



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT



T. BAKER SMITH

**CONTRACT NOS. 4400025510,
4400025511, AND 4400025512**

**IDIQ CONTRACTS FOR PROFESSIONAL
SUBSURFACE UTILITY ENGINEERING
SERVICES – STATEWIDE**


November 17, 2022

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.

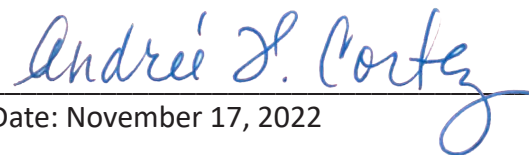
ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

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 title as shown in the advertisement | IDIQ CONTRACT FOR PROFESSIONAL SUE SERVICES STATEWIDE |
| 2. Contract number(s) as shown in the advertisement | 4400025510, 4400025511, & 4400025512 |
| 3. State Project Number(s), if shown in the advertisement | N/A |
| 4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law) | 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 | 17927 Old Jefferson Hwy Prairieville, LA 70769 |
| 7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria) | 17927 Old Jefferson Hwy Prairieville, LA 70769 |
| 8. Name, title, phone number, and email address of prime consultant's contract point of contact | TJ Stokes, PE Lead Professional, Utility Engineering 985.302.0728 TJ.Stokes@tbsmith.com |
| 9. Name, title, phone number, and email address of the official with signing authority for this proposal | Andrée 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.

Signature (shall be the same person as #9):



Date: November 17, 2022

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

Firm(s):
N/A

Firm(s)' %:


12. Past Performance Evaluation Discipline Table:

| Evaluation Discipline(s) | % of Overall Contract | T. Baker Smith | Each Discipline must total 100% |
|---|-----------------------|----------------|---------------------------------|
| Other (Subsurface Utility Engineering) | 100% | 100% | 100% |
| | | | |
| | | | |

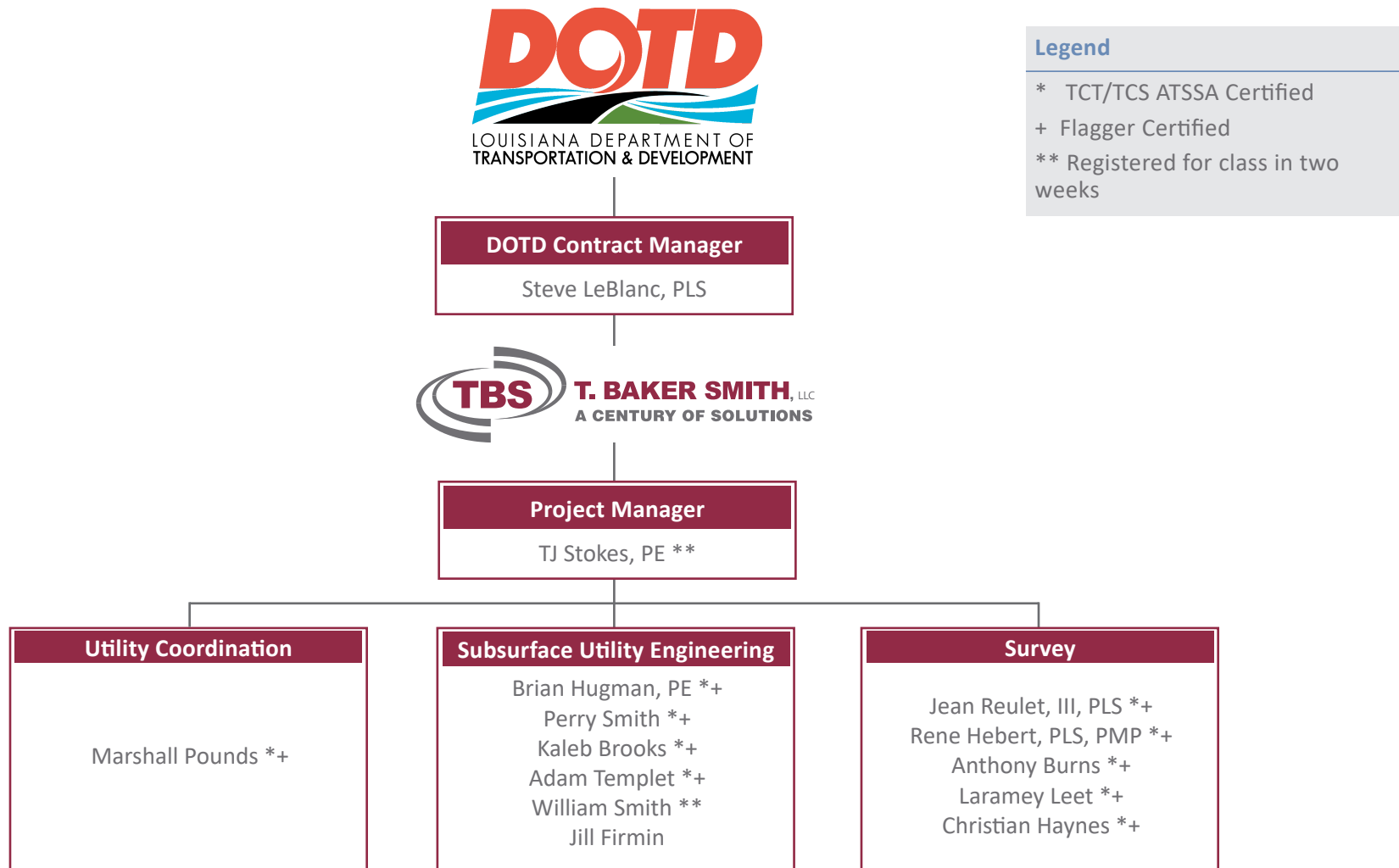
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant.

| | | | |
|----------------------------|-------------|--|--|
| Percent of Contract | 100% | | |
|----------------------------|-------------|--|--|

13. Firm Size:

| Firm name | DOTD Job Classification | Number of personnel committed to this contract | Total number of personnel available in this DOTD Job Classification (if needed) |
|---|-------------------------|--|---|
|  | Supervisor - Eng | 1 | 4 |
| | Supervisor - Other | 3 | 30 |
| | Engineer | 1 | 22 |
| | Senior Technician | 3 | 22 |
| | CADD Technician | 2 | 23 |
| | Party Chief | 3 | 32 |
| | Surveyor | 1 | 6 |
| | | | |
| | | | |




14. Organizational Chart:



Legend

- * TCT/TCS ATSSA Certified
- + Flagger Certified
- ** Registered for class in two weeks

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 / certification & number | State of license | License / certification expiration date |
|---------|--|--|--|------------------|---|
| 1 | TJ Stokes, PE |  | Registered PE-40079 | LA | 03/31/2024 |
| 2 | Jean Reulet, PLS |  | Registered PLS-5145 | LA | 03/31/2024 |
| 3 | TJ Stokes, PE |  | Registered PE-40079 | LA | 03/31/2024 |

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**



| | | | | |
|--|--|------------|---|----|
| Name | TJ Stokes, PE | | Years of relevant experience with this employer | 2 |
| Title | Lead Professional, Utility Engineering | | 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 | | | 40079 / Louisiana / 03/31/2024 | |
| Year registered | 2015 | Discipline | Industrial | |
| Contract role(s) / brief description of responsibilities | | | TJ will serve as Project Manager & Contract Administrator; he meets MPR Nos. 1 & 3. | |
| 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 time specified in the applicable MPR(s). | | | |
| TJ has over 14 years experience in successfully managing numerous SUE projects specializing in transportation and roadway projects. As the Lead Professional for Utility Engineering, he is currently overseeing the completion of DOTD and MDOT retainer contracts along with numerous other public and private client projects. He has thorough knowledge of the Subsurface Utility Engineering standards listed in CI/ASCE Standard 38-22 and is familiar with all SUE technologies and equipment, including but not limited to, ground penetrating radar (GPR), hydro/air vacuum excavation, and numerous other types of geophysical locating equipment. TJ will serve as the SUE and Utility Coordination Manager and Supervisor of any project aspects that are related to SUE services. | | | | |
| 05/21 – Ongoing | S.P. 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. | | | |
| 10/21 – 03/22 | S.P. H.014747.5, Southern University Ravine Protection, LADOTD, East Baton Rouge Parish, LA – Contract administrator/Engineer of Record. Responsible for all Subsurface Utility Engineering Quality Level B and Quality Level C services and performed QA/QC on the topographic survey submitted to LADOTD to ensure compliance with ASCE 38-02. Ensured all work was completed within the truncated time frame. | | | |
| 11/21 – 02/22 | S.P. 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. | | | |
| 01/22 – 07/22 | S.P. H.012541.5, LA 594; Overpass I-20, LADOTD, Ouachita Parish, LA – Contract administrator. Responsible for coordination with LADOTD task manager and external topographic surveyor. Performed QA/QC to ensure compliance with ASCE 38-02. | | | |
| 01/22 - Ongoing | Safety Widening of Roddy Road (US 61 to LA 935) – SUE Engineer. Provided Subsurface Utility Engineering and R/W Mapping for the for the Roddy Road Safety Widening from US 61 to LA 935 as part of the Move Ascension Program. Project included geometric improvements to be made at the LA 429 intersection including Left-turn bays on the EB, WB and SB approaches and right-turn bays at the NB and SB approaches; Geometric improvements at LA 935 to include Left-turn bays at the EB, NB and SB approaches, right-turn bays at the NB approach; replacement of the bridges over New River and Bayou Narcisse. | | | |




