 LA 36 Drain Bridge, St. Tammany Parish. This project was located in St. Tammany Parish, LA along LA 36. The project's objective was to replace an existing bridge structure over a drainage canal. The site extended for approximately one thousand (1,000) feet in length and one hundred fifty (150) feet in width. A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits.


TBS Team: Rene Hebert, PLS; Jean Reulet, PLS; Ryan DiSalvo, PLS; Anthony Burns, Branden Kinnaird, Derek McGehee; Laramy Leet; Jason Harris; Kaleb Brooks; Perry Smith

Potential Project Relevance:

✓ Topographic Survey



17. Firm Experience

Firm name:			Discipline(s)	Survey
Project name:	Rural Bridge Replacement Initiative, Phase I & II		Firm responsibility (prime or sub?)	Prime
Project number	Multiple #s	Owner's name	Louisiana Department of Transportation and Development	
Project location	Statewide, LA		Owner's Project Manager	Valerie M. Tourres, PE
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1894, valerie.tourres@la.gov			
Services commenced by this firm (mm/yy)	08/20	Total consultant contract cost (\$1,000's)		\$14,235
Services completed by this firm (mm/yy)	Ongoing (Survey Complete)	Cost of consultant services provided by this firm (\$1,000's)		\$9,055

As part of an overall effort by LADOTD to reduce the amount of structurally deficient bridges throughout the state as part of meeting FHWA metrics, LADOTD contracted TBS for the Rural Bridge Replacement Initiative, Phase I and Phase II project which replaced 87 bridge structures, primarily in North Louisiana, within 14 parishes including Claiborne, Webster, and Red River Parish.

The consultant contract was complete turnkey project involving inspection, surveying, ROW, geotechnical, preliminary and final bridge plans, preliminary and final roadway plans, construction services, scour analysis, hydraulic analysis, load rating and permanent signing. TBS was the prime consultant for this contract and is responsible for nearly all contract services including inspection, topographic surveying, right of way mapping, Preliminary and final bridge plans, preliminary and final roadway plans, construction services, scour analysis, hydraulic analysis, load rating and permanent signing for all 87 structures. TBS is coordinating geotechnical investigation and design using sub-consultants. The replacement structures include box culverts, RC Slab spans, and Louisiana Girder (LG) 25 girder span bridges on PPC piles having clear widths ranging from 24' wide to 40' wide.

Typical topographic surveys extended 500' from each end of the existing bridge structure. Due to the rural and heavily wooded nature of these sites, control surveys often required a combination of GPS observations and conventional traversing methods.

Topographic Data was captured to detail the existing bridges, roadways on either side, and surrounding terrain to ensure proper tie into existing surfaces. Cross sections of the channels they cross were also surveyed to provide hydraulic information for hydraulic modeling. TBS Surveyors coordinated with an in-house engineering design team throughout the duration of the project.

All survey deliverables were prepared according to the LADOTD Location and Survey Manual.


TBS Team: TJ Stokes, PE; Jean Reulet, III; PLS; Anthony Burns; Ryan DiSalvo, PLS; Laramie Leet; Branden Kinnaird; Rene Hebert, PLS, PMP; Derek McGehee; Perry Smith, Jr.; Jason Harris; Kaleb Brooks

Potential Project Relevance:

✓ Topographic Survey



17. Firm Experience

Firm name:	 T. BAKER SMITH			Discipline(s)	Survey
Project name:	IIJA Off-System Bridge Replacement Program			Firm responsibility (prime or sub?)	Prime
Project number	Multiple #s	Owner's name	Louisiana Department of Transportation and Development		
Project location	LADOTD District 08, LA		Owner's Project Manager	Brian Allen	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1840; brian.allen@la.gov			
Services commenced by this firm (mm/yy)		10/22	Total consultant contract cost (\$1,000's)		\$ 2,450
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$ 2,044

The IIJA Off-System Bridge Replacement Program was created with the signing of the Infrastructure Investment and Jobs Act (IIJA) to increase federal funding to replace off-system bridges that are in fair or poor condition. **DOTD awarded TBS with the IIJA off system bridge contract for District 08**, which allocated approximately \$29 million to cover engineering services, construction, environmental, right-of-way acquisitions, utility relocations and construction support services.

TBS serves as the prime consultant on this contract and is responsible for road and bridge design services including horizontal and vertical alignments, hydraulic and hydrologic analysis, cross sections, geometric details, sequence of construction, temporary erosion control, and cost estimation. TBS also provides **topographic surveying services**, environmental permitting, and right-of-way services.

Typical topographic surveys extended 500' from each end of the existing bridge structure. Due to the rural and heavily wooded nature of these sites, control surveys often required a combination of GPS observations and conventional traversing methods.