16. Staff Experience:

| | |
|-------------------|---|
| Previous Employer | H.004100, I-10 Widening (LA 415 to Essen Lane), LADOTD – SUE Division Manager/Project Manager. Provided Quality Level B SUE |
| Previous Employer | H.004791: LADOTD – LA 23: Belle Chasse Bridge and Tunnel – SUE Division Manager/Project Manager. Provided Quality Level A and B SUE. |
| Previous Employer | Hampton Roads Bridge and Tunnel for Virginia Department of Transportation – SUE Division Manager/Project Manager. Provided Quality Level A and B SUE. |
| Previous Employer | I-64: Segment 3 for Virginia Department of Transportation – SUE Division Manager/Project Manager. Provided Quality Level A and B SUE. |
| Previous Employer | H.002370: LADOTD – LA 42 Widening from U.S. 61 to LA 44 – Engineer Intern. Provided Quality Level A and B SUE. |
| Previous Employer | H.002622: LADOTD – LA 616 (Arkansas Rd.) Widening and Roundabouts – Engineer Intern. Provided Quality Level B SUE. |
| Previous Employer | H.010560: LADOTD – Essen Lane Widening (Perkins Road to I-10) – Engineer Intern. Provided Quality Level A and B SUE. |
| Previous Employer | City Park Ave Improvements for Jacobs Engineering – Project Manager. Provided Quality Level A and B SUE. |
| Previous Employer | Convention Center Blvd. Improvements for Royal Engineering – Project Manager. Provided Quality Level B SUE. |
| Previous Employer | H.004435: LADOTD – I-12 to Bush (LA 36 – LA 435) – Project Manager. Provided Quality Level B SUE. |
| Previous Employer | H.004113: LADOTD - I-12 to Bush (LA 435 – LA 40/41) – Project Manager. Provided Quality Level B SUE. |
| Previous Employer | H.004932.5: LADOTD - US 90 – LA 318 Interchange – Project Manager. Provided Quality Level A and B SUE. |
| Previous Employer | H.004957: LADOTD - I-12 to Bush (I-12 to LA 36) – Project Manager. Provided Quality Level B SUE. |
| Previous Employer | H.011152: LADOTD - I-12 – US 190 to LA 59 – Project Manager. Provided Quality Level A and B SUE. |

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**

| | | | | | |
|--|---|------------|--|----|---|
| Name | Jean Reulet, III, PLS | | Years of relevant experience with this employer | 1 |  |
| Title | Project Manager, 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 | | | 5145 / Louisiana / 3/31/2024 | | |
| Year registered | 2015 | Discipline | Survey | | |
| Contract role(s) / brief description of responsibilities | | | Jean Reulet fulfills MPR No. 2 and will serve as the project’s professional land surveyor. | | |
| 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 time specified in the applicable MPR(s). | | | | |
| Jean Reulet has served in various roles as a professional land surveyor since 2015. His field experience for LADOTD projects began in 2012 where he has been involved in dozens of topographic surveys of varying sizes across southern Louisiana. He has participated in all stages of a topographic survey from field data collection to final deliverables preparation according to the LADOTD’s Location and Survey Manual. Jean is experienced in the use of cutting edge technology such as terrestrial and mobile LIDAR methods for collecting topographic and structural data in an efficient and safe manner. | | | | | |
| 07/21 – Ongoing | Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 – Project Surveyor. 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 the 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/QCd, and coordinated with in house engineers designing the replacement bridges. Property surveys of affected tracts of land were also surveyed for any takings or servitudes, and these lines portrayed on Right of way maps. | | | | |
| 09/21 – 02/22 | Contract No. 4400017598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58 – Project Surveyor. 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 the 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/QCd, and coordinated with in house engineers designing the replacement bridges. Property surveys of affected tracts of land were also surveyed for any takings or servitudes, and these lines portrayed on Right of way maps. | | | | |
| 07/21 - 01/22 | S.P. No. H.013116, LA 20 Widening: LA 307 to S. Vacherie, LADOTD, St. James & Lafourche Parishes, LA – Project Surveyor. Preformed quality control for the Final R/W Maps for the asymmetrical widening of a 2.7 mile stretch of LA 20 near Vacherie, LA. | | | | |
| 12/21 – 05/22 | Harrison Ave. Improvements (US 190 to LA 59) St. Tammany Parish Government, St. Tammany Parish, LA – Survey Project Manager. Responsible for topographic surveys, crew coordination, data processing, surface generation for use in existing drainage maps, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for the improvements that includes approximately 13,200 feet of roadway widening. | | | | |
| 03/21 – 06/21 | H.010885: LA 91: Bayou Plaquemine Brule Br Replace, Estherwood, LA – Survey Dept. Assistant Manager. Performed data processing, project QAQC and management for Topographic Survey. | | | | |




16. Staff Experience:

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| 01/20 – 08/20 Previous Employer | H.010652: LA 73: US 61 (Airline) – Essen Lane, Baton Rouge, LA – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey, Mobile LiDAR Scanning project. |
| 08/19 – 11/19 Previous Employer | H.011645: LA 3002 Access Management, Denham Springs, LA – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey, Mobile LiDAR Scanning project. |
| 05/18 – 12/18 Previous Employer | H.011670: Loyola Interchange Improvements, Kenner, LA – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey. |
| 03/17 – 04/18 Previous Employer | H.004987: US 190 Collins Blvd. Widening, Covington, LA – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey. |
| 03/17 – 10/17 Previous Employer | H.010962: I-10 Cable Barrier, Acadia and Jefferson Davis Parishes, LA – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey. |
| 02/16 – 02/17 Previous Employer | H.005403: Hooper Road Extension, E. Baton Rouge and Livingston Parishes, LA – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey. |
| 06/15 – 08/15 Previous Employer | H.011720: US 90 Drainage Canal Erosion Repair, Terrebonne Parish, LA – Project Manager. Performed data processing, project QAQC and management for Topographic Survey. |
| 05/15 – 11/15 Previous Employer | H.011224: US 190 Guardrail/Rutting Rep. (Phase I), Pointe Coupee Parish, LA – Project Manager. Performed data processing, project QAQC and management for Topographic Survey. |
| 04/15 – 04/16 Previous Employer | H.011298: US 90 Captain Cade to Ambassador Caffery Frontage Road, Lafayette, LA – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey. |
| 02/15 – 04/16 Previous Employer | H.011137 and H.011152: I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59), St. Tammany Parish, LA – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey. |
| 11/14 – 01/15 Previous Employer | H.011158: LA 3139 Ramp A over LA 3152 Repair, Jefferson, LA – Project Manager. Performed data processing, project QAQC and management for Topographic Survey. |
| 09/13 – 09/14 Previous Employer | H.010443: LA 308 Curve Realign and Shoulders Topographic Survey, Assumption, LA – Project Manager. Performed data processing, project QAQC and management. |
| 09/13 – 07/14 Previous Employer | H.009300: Hooper Road Widening Topographic Survey, E. Baton Rouge Parish, LA – Project Manager. Performed data processing, project QAQC and management. |
| 10/13 – 05/14 Previous Employer | H.004932: Interchange for US 90 and LA 318 Topographic Survey, St. Mary Parish, LA – Project Manager. Performed data processing, project QAQC and management. |
| 05/13 – 03/14 Previous Employer | H.002375: Amite River Bridge near French Settlement Topographic Survey, Livingston Parish, LA – Project Manager. Performed data processing, project QAQC and management. |
| 01/13 – 08/13 Previous Employer | H.009489: Jefferson Highway Overpass Topographic Survey, Baton Rouge, LA – Survey Crew Chief. Performed data processing, project QAQC and management. |
| 10/12 – 07/13 Previous Employer | H.009956: LA 44 Turnlanes and Medians Topographic Survey, Ascension Parish, LA – Survey Crew Chief. Performed field data collection, data processing, project QAQC and management. |

16. Staff Experience:


Firm employed by: **T. Baker Smith, LLC**

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|---|---|------------|---|----|---|
| Name | Brian Hugman, PE | | Years of relevant experience with this employer | 1 |  |
| Title | Project Manager, SUE | | Years of relevant experience with other employer(s) | 10 | |
| Degree(s) / Years / Specialization | | | Bachelor of Science / 2006 / Civil Engineering | | |
| Active registration number / state / expiration date | | | 46487 / Louisiana / 09/30/2024 | | |
| Year registered | 2022 | Discipline | Civil | | |
| Contract role(s) / brief description of responsibilities | | | Brian will serve as a SUE project manager. | | |
| Experience dates (mm/yy–mm/yy) | Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s). | | | | |
| Brian has over 11 years of experience in the civil engineering industry specializing in utility engineering. His expertise includes utility conflict management, utility design, and utility construction management for various public infrastructure and private utility projects. Brian has also served as a SUE project manager on a multitude of projects including public and private clients and is very familiar with the requirements of ASCE 38-22. He has coordinated and built relationships with numerous private utility providers as well as governmental agencies such as Harris County Toll Road Authority, TxDOT, CenterPoint Energy Electric and Gas, AT&T, Harris County Flood Control District, etc. | | | | | |
| 05/21 – Ongoing | S.P. H.003931.5, Calcasieu River Bridge (HBI), LADOTD, Calcasieu Parish, LA – Utility Coordination Manager. Responsible for all utility coordination procedures including conflict matrix and conflict plan creation. Worked with utility companies to identify all conflicts and determine preliminary relocation alternatives. | | | | |
| 10/21 – 03/22 | S.P. H.014747.5, Southern University Ravine Protection, LADOTD, East Baton Rouge Parish, LA – Project Manager. Managed all Subsurface Utility Engineering Quality Level B and Quality Level C services and performed QA/QC on the topographic survey submitted to LADOTD to ensure compliance with ASCE 38-02. Ensured all work was completed within the truncated time frame. | | | | |
| 11/21 – 02/22 | S.P. H.014670.5, LA 1270: LA 77 to End of Control Section, LADOTD, Iberville Parish, LA – Project Manager. Managed 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. | | | | |
| 01/22 – 07/22 | H.012541.5, LA 594 Overpass at I-20, Statewide, LA – SUE Project Manager. Reviewing the drawings prepared of the subsurface utilities that were collected from records, surveyed features and geophysical methods. Responsible for reviewing the survey file depicting the type and horizontal location of the utilities in accordance with ASCE 38-22. | | | | |
| 04/22 – 10/22 | MOVEBR Plank Nicholson BRT, Baton Rouge, LA – SUE Project Manager. Provided SUE services for 15 designated project sites along the Plank-Nicholson Bus Rapid Transit (BRT) Route. | | | | |
| 08/19 – 06/19 Previous Employer | IH 45 Reconstruct Texas City Wye PS&E, TxDOT, Galveston County, TX – Brian reviewed the existing utilities from SUE within the project limits for the design of the proposed paving and drainage construction by TxDOT. He was responsible for the utility conflict management and coordination with the design plans. | | | | |



16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**

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|--|--|------------|---|----|---|
| Name | Marshall Pounds | | Years of relevant experience with this employer | 2 |  |
| Title | Utility Coordination Manager | | Years of relevant experience with other employer(s) | 23 | |
| Degree(s) / Years / Specialization | | | N/A | | |
| Active registration number / state / expiration date | | | N/A | | |
| Year registered | N/A | Discipline | N/A | | |
| Contract role(s) / brief description of responsibilities | | | Marshall will serve as the utility coordination manager on this contract. | | |
| 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 time specified in the applicable MPR(s). | | | | |
| Marshall is the Utility Coordination Manager for TBS and has over 25 years of experience in the utility locating and construction fields. He has a thorough knowledge of the utility relocation requirements for LADOTD and has extensive experience in reviewing relocation agreements. Marshall oversees the creation of conflict matrices and conflict plans with a focus on how the conflicts will impact both the utility companies as well as the project owner. He has a database of utility contacts gathered over a 25 year career to ensure the proper point of contact for utility relocation purposes. | | | | | |
| 10/21 - 01/22 | H.014747.5, Southern University Ravine Protection, LADOTD, East Baton Rouge, LA – SUE Project Manager. Provided project management and QA/QC services for Quality Level B and C services for a topographic survey on the campus of Southern University for an emergency ravine protection project. | | | | |
| 11/21 - 02/22 | H.014670.5, LA 1270: LA 77 to End of Control Section, LADOTD, Iberville Parish, LA – SUE Project Manager. Provided Quality Level B services for an In-house DOTD Topographic Survey in Iberville Parish. | | | | |
| 05/21 - 10/21 | H.003931.5, Calcasieu River Bridge (HBI), LADOTD, Calcasieu Parish, LA – Utility Coordination Manager. Provided Quality Level B and Quality Level A SUE services as well as Utility Coordination during Design for this project along I-10 in Lake Charles, Louisiana. | | | | |
| 03/21 - 06/22 | 100222-203000, I-55 Widening: Church to Goodman, MDOT, DeSoto County, MS – Utility Coordination Manager. Provided Quality Level B and A SUE services as well as Utility Coordination during Design. | | | | |
| 03/21 - 10/21 | Plank Road Relocation, City/Parish of East Baton Rouge, Baton Rouge, LA – Utility Coordination Manager. Provided Subsurface Utility Engineering (Level B and A) for the relocation of LA 67 (Plank Rd.) around the Runway Safety Area at the end of Runway 31 at the Greater Baton Rouge Airport. | | | | |
| 04/21 - 06/21 | MA-18-07, Roddy Road @ 621 Roundabout, Ascension Parish Government, Ascension Parish, LA – Utility Coordination Manager. Performed desktop site assessments, provided LA One Call services, and coordinated with Survey Crews prior to, and during field operations for the location of underground utilities. Also assisted in topographic survey processing and production of SUE deliverables | | | | |



16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**

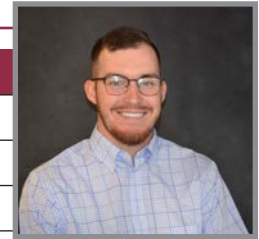
| | | | | |
|---|--|------------|---|----|
| Name | Perry Smith | | Years of relevant experience with this employer | >1 |
| Title | SUE Project Manager | | Years of relevant experience with other employer(s) | 18 |
| Degree(s) / Years / Specialization | | | Associate of Science / 2007 / Electronics | |
| Active registration number / state / expiration date | | | N/A | |
| Year registered | N/A | Discipline | N/A | |
| Contract role(s) / brief description of responsibilities | | | Perry will serve as a SUE project manager on this contract. | |
| 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 time specified in the applicable MPR(s). | | | |
| Perry is a SUE Project Manager located in the Covington, LA office. He has over 19 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 SUE 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. | | | | |
| 05/21 – Ongoing | S.P. H.003931.5, Calcasieu River Bridge (HBI), LADOTD, Calcasieu Parish, LA – Task Manager. Managed all Quality Level A SUE services and provided QA/QC for Quality Level B SUE services to ensure compliance with ASCE 38-02. Performed records research for all utility companies and verified all available records were obtained. | | | |
| 10/21 – 03/22 | S.P. H.014747.5, Southern University Ravine Protection, LADOTD, East Baton Rouge Parish, LA – Field Manager. Managed the field staff providing Subsurface Utility Engineering Quality Level B and Quality Level C services and performed QA/QC on the field data. Ensured all work was completed within the truncated time frame. | | | |
| 11/21 – 02/22 | S.P. H.014670.5, LA 1270: LA 77 to End of Control Section, LADOTD, Iberville Parish, LA – Field Manager. Managed the field staff providing Subsurface Utility Engineering Quality Level B and Quality Level C services and performed QA/QC on the field data. Ensured all work was completed within the truncated time frame. LADOTD Location and Survey field staff performed the topographic survey and we ensured a smooth working environment for data collection. | | | |
| 01/22 – 07/22 | S.P. H.012541.5, LA 594; Overpass I-20, LADOTD, Ouachita Parish, LA – Field Manager. Managed the field staff providing Subsurface Utility Engineering Quality Level B and Quality Level C services and performed QA/QC on the field data. | | | |
| 03/22 - 09/22 | MovEBR Plank – Nicholson, Subsurface Utility Engineering, City/Parish of Baton Rouge, Baton Rouge, LA – SUE Field Manager. Providing SUE services with the 15 designated project sites in general accordance with the recommended practices and procedures described in ASCE Publication CI/ASCE 38-22, Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data. | | | |