Topographic Data was captured to detail the existing bridges, roadways on either side, and surrounding terrain to ensure proper tie into existing surfaces. Cross sections of the channels they cross were also surveyed to provide hydraulic information for hydraulic modeling. TBS Surveyors coordinated with an in-house engineering design team throughout the duration of the project.

All survey deliverables were prepared according to the LADOTD Location and Survey Manual.


TBS Team: TJ Stokes, PE; Jean Reulet, III, PLS; Rene Hebert, PLS, PMP; Anthony Burns; Ryan Disalvo, PLS; Laramie Leet; Branden Kinnaird; Derek McGehee; Kaleb Brooks; Perry Smith

Project Relevance:

✓ Topographic Survey



17. Firm Experience

Firm name:	 T. BAKER SMITH			Discipline(s)	Survey
Project name:	LA 447 & LA 1025: Roundabout			Firm responsibility (prime or sub?)	Prime
Project number	H.015576	Owner's name	Louisiana Department of Transportation and Development		
Project location	Livingston Parish, LA		Owner's Project Manager	Jacob Fusilier, PE, PMP	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1185; Jacob.Fusilier@la.gov			
Services commenced by this firm (mm/yy)		11/23	Total consultant contract cost (\$1,000's)		\$430
Services completed by this firm (mm/yy)		Ongoing (Survey Complete)	Cost of consultant services provided by this firm (\$1,000's)		\$430

The LA 447 and LA 1025 Roundabout Project in Walker, LA, centers on improving an existing stop-controlled intersection by converting it into a single-lane urban roundabout, significantly enhancing corridor efficiency and safety. Surveying has been a foundational element of this project, providing critical data to support every phase of design and construction planning.

The project scope began with a comprehensive topographic survey, capturing detailed field information necessary for accurate preliminary and final design development. The survey phase established the groundwork for key engineering decisions, particularly given the unique challenges of high-speed approaches on three legs of the intersection. TBS's surveying efforts ensured precise mapping of utilities, and roadway features, allowing the design team to confidently address geometric design requirements in accordance with LADOTD's Roadway Design Manual and NCHRP Research Report 1043 standards.

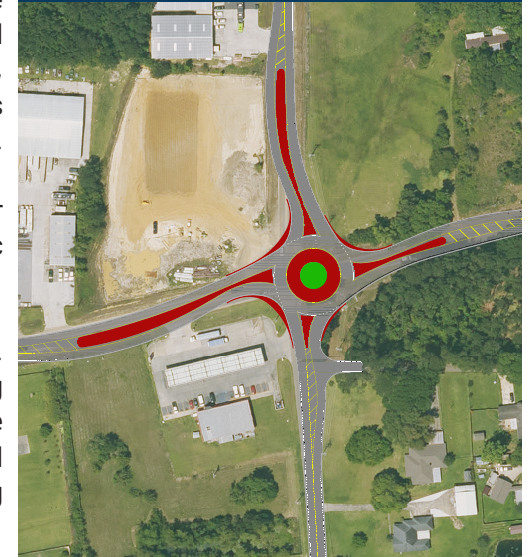
Minimizing right-of-way impacts and avoiding disruptions to adjacent commercial properties were major objectives, both heavily reliant on the accurate survey data collected. This survey information guided strategic decision-making throughout the corridor design.

Maintaining uninterrupted traffic flow on LA 447 and LA 1025 during construction is critical to project success. With the survey phase successfully completed, TBS has advanced to the 100% preliminary design stage. Ongoing responsibilities include the preparation of detailed roadway plans encompassing geometric and drainage design, roundabout grading, pavement marking layouts, permanent signage design, utility conflict matrices, and comprehensive project management—all of which continue to depend on the integrity of the original surveying work.


TBS Team: TJ Stokes, PE; Jean Reulet, III, PLS; Rene Hebert, PLS, PMP; Anthony Burns; Ryan Disalvo, PLS; Laramie Leet; Branden Kinnaird; Derek McGehee; Kaleb Brooks; Perry Smith

Project Relevance:

✓ Topographic Survey



17. Firm Experience

Firm name:	 T. BAKER SMITH		Discipline(s)	Survey
Project name:	Professional Surveying Services IDIQ		Firm responsibility (prime or sub?)	Prime
Project number		Owner's name	Mississippi Department of Transportation	
Project location	Statewide MS		Owner's Project Manager	Chad Ainsworth, PLS
Owner's address, phone, email	P.O. Box 1850, Jackson, MS 39215; 601-359-7062; cainsworth@mdot.state.ms.us			
Services commenced by this firm (mm/yy)	10/22	Total consultant contract cost (\$1,000's)		\$1,500
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$1,500

In October of 2022, T. Baker Smith, LLC (TBS) was awarded a three (3) year Professional Surveying Services IDIQ by the Mississippi Department of Transportation. The limitation for fees is \$1.5 Million under this contract, and projects are initiated via task order. TBS prepares deliverables using Bentley Microstation and OpenRoads Designer Connect Edition. Below is a list of task orders assigned to TBS. They are currently in progress and scheduled to be completed by the end of May 2025 according to Deliverables requirements outlined in the MDOT Survey Manual.