16. Staff Experience:


Firm employed by: **T. Baker Smith, LLC**

| | | | | |
|--|--|------------|---|---|
| Name | Kaleb Brooks | | Years of relevant experience with this employer | 2 |
| Title | SUE Field Manager | | Years of relevant experience with other employer(s) | 6 |
| Degree(s) / Years / Specialization | | | N/A | |
| Active registration number / state / expiration date | | | N/A | |
| Year registered | N/A | Discipline | N/A | |
| Contract role(s) / brief description of responsibilities | | | Kaleb will serve as a SUE field manager on this contract. | |
| 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 time specified in the applicable MPR(s). | | | |
| 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. | | | | |
| 05/21 – Ongoing | S.P. H.003931.5, Calcasieu River Bridge (HBI), LADOTD, Calcasieu Parish, LA – Field Manager. Managed the field staff providing Subsurface Utility Engineering Quality Level B and Quality Level A services and performed QA/QC on the field data. | | | |
| 10/21 – 03/22 | S.P. H.014747.5, Southern University Ravine Protection, LADOTD, East Baton Rouge Parish, LA – Senior SUE Tech. Performed Subsurface Utility Engineering Quality Level B and Quality Level C field investigations. Utilized correct geophysical equipment to mark underground utilities. Ensured all work was completed within the truncated time frame. | | | |
| 01/22 – 07/22 | S.P. H.012541.5, LA 594; Overpass I-20, LADOTD, Ouachita Parish, LA – Senior SUE Tech. Performed Subsurface Utility Engineering Quality Level B and Quality Level C field investigations. Utilized correct geophysical equipment to mark underground utilities. | | | |
| 06/21 | MA-17-02, Roddy Road Widening (LA 935 to LA 621), Ascension Parish Government, Ascension Parish, LA – Sr. Sue Technician/SUE Party Chief. Provided LA One Call scheduling and coordination for the for the Roddy Road Safety Widening from US 621 to LA 935 as part of the Move Ascension Program. Project included geometric improvements to be made at the LA 429 intersection including Left-turn bays on the EB, WB and SB approaches and right-turn bays at the NB and SB approaches; Geometric improvements at LA 935 to include Left-turn bays at the EB, NB and SB approaches, right-turn bays at the NB approach; replacement of the bridges over New River and Bayou Narcisse. | | | |
| 04/22 – 09/22 | MovEBR Plank – Nicholson, Subsurface Utility Engineering, City/Parish of East Baton Rouge, Baton Rouge, LA – Sr. Sue Technician/SUE Party Chief. TBS is providing services with the 15 designated project sites. The limits of each site is the area encompassing the intersection plus an additional 50 feet in all roadway directions. Kaleb is providing professional SUE services for this project in general accordance with the recommended practices and procedures described in ASCE Publication CI/ASCE 38-02, Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data. | | | |
| 05/21 - 07/21 | 100222-203000, I-55 Widening Church to Goodman, MDOT, Statewide Mississippi – Sr. Sue Technician/SUE Party Chief. TBS was requested to perform SUE services and Utility Conflict Management. Kaleb provided Quality Levels D-A surveys which will help to determine the actual location of existing utilities. This information will then be used to determine possible utility conflicts with the roadway design. | | | |
| 03/22 - 07/22 | MSY Bus Route SUE, Civil Design and Construction, New Orleans, LA – Sr. Sue Technician/SUE Field Manager. Provided field survey services for Quality Level B services for a topographic survey at the MSY Airport in New Orleans, LA. | | | |



16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**


| | | | | | |
|--|--|------------|---|----|---|
| Name | Adam Templet | | Years of relevant experience with this employer | >1 |  |
| Title | Senior SUE Technician | | Years of relevant experience with other employer(s) | 15 | |
| Degree(s) / Years / Specialization | | | N/A | | |
| Active registration number / state / expiration date | | | N/A | | |
| Year registered | N/A | Discipline | N/A | | |
| Contract role(s) / brief description of responsibilities | | | Adam will serve as a SUE project technician. | | |
| 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 time specified in the applicable MPR(s). | | | | |
| Adam is a Sr. SUE Field Technician in the Prairieville, LA office. He is experienced in Subsurface Utility Engineering Designating and Utility Locating. He designates and locates subsurface utilities according to ASCE 38-22 Quality Levels A and B and acquires utility records for ASCE 38-22 Quality Level D investigations as well as collects necessary data for the use in a professional’s judgement for ASCE 38-22 Quality Level C investigations. He performs Quality Assurance checks on all field work performed to ensure the utility locations depicted are in accordance with ASCE 38-22. | | | | | |
| 05/21 – Ongoing | S.P. H.003931.5, Calcasieu River Bridge (HBI), LADOTD, Calcasieu Parish, LA – Senior SUE Tech. Performed Subsurface Utility Engineering Quality Level B and Quality Level A field investigations. Utilized correct geophysical equipment to mark underground utilities and ensured proper traffic control and safety procedures were used while performing Quality Level A test holes. | | | | |
| 01/22 – 07/22 | S.P. H.012541.5, LA 594; Overpass I-20, LADOTD, Ouachita Parish, LA – Senior SUE Tech. Performed Subsurface Utility Engineering Quality Level B field investigations and utilized correct geophysical equipment to mark underground utilities. | | | | |
| 07/22 - Ongoing | MA-22-01, Move Ascension LA 73 - Bluff Road Connector Roundabout, Ascension Parish Government, Ascension Parish, LA – Sr. SUE Technician. Provided Subsurface Utility Engineering for the LA 73 - Bluff Road Connector 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. | | | | |
| 08/22 - Ongoing | Move Ascension, LA 44 & Parker Roundabout, Subsurface Utility Engineering, Ascension Parish Government, Ascension Parish, LA – Sr. SUE Technician. 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. | | | | |
| 09/21 - 11/21 | MA-20-01, Move Ascension Bluff Road, LA 73 Connector, Ascension Parish Government, Ascension Parish, LA – Sr. SUE Technician. Provided Subsurface Utility Engineering for the Bluff Road - LA 73 Connector 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. | | | | |
| 09/21 - Ongoing | 100222-203000, I-55 Widening Church to Goodman, MDOT, Goodman, MS. - Sue Engineer. ue to the limited right of way available and the numerous amounts of utilities present, TBS was requested to perform SUE services and Utility Conflict Management. The SUE services requested are from Quality Levels D-A which will help to determine the actual location of existing utilities. This information will then be used to determine possible utility conflicts with the roadway design. | | | | |



16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**

| | | | | |
|--|--|------------|---|---|
| Name | William Smith | | Years of relevant experience with this employer | 2 |
| Title | Senior SUE Technician | | Years of relevant experience with other employer(s) | 7 |
| Degree(s) / Years / Specialization | | | N/A | |
| Active registration number / state / expiration date | | | N/A | |
| Year registered | N/A | Discipline | N/A | |
| Contract role(s) / brief description of responsibilities | | | William will serve as senior SUE technician on this contract. | |
| 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 time specified in the applicable MPR(s). | | | |
| William is an experienced SUE Field Technician highly skilled at a variety of surface geophysical techniques and instrumentation as well as non-destructive excavation. He delivers reliable designation data utilizing using various techniques including ground penetrating radar (GPR), pipe and cable locators (PCL) with multiple frequencies, resistivity measurements, and magnetic methods. In addition, he is thoroughly experienced with TBS’ Non-Destructive Vacuum excavation equipment. He has designated and located utilities for numerous clients on a variety of projects, including roadway, hospitals, and private property. His expertise is evident as test hole excavation results often align with his utility designation. As part of TBS’ SUE standard of practice to assure quality of work, he prepares field notes, field sketches of designated utilities, and shot count reports for each project. He also coordinates with in-house surveyors to ensure designation markings are quickly tied down and is familiar with the CI/ASCE 38-22 guidelines as it relates to field work. | | | | |
| 05/21 – Ongoing | S.P. H.003931.5, Calcasieu River Bridge (HBI), LADOTD, Calcasieu Parish, LA – Senior SUE Tech. Performed Subsurface Utility Engineering Quality Level B and Quality Level A field investigations. Utilized correct geophysical equipment to mark underground utilities and ensured proper traffic control and safety procedures were used while performing Quality Level A test holes. | | | |
| 10/21 – 03/22 | S.P. H.014747.5, Southern University Ravine Protection, LADOTD, East Baton Rouge Parish, LA – Senior SUE Tech. Performed Subsurface Utility Engineering Quality Level B and Quality Level C field investigations. Utilized correct geophysical equipment to mark underground utilities. Ensured all work was completed within the truncated time frame. | | | |
| 11/21 – 02/22 | S.P. H.014670.5, LA 1270: LA 77 to End of Control Section, LADOTD, Iberville Parish, LA – Senior SUE Tech. Performed Subsurface Utility Engineering Quality Level B and Quality Level C field investigations. Utilized correct geophysical equipment to mark underground utilities. Ensured all work was completed within the truncated time frame. LADOTD Location and Survey field staff performed the topographic survey and we ensured a smooth working environment for data collection. | | | |
| 01/22 - 04/22 | Move Ascension Parker Road and LA 929 Widening, Ascension Parish Government, Ascension Parish, LA – Sr. SUE Technician. 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. | | | |
| 08/22 - 09/22 | MA-22-01, Move Ascension LA 73 - Bluff Road Connector Roundabout, Ascension Parish Government, Ascension Parish, LA – Sr. SUE Technician. Provided Subsurface Utility Engineering for the LA 73 - Bluff Road Connector 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. | | | |






16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**

| | | | | |
|--|---|------------|---|----|
| Name | Jill Firmin | | Years of relevant experience with this employer | 1 |
| Title | Project Designer | | Years of relevant experience with other employer(s) | 22 |
| Degree(s) / Years / Specialization | | | N/A | |
| Active registration number / state / expiration date | | | N/A | |
| Year registered | N/A | Discipline | N/A | |
| Contract role(s) / brief description of responsibilities | | | Jill will serve as project designer on this contract. | |
| 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 time specified in the applicable MPR(s). | | | |
| Jill is the Subsurface Utility Engineering project designer/CAD technician with over 23 years of CAD experience. Jill is versatile in not only AutoCAD, ArcGIS, and Civil 3D, but also has a thorough knowledge of MicroStation Inroads. Jill manages our proprietary field sketch software as well as creating our SUE and UC deliverables for QL-B drawings, QL-A test hole forms, and Utility Conflict plans. She has a full understanding of DOTD CAD standards and codes to ensure all MicroStation deliverables are to LADOTD standards while being able to produce APWA SUE hard copy deliverables. | | | | |
| 05/21 – Ongoing | S.P. H.003931.5, Calcasieu River Bridge (HBI), LADOTD, Calcasieu Parish, LA – Project Designer/CAD Technician. Prepared all Subsurface Utility Engineering and Utility Coordination Deliverables. Utilized the standard LADOTD CAD requirements to ensure correct MicroStation and hard copy deliverables were submitted. | | | |
| 10/21 – 03/22 | S.P. H.014747.5, Southern University Ravine Protection, LADOTD, East Baton Rouge Parish, LA – Project Designer/CAD Technician. Prepared all Subsurface Utility Engineering Deliverables. Utilized the standard LADOTD CAD requirements to ensure correct MicroStation and hard copy deliverables were submitted. Properly differentiated between the Quality Level B and Quality Level C sections per the contract. | | | |
| 11/21 – 02/22 | S.P. H.014670.5, LA 1270: LA 77 to End of Control Section, LADOTD, Iberville Parish, LA – Project Designer/CAD Technician. Prepared all Subsurface Utility Engineering Deliverables. Utilized the standard LADOTD CAD requirements to ensure correct MicroStation and hard copy deliverables were submitted. Worked with LADOTD representatives to ensure the DGN files were to ASCE 38-02 standards. | | | |
| 01/22 – 07/22 | S.P. H.012541.5, LA 594; Overpass I-20, LADOTD, Ouachita Parish, LA – Project Designer/CAD Technician. Prepared all Subsurface Utility Engineering Deliverables. Utilized the standard LADOTD CAD requirements to ensure correct MicroStation and hard copy deliverables were submitted. Worked with external surveyors to ensure the DGN files were to ASCE 38-02 standards. | | | |
| 08/22 - 11/22 | MA-20-01, Move Ascension Bluff Road, LA 73 Connector, Ascension Parish Government, Ascension Parish, LA – CAD Designer. Provided Subsurface Utility Engineering for the Bluff Road - LA 73 Connector 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. | | | |
| 01/22 - 06/22 | Move Ascension Parker Road and LA 929 Widening, Ascension Parish Government, Ascension Parish, LA – CAD Designer. 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, LLC**

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|---|--|------------|--------|---|----|
| Name | Rene Hebert, PLS, PMP | | | Years of relevant experience with this employer | 15 |
| 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 | | | | 5070 / Louisiana / 3/31/2024 | |
| Year registered | 2011 | Discipline | Survey | | |
| Contract role(s) / brief description of responsibilities | | | | Rene Hebert will serve as a project surveyor. | |
| 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 time specified in the applicable MPR(s). | | | | |
| Rene has served as Principal in Charge of numerous LADOTD survey projects where he has been responsible for overseeing and executing the technical aspect of surveying projects including producing and revising drawings, sketches, plans, etc. for contract documents and QC/QA of surveying services. He coordinates work among project technicians, field crew coordinator, field survey personnel, and other required professionals working on the project. Rene has gained valuable experience surveying the environment of south Louisiana including topographic, boundary and GPR surveys and underwater acoustic hydrographic surveys including multi-beam, single beam, side scan sonar, acoustical soundings, magnetometry and other bathymetric surveys for industrial, government and private clients. | | | | | |
| 05/14 - 06/19 | SP 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. | | | | |
| 07/14 - 06/16 | Survey Retainer Contract No. 4400003473, LADOTD, Statewide Louisiana – Principal Surveyor. Oversaw surveying services including Topographic Survey, Title Research Reports, Property Survey, Title Updates, Right-of-Way (R/W) Maps for various project locations. | | | | |
| 10/17 – 12/18 | MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish Government, Ascension Parish, LA – Survey Lead Professional. Responsible for overseeing topographic surveys, crew coordination, oversight of data processing, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for multiple projects as part of the Move Ascension Project. | | | | |
| 02/18 – 12/18 | ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish Government, Ascension Parish, LA – Survey Lead Professional. Responsible for overseeing topographic surveys, crew coordination, oversight of data processing, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for 30% design and right of way mapping for the extension of LA Hwy 3127 from LA 70 to LA 1 in Ascension Parish, LA. The project is proposed by Ascension Parish as the first phase of a 4-lane divided highway to the south of the City of Donaldsonville, LA. | | | | |
| 01/22 – 01/22 | Harrison Ave. Improvements (US 190 to LA 59) St. Tammany Parish Government, St. Tammany Parish, LA – Survey Lead Professional. Responsible for overseeing topographic surveys, crew coordination, oversight of data processing, surface generation for use in existing drainage maps, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for the improvements along Harrison Ave. that includes approximately 13,200 feet of roadway widening along existing alignment including the installation of single lane roundabouts at Marigold Drive and Falconer Drive. | | | | |



16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**

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|--|---|------------|---|----|---|
| Name | Anthony Burns | | Years of relevant experience with this employer | <1 |  |
| Title | Project Manager, Survey | | Years of relevant experience with other employer(s) | 19 | |
| Degree(s) / Years / Specialization | | | N/A | | |
| Active registration number / state / expiration date | | | N/A | | |
| Year registered | N/A | Discipline | N/A | | |
| Contract role(s) / brief description of responsibilities | | | Anthony Burns will serve as a survey project manager for this contract. | | |
| 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 time specified in the applicable MPR(s). | | | | |
| Anthony has 19 years of experience as a rodman, party chief, and project manager with numerous LADOTD 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 LADOTD Location and Survey Procedures, manuals, and software programs with respect to all requirements. He manages survey field crews and equipment. He has ATSSA Traffic Control Technician, Traffic Control Supervisor, and Flagger certifications and is TWIC and OSHA certified. | | | | | |
| 09/13 – 07/14 Previous Employer | H.009300, Hooper Road Widening, LADOTD, East Baton Rouge Parish, LA - Party Chief. Responsible for topographic survey in preparation for widening Hooper Rd. (LA 408) in East Baton Rouge Parish from Sullivan Road (LA 3034) to Greenwell Springs Road (LA 37) for a distance of about 2.95 miles. | | | | |
| 09/13 – 09/14 Previous Employer | H.010443, LA 308 Curve Realign and Shoulders, LADOTD, Assumption Parish, LA - Party Chief. Responsible for topographic survey and Quality Level C SUE in Assumption Parish along LA Hwy 308 in preparation for a curve re-alignment and shoulder improvements. | | | | |
| 10/13 – 05/14 Previous Employer | H.004932, Interchange for US 90 and LA 318, LADOTD, St. Mary Parish, LA - Party Chief. Responsible for topographic survey along LA 318 and US 90. | | | | |
| 02/15 – 04/16 Previous Employer | H.011137 and H.011152, I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59), LADOTD, St. Tammany Parish, LA - Project Manager/Field Crew Manager. Responsible for topographic survey on this project. | | | | |
| 04/15 – 04/16 Previous Employer | H.011298.5, US 90 Captain Cade to Ambassador Caffery Frontage Road, LADOTD, Lafayette, St. Martin, and Iberia Parishes, LA - Project Manager/Field Crew Manager. Responsible for topographic survey alongside a proposed route along the East and West side of US 90. | | | | |
| 05/15 – 11/15 Previous Employer | H.011224, US 190 Guardrail/Rutting Rep. (Phase I), LADOTD, Pointe Coupee Parish, LA - Project Manager/Field Crew Manager. Responsible for topographic survey along five portions of US 190. The project was located in Pointe Coupee Parish from LA 1 westward approximately 18.5 miles to the east side of the Atchafalaya Bridge. | | | | |
| 03/21 Previous Employer | MOVEBR City Parish No. 20-CP-HC-0046, Jefferson Highway at Bluebonnet Intersection Improvement, City/Parish of Baton Rouge, Baton Rouge, LA - Project Manager/Field Crew Manager. Responsible for topographic survey, property survey, SUE, and Right- of-Way maps of the Jefferson Hwy and Bluebonnet intersection. | | | | |
| 04/21 – 06/21 Previous Employer | H.014322, Centurion over Drainage Bayou, LADOTD, East Baton Rouge Parish, LA - Project Manager/Field Crew Manager. Responsible for topographic survey in East Baton Rouge Parish – Centurion over Drainage Bayou. | | | | |
| 04/21 – 07/21 Previous Employer | H.009300.5, Hooper Road Widening (LA 3034 – LA 37), LADOTD, East Baton Rouge Parish, LA - Project Manager/Field Crew Manager. Responsible for a topographic survey and subsurface utility engineering for a one mile stretch of LA Hwy 408 in East Baton Rouge Parish, LA. | | | | |