Project No. NHPP-0006-01(105)/109104-101100 – US 78 Bridge Replacement (Bridge No. 9.5A)

TBS is under contract to provide Topographic, Hydraulic and Property Surveying services for the replacement of the US 78 Bridge 9.5A over the Coldwater River near Olive Branch, MS. TBS contacted landowners within the limits of the project site to request Right-of-Entry onto private property. TBS survey crews collected Topographic Data collection of the approximately six thousand (6,000) feet long site. Terrestrial LiDAR was utilized to collect road surface data on US 78 as well as substructure data on the four (4) bridges onsite. TBS is coordinating with utility companies to obtain records of subsurface utilities present throughout the site. In preparation of the Hydraulic Survey, TBS collected strategically placed cross sections of the Coldwater River extending approximately one thousand (1000) feet upstream and downstream of Bridge 9.5A. This effort also includes the development of a drainage map and floodplain profile.

Project No. STBG-0058-01(042)/109105-101100 – SR 50 Bridge Replacement (Bridge No. 85.7)

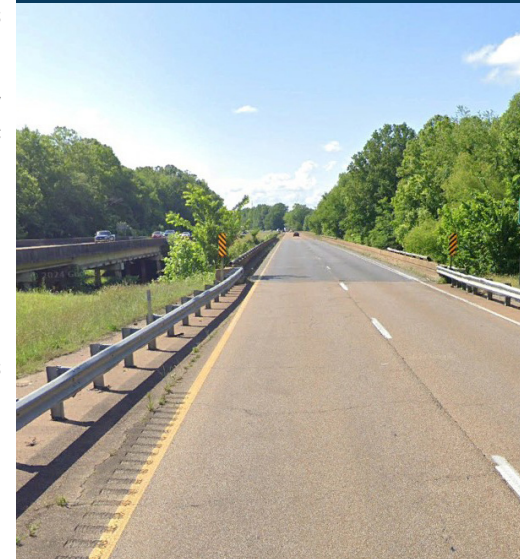
TBS is under contract to provide Hydraulic, Bathymetric, and Property Surveying services for the replacement of the SR 50 Bridge 85.7 near Columbus, MS. TBS contacted landowners within the limits of the project site to request Right-of-Entry onto private property. TBS survey crews collected data on the approximately four miles long site. In preparation of the Hydraulic Survey, TBS collected conventionally surveyed cross sections along the north side of SR 50 at approximately three hundred (300) feet intervals. Subsequently, aerial LiDAR data was collected to densify the cross sections to one hundred (100) feet intervals. This effort also includes the development of a floodplain profile. Bathymetric data was collected within the Tombigbee River Channel for a distance of one thousand five hundred (1,500) feet upstream and downstream of the SR 50 bridge utilizing a twenty-four(24) foot vessel and R2 Sonic 2020 Multibeam Echo Sounder.

As both Task orders include a Property Survey, TBS utilized the local Counties' online records database to collect property deeds and plats for the development of said property surveys. A detailed search and collection of property corners, right-of-way markers and property line evidence is being conducted to aid in Property Survey preparation.

Primary control networks and PCODE list were established and provided by MDOT.

Potential Project Relevance:

✓ Topographic Survey



TBS Team: TJ Stokes, PE; Jean Reulet, III, PLS; Rene Hebert, PLS, PMP; Anthony Burns; Ryan Disalvo, PLS; Branden Kinnaird; Derek McGehee; Trenten Norris; Perry Smith; Kaleb Brooks; Eric Deroche; Matt Stevens

SECTION 18

PROJECT RELEVANCE:
Topographic Survey



18. Approach and Methodology

PROJECT UNDERSTANDING AND PROJECT TEAM

In order to assist the LADOTD Location and Survey group in performing and delivering Topographic Survey projects, T. Baker Smith (TBS) provides full and necessary resources to execute all task orders received under this IDIQ contract. With our intimate knowledge of LADOTD's IDIQ process, we recognize that it serves as a valuable contacting tool for LADOTD, allowing quick engagement on time-sensitive projects in order to meet the needs of the Department. The associates listed on this submittal's organizational charts are our core group whose **first responsibility will be to this IDIQ contract** and performing/completing the professional surveying and related services for the projects included in the assigned task orders, with the licensed professionals listed having 76 years of combined experience in the industry. TBS will pull resources from other offices and groups to ensure the requirements of this contract are met, as needed.

Jean Reulet, III, PLS brings a decade of professional land surveying experience, with a strong foundation in LADOTD projects dating back to 2011. From field data collection to final deliverables preparation, he has played a key role in numerous projects statewide. Jean's deep understanding of LADOTD's Location and Survey Manual has shaped his meticulous QA/QC process, ensuring accuracy and consistency throughout every phase.

TBS' Team will leverage key strengths for successful execution of Task Orders:

- **Experienced Team:** The extensive experience of our team staff, as outlined in Section 16, along with our commitment to staff continuity, ensures effective project execution.
- **Clear Communication:** We provide timely updates to LADOTD, with prompt responses to inquiries and proactive engagement on

schedules and costs.

- **Swift Task Order Execution:** TBS and our project team excels in meeting tight deadlines.
- **Local Familiarity and Partnerships:** Our teams' established relationships with LADOTD and local municipalities enable us to ensure successful task order completion.



PROJECT APPROACH AND TASK ORDER MANAGEMENT

Once a proposed task order is received from LADOTD's Location and Survey Department, the TBS Project Manager will be available to meet with the LADOTD's Task Manager to discuss project objectives and the overall scope, schedule, and effort needed to complete the task order. During this discussion, atypical project needs, and task order specific methods and equipment may be discussed. This may include right of entry coordination with a railroad company or the need for a lane closure or detour to safely collect the necessary data.

When the scope and effort to complete the task order are accepted, the TBS Project Manager will create a Project Management Plan (PMP). Personnel will be assigned to the task order at this

time including a project surveyor to oversee the execution of the survey work. A work breakdown structure will be created to determine a schedule of milestones to achieve, schedule of personnel, task specific QA/QC plan, communication plan, and deliverables breakdown.

TBS will begin field preparations once a Notice to Proceed (NTP) is received. At this time, a list of private landowners within the limits of the project will be prepared. Landowners will be contacted either in person via a site visit or through a certified letter requesting access to their property. Right of entry approvals and denials will be documented. A detailed field pack will be prepared including safety requirements, field objectives, special instructions, and timeline for data acquisition. **All field personnel will possess the required Work Zone Training Certifications as listed in the Contract Advertisement.** Calibration checks will be performed on all field equipment before the field work begins and at necessary intervals as determined in the task specific QA/QC plan in the PMP. The project surveyor will review all field pack information with the survey crew at the start of the survey.

A Louisiana One Call (LA OneCall) ticket will be placed for the task order's survey area and all utility companies listed on the ticket will be contacted for further utility location information. This information will be included in the field pack and reviewed with the field crew at the start of the survey. As utility companies are not required by law to locate for surveys, we often find that they are unwilling to assist. **In this scenario, TBS will utilize our experienced SUE staff to assist in gathering utility records and coordinating with non-compliant utility companies.**

The field effort will begin with a control survey to set project control monumentation that will be used during the field survey and throughout the project. The control survey will be performed as

18. Approach and Methodology

per the instructions in the **LADOTD Location and Survey Manual (Manual), recently updated and published in October 2023**. All monumentation will be set in clear areas adjacent to the project with clear sky visibility. The primary control monuments will consist of iron rods with caps in concrete constructed along the project route as necessary to provide adequate coverage over the project area. It is our intention to construct monumentation that is semi-permanent and easily recoverable, so that it may be utilized by the contractor during construction. The monuments or TBMs will be placed at intervals of not over 1000 feet and at all stream crossings and intersections as per the Manual. Following establishment, all primary monumentation will be observed via GPS Static, Real-Time Network (RTN), or conventional traverse observations. At this time, a closed level loop will be performed on all monuments and TBMs ensuring they meet the misclosure specified in the Manual. The project survey control and horizontal alignment shall be based on the Louisiana State Plane Coordinate System, (NAD-83), as determined by G.P.S. observation. Once the field data is reviewed by the project surveyor, a control sketch will be prepared and sent to the Department for approval. The field survey will begin following approval of the control sketch.

Upon commencement of the field survey, the **project surveyor will maintain daily communication with the survey crew** and be the primary point of contact for the survey crew. Clear and concise field notes will be taken at the time of the survey in LADOTD issued field books and in accordance with the instructions in the Manual. Should any issues arise onsite, they shall be reported to LADOTD's task manager.

An elevation grid will be collected at fifty (50) feet intervals on paved surfaces and one hundred (100) feet intervals on natural ground surfaces. Page 18 of the Manual details precision requirements for collecting topographic data.

Where an existing Drainage Map is requested, survey crews will locate all drainage structures within three hundred (300) feet of the topographic survey limits. They will also locate any major drainage structures within one-half mile of the limits that are determined to feed onsite drainage areas.