| | |
|--|---|
| 02/22 – 06/22 Previous Employer | H.014752.5, LA 3021: Dual Turn Lanes @ LA 38, LADOTD, Orleans Parish, LA - Project Manager. Responsible for topographic survey in Orleans Parish, Louisiana. The survey was located at the intersection of LA 39 (N. Claiborne Ave.) and LA 46 (Elysian Fields Ave.), and included all utilities with depths, drainage, and finish floor elevations of all buildings within the survey limits. The project had a total linear distance of approximately 3,600 feet. |
| 04/19 – 08/19 Previous Employer | H.012735.5, LA 182 Barrow Street Bridge, LADOTD, Terrebonne Parish, LA - Project Manager/Field Crew Manager. Responsible for topographic survey and subsurface utility engineering Quality Level B for design. The purpose of this project was to replace a bridge structure located at the intersection of Park Avenue and Barrow street in downtown Houma. |
| 04/19 – 08/19 Previous Employer | H.05121.5, LA 1/LA 415 Connector, LADOTD, West Baton Rouge Parish, LA - Project Manager/Field Crew Manager. Responsible for topographic survey and drainage map in West Baton Rouge Parish for the design of a future connector roadway from LA 415 to LA 1. The project ran along a corridor beginning north of the intersection of I-10 and LA 415 and continuing in a southeasterly direction to the intersection of Beaulieu Lane and LA 1. This project tied into existing topographic surveys for S.P. No H.004100 on the northern end and H.001234 on the southern end. |
| 04/20 – 06/20 Previous Employer | H.000284.5, US 90: Pearl River Bridges (HBI), LADOTD, St. Tammany Parish, LA - Project Manager/Field Crew Manager. Responsible for topographic survey and mobile LiDAR scanning along US 90 and west of Pearl River in St. Tammany Parish. The project began 3,000 feet west of the intersection of US 90 and US 190. The total distance of the survey once complete was 4,000 miles. |
| 04/20 – 11/20 Previous Employer | H.000688.5, US 11 Norfolk Southern RR Overpass (HBI), LADOTD, St. Tammany Parish, LA - Project Manager/Field Crew Manager. Responsible for topographic survey and mobile LiDAR scanning in St. Tammany Parish along US 11 between I-12 and US 190. |

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**


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|--|--|------------|-----|---|----|
| Name | Laramey Leet | | | Years of relevant experience with this employer | 6 |
| Title | Survey Party Chief | | | Years of relevant experience with other employer(s) | 10 |
| Degree(s) / Years / Specialization | | | | N/A | |
| Active registration number / state / expiration date | | | | N/A | |
| Year registered | N/A | Discipline | N/A | | |
| Contract role(s) / brief description of responsibilities | | | | Laramey Leet will serve as a survey crew party chief. | |
| 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 time specified in the applicable MPR(s). | | | | |
| Laramey Leet has extensive experience with LADOTD projects and is very familiar with LADOTD Location and Survey procedures for control, location, traverse and cross sections. He is very experienced with LADOTD coding procedures and the development of survey surfaces for design. Laramey’s 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. Laramey 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. | | | | | |
| 10/16 – 10/16 | S.P. No. H.011152, I-12 Widening (US 190 to LA 59), LADOTD, St. Tammany Parish, LA – Party Chief. Topographic survey of boring locations. Performed staking and topographic surveys of boring locations for roadway and bridge borings along I-12 for a 4-mile F-3 Interstate widening project. | | | | |
| 01/18 – 02/18 | SP H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), LADOTD, St. Tammany Parish, LA – Survey Crew Party Chief. Performed property surveys along 101 parcels through virgin terrain for the 5.5-mile roadway project. | | | | |
| 08/20 – 06/21 | Contract No. 4400017598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58 – Survey Crew Party Chief, Performed topographic surveys, SUE designation surveys, and GPS Control of 47 bridge replacement projects for LADOTD. Survey included approximately 2000’ of roadway cross sections, 500’ of stream cross sections, and a detailed bridge survey and sketch. | | | | |
| 06/21 – 03/22 | Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 – Survey Crew Party Chief, Performed topographic surveys, SUE designation surveys, and GPS Control of 40 bridge replacement projects for LADOTD. Survey included approximately 2000’ of roadway cross sections, 500’ of stream cross sections, and a detailed bridge survey and sketch. | | | | |
| 10/17 – 09/18 | MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish Government, Ascension Parish, LA – SUE Party Chief. Performed field location of all SUE Level B designations and Level A locations for the 1.5-mile widening project, including over 71,000 linear feet of utilities. | | | | |
| 02/18 – 12/18 | ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish Government, Ascension Parish, LA – Survey Crew 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. | | | | |
| 01/19 – 08/19 | Harrison Avenue Improvements (US 190 - LA 59), St. Tammany Parish Government, St. Tammany Parish, LA – Survey Crew Party Chief. Performed topographic surveys, survey controls network, and SUE surveys for the Harrison Avenue Improvements project from US 190 to LA 59 in St. Tammany Parish. | | | | |





16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**

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|---|--|------------|---|---|---|
| Name | Christian Haynes | | Years of relevant experience with this employer | 6 |  |
| Title | Survey Party Chief | | Years of relevant experience with other employer(s) | 9 | |
| Degree(s) / Years / Specialization | | | N/A | | |
| Active registration number / state / expiration date | | | N/A | | |
| Year registered | N/A | Discipline | N/A | | |
| Contract role(s) / brief description of responsibilities | | | Christian Haynes will serve as a survey crew party chief. | | |
| 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 time specified in the applicable MPR(s). | | | | |
| Christian Haynes has extensive experience with LADOTD projects and is very familiar with LADOTD Location and Survey procedures Certifications for control, location, traverse and cross sections. He is very experienced with LADOTD coding procedures and the development of survey surfaces for design. Christian’s project experience includes boundary, topographic, cross sections and construction staking ATSSA TCT, TCS, Flagger for roadways, bridges, subdivisions and municipal projects. He is familiar with roadway alignment properties used in developing topographic surveys for LADOTD. Christian is experienced with static, rapid static, kinematic, pseudo kinematic, and real-time kinematic GPS surveying as well as surveys utilizing conventional total stations and robotic total stations. Christian has performed surveys requiring accuracies of First Order horizontal control and First Order Class I for vertical control. | | | | | |
| 10/16 – 10/16 | S.P. No. H.011152, I-12 Widening (US 190 to LA 59), LADOTD, St. Tammany Parish, LA – Party Chief. Topographic survey of boring locations. Performed staking and topographic surveys of boring locations for roadway and bridge borings along I-12 for a 4-mile F-3 Interstate widening project. | | | | |
| 02/18 – 12/18 | ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish Government, Ascension Parish, LA – Survey Crew 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. | | | | |
| 01/19 – 08/19 | Harrison Avenue Improvements (US 190 - LA 59), St. Tammany Parish Government, St. Tammany Parish, LA – Performed topographic surveys, survey controls network, and SUE surveys for the Harrison Avenue Improvements project from US 190 to LA 59 in St. Tammany Parish. | | | | |
| 01/18 – 01/18 | SP H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), LADOTD, St. Tammany Parish, LA – Survey Crew Party Chief. Performed property surveys along 101 parcels through virgin terrain for the 5.5 mile roadway project. | | | | |
| 07/17 – 12/18 | S.P. No. H.013116, LA 20 Widening: LA 307 to S. Vacherie, LADOTD, St. James & Lafourche Parishes, LA – Survey Crew Party Chief. Location and designation of subsurface utilities including pipelines, fiber optics, water and gas lines, survey of utility locations, preparation of utility location deliverables in accordance with ASCE 38-22 guidelines. | | | | |
| 08/20 – 06/21 | Contract No. 4400017598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58 – Survey Crew Party Chief, Performed topographic surveys, SUE designation surveys, and GPS Control of 47 bridge replacement projects for LADOTD. Survey included approximately 2000’ of roadway cross sections, 500’ of stream cross sections, and a detailed bridge survey and sketch. | | | | |
| 06/21 – 03/22 | Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 – Survey Crew Party Chief, Performed topographic surveys, SUE designation surveys, and GPS Control of 40 bridge replacement projects for LADOTD. Survey included approximately 2000’ of roadway cross sections, 500’ of stream cross sections, and a detailed bridge survey and sketch. | | | | |