Following field collection, data files will be processed daily and inserted into the project field book file (fwd) or the most recent version of Open Roads, depending upon the requirements of the Location and Survey group. Data will first be reviewed for connectivity and missing features. If needed, a survey crew will return to the site to ensure complete and accurate data coverage within the project limits. Elevation data will be reviewed by generating a Digital terrain Model (DTM). This allows for identification of incorrect target heights, crossing breaklines, inaccurate elevations, and analysis of drainage flow. Following the QAQC process, alignments and

surface are generated.

Documents titled "Location and Survey Description of Survey Data File Deliverables" and "Consultant Drainage Map Standards" prepared by LADOTD and dated May 14, 2010 and June 15, 2012, respectively, will be reviewed by TBS. Final deliverables will be prepared according to these documents using LADOTD cad standards. When all data is found to conform to the Manual and the deliverables have been made to CADconform, the final DGN, Survey Reports, Field Notes, and supporting documents will be reviewed by the contract's project manager for delivery. Once approved, the deliverable files will be uploaded to ProjectWise or copied to a hard drive and the necessary hard copies will be hand delivered to the Department.

Any comments received will be addressed in a timely manner. Once we are notified of the deliverables' acceptance, the contract's project manager will request feedback on performance improvements for future task orders from the LADOTD task manager.

TBS understands the transition in cad standards coming to LADOTD. **The TBS staff are on the leading edge of the transition to Bentley Open Roads Designer (Open Roads).** To be proactive in this transition, we have completed multiple Open Roads training sessions through Zen Engineering, Inc.

TBS and its team have extensive experience managing IDIQ projects and have a firm understanding of LADOTD's IDIQ process.

TJ Stokes, PE: 44-25511 IDIQ Contract for Professional Subsurface Utility Engineering Services Statewide
Jean Reulet, III, PLS: 44-21973 IDIQ Contract for Professional Surveying Services Statewide
Rene Hebert, PLS, PMP: 44-21973 IDIQ Contract for Professional Surveying Services Statewide

18. Approach and Methodology

ALTERNATIVE SURVEY METHODS

TBS has the resources to provide survey solutions for a wide range of projects. Outside of traditional topographic survey methods, TBS has the experienced personnel and resources to perform the following:

Terrestrial Static LiDAR Scanning: TBS leverages terrestrial laser scanning as an efficient method for collecting survey measurements when it benefits the project. Based on project objectives, terrestrial laser scanning may benefit the scope, budget, and schedule by quickly capturing large datasets of a topographic survey area in a fraction of the time of a conventional topographic survey. **Terrestrial laser scanning may also provide a safer alternative when surveying congested areas such as high traffic areas, areas of fall hazards, or confined spaces allowing field crews to capture data from a safe distance.** TBS deploys a Trimble SX-12 scanning system depending on the project needs. Scan data is processed through Trimble Business Center, Leica Cyclone and TopoDOT.

Terrestrial and Aerial Mobile LiDAR Scanning: Integrating mobile scanning into projects is one way that TBS is raising the bar on data collection. This new and rapidly evolving technology allows TBS to safely collect large amounts of data in a fraction of the time. With our growing fleet of state-of-the-art unmanned aerial vehicles and a multitude of processing software, TBS can customize client deliverables to satisfy any project with the ability to accurately and precisely record, interpret, and manage data derived in accordance with the highest standards. All data is processed and housed within TBS' file management system. **TBS provides experienced FAA licensed pilots as well as Part 107 certified drone pilots** to collect the highest quality survey grade data in the field with the latest unmanned aerial vehicles and sensor attachments.

TBS' current fleet of UAS equipment includes a Phoenix LiDAR LR22 with Harris Aerial H6E, and a Phoenix LiDAR Recon XT with DJI M300 for LiDAR capturing. It includes a four SenseFly Ebee X RTK/PPK, and an Altavian Nova 7200 PPK for photogrammetry capturing. It also includes two DJI M-210v2, two DJI M-350, and one DJI Mini 3 for site videos and photos. **For vehicle mounted mobile data collection, we use a Phoenix LiDAR LR22 w/ LADY BUG 360° Spherical Camera Mobile LiDAR System.**



Hydrographic Surveying: TBS' hydrographic survey procedures provide our surveyors with the capability to inspect **seafloor conditions and investigate and inspect underwater obstructions.** Our professionals produce detailed hydrographic survey maps, digital imagery, and video graphics of data captured at marine project sites.

When conducting a hydrographic survey, a two-man crew will man a 24' survey vessel. The vessel is equipped with Odom Digibar Pro DB1200 Velocimeter for echo-sounder calibration, R2 Sonic 2020 Multi-beam Echo-Sounder for bathymetric scans, Edgetech 4125 side-scan sonar for bottom imagery, and Geometrics 882 Cesium Magnetometer for the geophysical location of submerged magnetic anomalies. The vessel uses Trimble RTK GPS with a base set on project control for navigation and positioning. HYPACK will be used for all data collection, processing, and survey navigation.

Subsurface Utility Engineering: T. Baker Smith uses industry leading technology and experience to provide Subsurface Utility Engineering (SUE) services. TBS has all equipment necessary in house including a variety of Pipe and Cable locators, Ground Penetrating Radars (GPR), and Vacuum Excavation Trucks. Our staff has decades of combined experience performing SUE services to ASCE 38-22 standards, and the prior 38-02 standards, for LaDOTD, and we can provide the appropriate Quality Level of utility location required for each Task Order. All SUE work will be performed to the Location and Survey standards. Where SUE is not required, our staff can submit LA OneCall tickets and perform in-depth records research, utilizing an extensive list of utility owners and contacts compiled over several years and through the execution of many projects.

QA/QC

Based on our firm's current QA/QC policies and procedures, TBS will provide a QA/QC plan tailored to the scope of this contract within ten (10) business days of award notification. TBS has prepared a set of Transportation Survey specific checklists that we utilize for field data review, existing drainage map development, and final deliverables preparation. The checklists are used by our surveyors and cover each stage of a task order from commencement to completion. They have proven effective with task orders completed under our current Professional Surveying Services IDIQ, Contract No. 4400021973, having all been accepted by the Department following initial submittals. As an additional means of QA/QC, TBS has the ability to utilize our in-house Transportation Engineering group. They will often assist in the development of alignments and drainage maps to ensure that our surveys are prepared in a manner that is logical and easily interpretable by the design engineers assigned to the project.

18. Approach and Methodology

ADDITIONAL CONSIDERATIONS

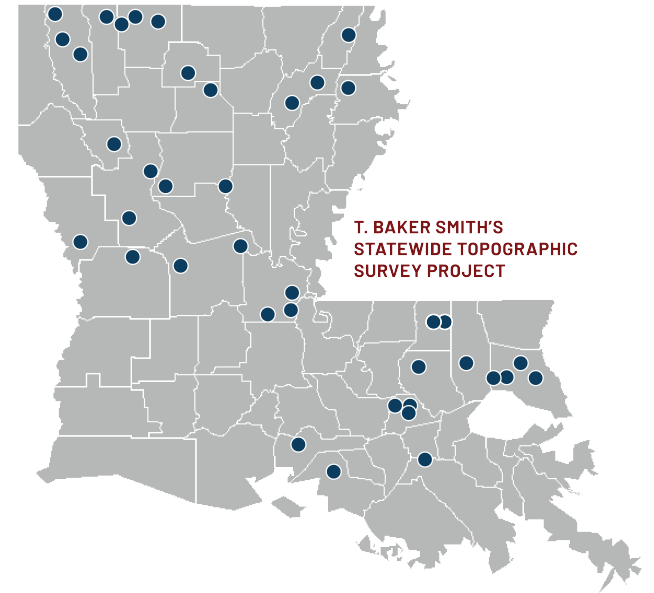
The TBS team dedicated to this contract will be housed in offices throughout Louisiana with offices in Baton Rouge, Thibodaux, Houma, Metairie, Covington, and Lafayette. TBS also has an extensive fleet of amphibious and marine vessels, allowing the firm to survey in the harshest Louisiana terrains.

While evaluating T. Baker Smith's qualifications, please consider the following unique qualities of our firm that will be an asset to your project:

- A firm committed to work zone safety with field crews who have completed the required ATSSA work zone training for TCS/TCT and Flaggers.
- **A team with a history of successfully completing projects for the LADOTD Contract Manager and staff.**
- A project team comprised of not only survey staff, but engineering staff at multiple project levels with extensive roadway and bridge design experience to ensure seamless coordination among disciplines.

- A team of integrated, multi-disciplined professionals who have worked together on similar projects for LADOTD for the last 20+ years.
- Office locations which provide direct and immediate access not only to projects throughout the state, but to your staff at LADOTD.
- **A firm with vast equipment resources and the capability of allocating multiple survey crews to the project, aiding in project delivery time and completeness.**
- A firm committed to LADOTD Procedures and experienced in providing surveys to LADOTD using Bentley Microstation, InRoads, and CADconform.