17. Firm Experience:

| Firm name | T. Baker Smith, LLC | | | Past Performance Evaluation Discipline(s)* | | Other (Subsurface Utility Engineering) |
|---|--|--|---|--|--|--|
| Project name | LA 1270: LA 77 to End of Control Section | | | Firm responsibility (prime or sub?) | | Prime |
| Project number | H.014670.5 | Owner's name | LADOTD | | | |
| Project location | Iberville Parish, LA | | Owner's Project Manager | Barrett Smith, PLS | | |
| Owner's address, phone, email | | 1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1956; Barrett.Smith@la.gov | | | | |
| Services commenced by this firm (mm/yy) | | 11/21 | Total consultant contract cost (\$1,000's) | | | \$19 |
| Services completed by this firm (mm/yy) | | 02/22 | Cost of consultant services provided by this firm (\$1,000's) | | | \$19 |

Team Members Highlighted in this Proposal: TJ Stokes, PE; Marshall Pounds; Perry Smith; William Smith; Jill Firmin

T. Baker Smith provided Quality Level B services for an in-house DOTD topographic survey in Iberville Parish.

This was a fairly smooth project, but it did have some congestion near the main intersection which proved difficult. There was an unidentified line discovered and an abandoned pipeline where current ownership could not be determined.

TBS made sure to use the DOTD coding system and worked with the DOTD survey field staff to ensure that all utility markings were picked up and included in the topographic survey. QA/QC was performed on the final DGN to ensure compliance with ASCE 30-02.

| Tasks Relating to RFQ | |
|--------------------------------|---|
| Subsurface Utility Engineering | ✓ |

17. Firm Experience:

| | | | | | |
|---|--|---|-------------------------|--|--|
| Firm name | T. Baker Smith, LLC | | | Past Performance Evaluation Discipline(s)* | Other (Subsurface Utility Engineering) |
| Project name | Southern University Ravine Protection | | | Firm responsibility (prime or sub?) | Prime |
| Project number | H.014747.5 | Owner's name | LADOTD | | |
| Project location | East Baton Rouge, LA | | Owner's Project Manager | Barrett Smith, PLS | |
| Owner's address, phone, email | 1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1956; Barrett.Smith@la.gov | | | | |
| Services commenced by this firm (mm/yy) | 10/21 | Total consultant contract cost (\$1,000's) | | | \$73 |
| Services completed by this firm (mm/yy) | 03/22 | Cost of consultant services provided by this firm (\$1,000's) | | | \$73 |

Team Members Highlighted in this Proposal: TJ Stokes, PE; Marshall Pounds; Perry Smith; William Smith; Adam Templet; Jill Firmin

T. Baker Smith (TBS) provided Quality Level B and C services for a topographic survey on the campus of Southern University for an emergency ravine protection project.

University campuses are a notoriously difficult environment to locate underground utilities and Southern's campus proved this theory correct. There were no record drawings available of the Southern university private facilities, which all of the utilities present belonged to the university. TBS had to heavily rely on sweeps and diligently search for above ground features to connect to.

Part of the scope was to provide Quality Level C services within certain limits. As discussed before, there were no records available, which limited the ability to provide QL-C services for certain areas.

TBS worked with the external surveyor to ensure as much utility information could be provided in the Quality Level C limits.

| Tasks Relating to RFQ | |
|--------------------------------|---|
| Subsurface Utility Engineering | ✓ |

17. Firm Experience:

| Firm name | T. Baker Smith, LLC | | | Past Performance Evaluation Discipline(s)* | Other (Subsurface Utility Engineering) |
|---|---|---|-------------------------|--|--|
| Project name | Calcasieu River Bridge (HBI) | | | Firm responsibility (prime or sub?) | Prime |
| Project number | H.003931.5 | Owner's name | LADOTD | | |
| Project location | Calcasieu Parish, LA | | Owner's Project Manager | Steve LeBlanc, PLS | |
| Owner's address, phone, email | 1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1956; Steve.LeBlanc2@la.gov | | | | |
| Services commenced by this firm (mm/yy) | 05/21 | Total consultant contract cost (\$1,000's) | | | \$1,959 |
| Services completed by this firm (mm/yy) | ongoing | Cost of consultant services provided by this firm (\$1,000's) | | | \$1,959 |

Team Members Highlighted in this Proposal: TJ Stokes, PE; Marshall Pounds; Perry Smith; William Smith; Adam Temple; Jill Firmin

T. Baker Smith (TBS) provided Quality Level B and Quality Level A SUE services as well as Utility Coordination during Design for this project along I-10 in Lake Charles, Louisiana. The purpose of the project is to replace the existing I-10 bridge crossing Lake Charles.

This is one of the largest SUE projects in the history of LADOTD.

There are numerous pipelines throughout the corridor due to the abundance of chemical plants in the area. Determining the location of these pipelines was crucial to the design of the project.

TBS had to coordinate continuously with the pipeline owners to perform test holes on these facilities, which slowed down the production rate of the field staff.

The City of Westlake facilities such as water, sewer, and gas proved to be difficult to locate and the records were outdated and unclear. A combination of designating, test holes, and ingenuity was used to properly map out these utilities.

Utility coordination was used to inform the utility companies of the impact the project would have on their facilities. The difficult part of the process was the fact that there wasn't a finished design to determine conflicts. A new process and precedent needed to be set to accomplish the goals posed by LADOTD.

| Tasks Relating to RFQ | |
|--------------------------------|---|
| Subsurface Utility Engineering | ✓ |
| Utility Coordination | ✓ |

17. Firm Experience:

| | | | | |
|---|--|---|--|--|
| Firm name | T. Baker Smith, LLC | | Past Performance Evaluation Discipline(s)* | Other (Subsurface Utility Engineering) |
| Project name | LA 594; Overpass I-20 | | Firm responsibility (prime or sub?) | Prime |
| Project number | H.012541.5 | Owner's name | LADOTD | |
| Project location | Ouachita Parish, LA | | Owner's Project Manager | Barrett Smith, PLS |
| Owner's address, phone, email | 1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1956; Barrett.Smith@la.gov | | | |
| Services commenced by this firm (mm/yy) | 01/22 | Total consultant contract cost (\$1,000's) | | \$115,376 |
| Services completed by this firm (mm/yy) | 07/22 | Cost of consultant services provided by this firm (\$1,000's) | | \$115,376 |

Team Members Highlighted in this Proposal: TJ Stokes, PE; Brian Hugman, PE; Perry Smith; Adam Templet; Jill Firmin; Kaleb Brooks

T. Baker Smith (TBS) provided Quality Level B services in Ouachita Parish, LA near the intersection of I-20 and Texas Ave (LA 594).

While most utilities proved locatable, the existing water lines were difficult to designate. TBS had to use a combination of probing and records review to determine the location of the water mains within the project limits.