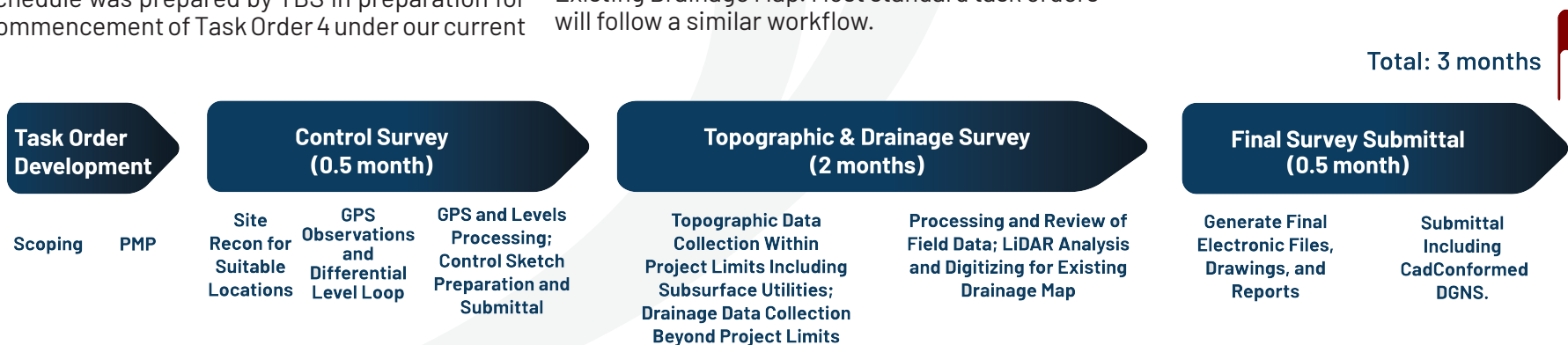
TBS appreciates the opportunity to submit our proposal for the IDIQ Contracts for Professional Survey Services Statewide to the Louisiana Department of Transportation and Development, and we look forward to a continued working relationship with LADOTD.



SCHEDULE

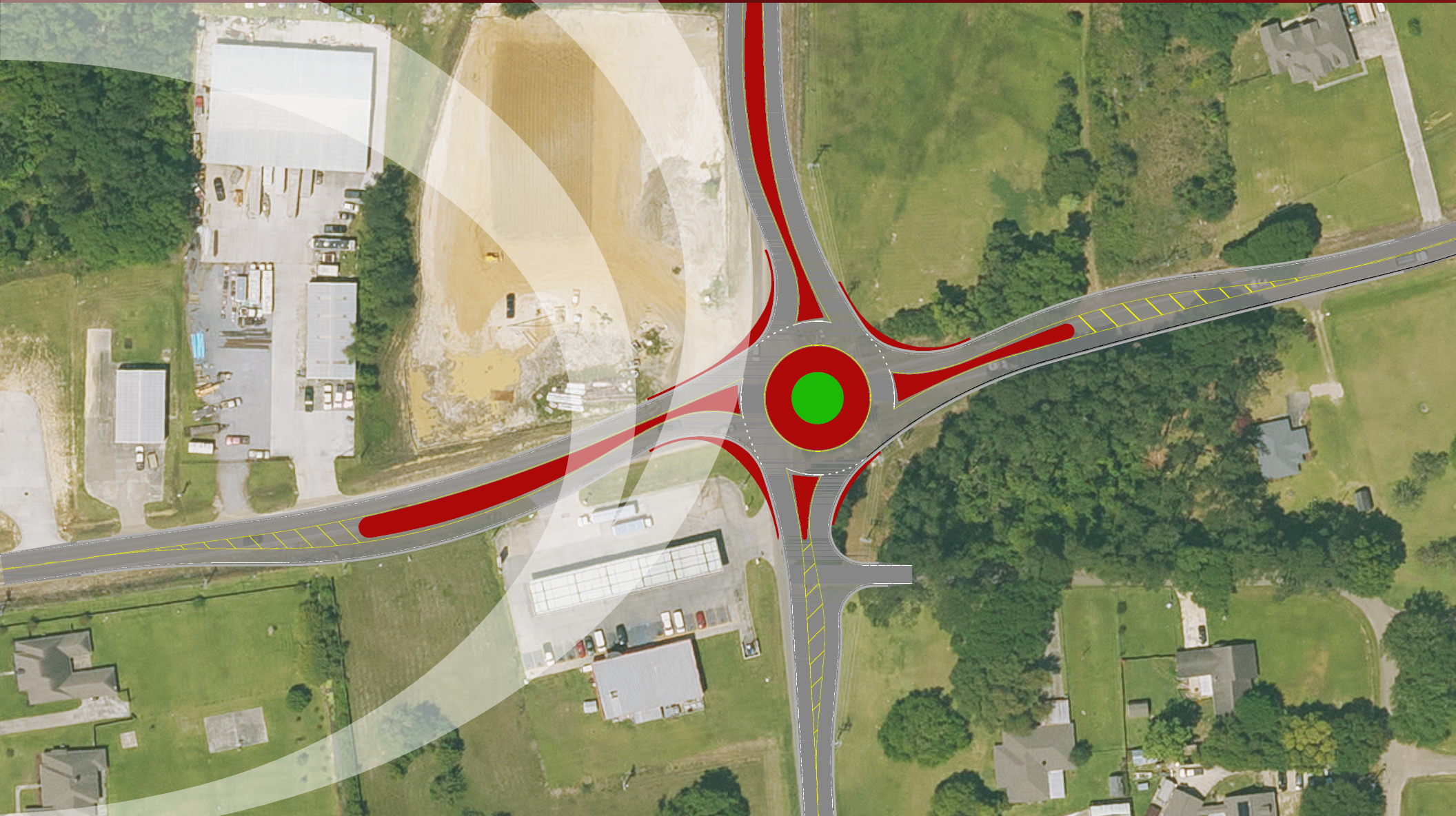
Below is a sample schedule for a task order with a ninety (90) day contract time. This schedule was prepared by TBS in preparation for commencement of Task Order 4 under our current

Professional Surveying Services IDIQ – Contract No. 4400021973. It includes all the components of a standard topographic survey, including an Existing Drainage Map. Most standard task orders will follow a similar workflow.




SECTION 19-23


PROJECT RELEVANCE:
Topographic Survey



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
	Bridge	4400013407 / H.013199	Country Estates Dr. Over St. Louis Bayou	\$799
		4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$106,468
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$134,307
	CE&I/OV	4400025760 / H.011137	I-12: LA 1077 to LA 21(CE&I)	\$828,582
	Environmental	4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$34,658
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$40,849
	Other (Construction Support)	4400013203 / H.001344	US 190: LA 437 to US 190 Bus (Ph 1)	\$82,364
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$102,092
	Other (Contract Management)	4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$19,749
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$68,030
	Other (Hydraulics)	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$3,788
	Road	4400013407 / H.013199	Country Estates Dr. Over St. Louis Bayou	\$750
		4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$107,318
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$231,381
		4400024928 / H.015721 (Task Order #2)	LA 30: Roundabout @ St. Elizabeth/ S Penn	\$90,299
		4400024928 / H.015587 (Task Order #3)	LA 3211 @ Yokley Road Roundabout	\$165,100
	Survey	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$106,384
		4400021973/H.009892	US 90 FR: Extension to LA 329	\$73,365
		4400021973/H.014308	Pope Lane IC RR Xing	\$159,701
		4400021973/H.016322	LA 81: W/-11 Lateral & Bayou Black Brs	\$84,880
		4400021973/H.016323	LA 37: Glass Branch Bridge	\$42,492
		4400021973/H.016324	LA 1047: Drain Bridge	\$42,623
		4400021973/H.016326	LA 36: Drain Bridge	\$42,057
		4400021973/H.016333	LA 95: Over Bayou Bridge	\$50,138
		4400021973/H.015308	I-49:I-10 - St. Landry P/L	\$139,000
	Other (Subsurface Utility Engineering)	4400025511 / H.012449	KCS Xings Betwn Gayosa St. & Louise (BTR)	\$138,308

20. Certifications/Licenses – T. Baker Smith, LLC

State of Louisiana Secretary of State 		COMMERCIAL DIVISION 225.925.4704 <u>Fax Numbers</u> 225.932.5317 (Admin. Services) 225.932.5314 (Corporations) 225.932.5318 (UCC)	
Name	Type	City	Status
T. BAKER SMITH, LLC	Limited Liability Company	HOUMA	Active
Previous Names			
T. BAKER SMITH, L.L.C. (Changed: 3/23/2011)			
T. BAKER SMITH, INC. (Changed: 12/13/2010)			
T. BAKER SMITH & SON, INC. (Changed: 4/20/2005)			
Business: T. BAKER SMITH, LLC			
Charter Number: 26901340K			
Registration Date: 1/7/1965			
Domicile Address			
412 SOUTH VAN AVENUE			
HOUMA, LA 70363			
Mailing Address			
P.O. BOX 2266			
HOUMA, LA 70361			
Status			
Status: Active			
Annual Report Status: In Good Standing			
File Date: 1/7/1965			
Last Report Filed: 12/11/2023			
Type: Limited Liability Company			
Registered Agent(s)			
Agent: KENNETH W. SMITH			
Address 1: 412 SOUTH VAN AVENUE			
City, State, Zip: HOUMA, LA 70363			
Appointment Date: 10/29/2001			
Officer(s)			
Officer: KENNETH W. SMITH			
Title: Manager			
Address 1: 412 SOUTH VAN AVENUE			
City, State, Zip: HOUMA, LA 70363			
Additional Officers: No			

21. QA/QC Plan

22. Sub-consultant information

Firm Name (Name must match exactly as registered with Louisiana’s Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	Address	Point of Contact and email address	Phone Number

23. Location