TBS worked with an external surveyor to provide the proper SUE data. QA/QC was performed on the final topographic survey DGN to ensure compliance with ASCE 38-02.

| Tasks Relating to RFQ | |
|--------------------------------|---|
| Subsurface Utility Engineering | ✓ |

17. Firm Experience:

| Firm name | T. Baker Smith, LLC | | Past Performance Evaluation Discipline(s)* | Other (Subsurface Utility Engineering) |
|---|--|---|--|--|
| Project name | Roddy Road Safety Widening (LA 935 to LA 621) | | Firm responsibility (prime or sub?) | Prime |
| Project number | N/A | Owner's name | Ascension Parish Government | |
| Project location | Ascension Parish, LA | | Owner's Project Manager | Mike Enlow |
| Owner's address, phone, email | 42077 Church Point Road, Gonzales, LA 70737; 225.450.1326; menlow@apgov.us | | | |
| Services commenced by this firm (mm/yy) | 9/17 | Total consultant contract cost (\$1,000's) | \$680 | |
| Services completed by this firm (mm/yy) | ongoing | Cost of consultant services provided by this firm (\$1,000's) | \$680 | |

Team Members Highlighted in this Proposal: TJ Stokes, PE; Jill Firmin; Kaleb Brooks; Perry Smith; Adam Templet; William Smith; Jean Reulet, III, PLS; Rene Hebert, PLS, PMP; Laramie Leet; Christian Haynes

As part of Ascension Parish's Move Ascension Transportation Program, T. Baker Smith, LLC was selected as the prime consultant for the Roddy Road Safety Widening project from LA 935 to LA 621. The project includes 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. The project also includes the installation of left turn lanes on three approaches at LA 934 and left turn lanes along all approaches at LA 621 including a dedicated right turn lane on the southbound approach. The existing Roddy Road Bridge over Black Bayou will be replaced with a six-span concrete bridge having a 32' clear width to match the new roadway section. All portions of Roddy Road will be reconstructed due to poor pavement and base.

TBS is the prime consultant on this project and is responsible for all roadway design aspects including widening & reconstruction, drainage design, H&V geometric layout, pavement design and turn lane design/geometry. TBS is also responsible for all bridge design including superstructure, substructure and special bridge element design for the accommodation of utilities. TBS' scope of work also includes setting survey horizontal and vertical control network, performing all topographic surveys, Subsurface Utility Engineering (Quality Levels D-A), property surveys, Right of Way Mapping, utility relocation coordination, traffic management plans and bidding assistance. TBS is also supporting environmental permitting activities being performed by the Parish.

The Subsurface Utility Engineering (SUE) services were performed in strict accordance with CI/ASCE 38-02 guidelines for all utilities within 75' of either side of the roadway. Quality Level D-B services were provided for all utilities within the 150' wide area of interest and Level A services were provided for any utility with a diameter greater than 4" which crossed the roadway. Overall, TBS designated over 71,000 linear feet (13+ miles) of subsurface utilities and performed Level A minimally invasive excavations via TBS' vacuum truck at thirty (30) locations including gas transmission pipelines and water mains.

TBS performed property surveys along the 1.5-mile widening project which included 68 parcels. TBS prepared 100% Base and Final Right of Way mapping in accordance with LADOTD Location and Survey requirements.

| Tasks Relating to RFQ | |
|--------------------------------|---|
| Subsurface Utility Engineering | ✓ |
| Topographic Surveys | ✓ |
| ROW Surveys | ✓ |
| Property Surveys | ✓ |



18. Approach and Methodology:

STAFF AND EQUIPMENT

T. Baker Smith (TBS) associates have over 100 combined years of experience executing successful subsurface utility engineering (SUE) projects throughout the state of Louisiana. Our core group of associates have been involved in some of the largest and most important SUE projects completed for LADOTD and thoroughly understand the processes and procedures necessary to provide a quality deliverable to LADOTD and all associated project stakeholders.

TBS also has a dedicated utility coordination staff with over 40 combined years of experience with knowledge of the preparation of conflict matrices, conflict plans, the LADOTD relocation agreement process, and utility installation inspection.

The associates listed on this submittal's organizational chart are our core group whose first responsibility will be to this IDIQ contract and performing the professional subsurface utility engineering, utility coordination, and surveying services for the projects included in the assigned task orders.

TBS has all equipment required to perform SUE and surveying to ASCE 38-22 standards, including, but not limited to the following:

Pipe and Cable Locators

- RD-8100
- Subsite
- Pipehorn
- Vivax

Ground Penetrating Radars

- Leica S-2000
- RD-1100

Magnetic Locators

- Schondstedt

Vacuum Excavation Trucks

- Vacmaster system 4000
- Tellus system 3000

Survey Equipment

- GPS Total Stations
- Differential GPS Units
- Conventional Total Stations

- Robotic Total Stations
- 3D Terrestrial Laser Scanners

SUE PROCESS

Once a proposed task order is received from LADOTD's Location and Survey section, the TBS project manager will be available to meet with the LADOTD 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.** If an alternative method is deemed beneficial to the project, a detailed approach will be discussed. Once alternative methods are detailed, a written approach will be provided for approval. This meeting could be either an in-person meeting or a conference call at the LADOTD task manager's preference. If needed, a site visit can be scheduled to further understand the needs of the task order.

TBS will begin field preparations once a Notice To Proceed (NTP) is received. A detailed field package will be prepared including safety requirements, field objectives, special instructions, and timeline for data acquisition. All field personnel will have the required ATSSA Certification requirements. Calibration checks will be performed on all field equipment before the field work begins and at necessary intervals. **The Project Manager will review all field information with the SUE crew at the start of the project.**

A Louisiana One Call ticket will be placed for the project limits to determine the initial list of utility companies. It is known that not all utilities are members of the one call system, and this initial list will only be used as a starting point in gathering utility information. Once all known utilities are determined, a request for record drawings/as-builts will be placed to obtain as much information as possible to provide to the field crew. This information will also be used for ASCE 38-22 Quality Level D and C as well as QA/QC purposes.

All designating (ASCE 38-22 Quality Level B) field work will utilize industry standard geophysical methods to detect underground utilities. This will include electromagnetic, acoustic, and magnetic locating equipment. Each utility may be made of different materials and at different depths which require specialized equipment. For example, a PVC line without tracer wire cannot be located with a pipe and cable locator but can be detected with an acoustic locator or a GPR.



The field crew and project manager will use their expertise to determine the proper method while conducting the field investigation. A sweep will occur at the end of the designating process to search for abandoned or undocumented utilities.

When vacuum excavation locating (ASCE 38-22 Quality Level A) is required, TBS will coordinate with the LADOTD Task Manager to ensure the excavation occurs on the correct utility at the requested location. TBS will then utilize one of its specialized vacuum excavation trucks to excavate and expose the requested utility. TBS has a larger truck for deeper excavations and smaller truck for areas where space is restrictive. TBS field staff will then utilize the air pressured lance and vacuum system to break up the ground on top of the utility and expose it to provide all attribute data including depth from grade. This information will be gathered and then the excavation restored to its original condition.

TBS utilizes a proprietary system to collect field data for both Designating (Quality Level B) and Locating (Quality Level A) field work. This system (Survey123) allows our field staff to accurately depict the location of all field data instantly using RNSS receivers. This information is then immediately uploaded to a GIS system which allows office staff, other surveyors, and LADOTD personnel to view all of the data as it is being collected in the field. Pictures of all above ground structures are taken and available and each utility line is categorized and contains the attribute data as collected in the field. This system even allows filtering based on which lines have been surveyed and reviewed.

Once the field survey begins, the **project surveyor will maintain daily communication with the survey crew and be the main point of contact for the survey crew** if an issue should arise. 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 Survey Manual. All information obtained by the project surveyor from the field crew will be reported to the contract's project manager to report to LADOTD's task manager as needed. The field crew will **submit field data daily** for processing and review by the project surveyor.

All data received from the field for both SUE and survey will be processed using LADOTD CAD standards through MicroStation & InRoads. Once data is processed and reviewed, it will be added to the project base map and upon the completion of data collection the base map will be QA/QC'd to verify all project objectives

have been met. At this time, if warranted by the task order, **TBS can meet with the LADOTD task manager to review the SUE and Survey file for completeness.**

After the data QA/QC process, linework has been cleaned, attributes added, surfaces are made, and when all data is found to conform to Survey Manual and the deliverables have been made to CADconform, the final DGN, Hard Copy SUE Deliverables (Signed and Sealed by a Licensed Louisiana Engineer), 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 project wise or copied to a hard drive for submittal, 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 deliverable's acceptance, the contract's project manager will provide the final progress chart and will request if the LADOTD task manager has any feedback on performance improvements for future task orders.

TBS understands the transition in cad standards coming to LADOTD. **The TBS staff is on the leading edge of the transition to Bentley Open Roads Designer (Open Roads).** To be proactive in this transition, we have scheduled extensive Open Roads training for July 2021 through Zen Engineering, Inc.

UTILITY COORDINATION PROCESS

Once a preliminary design and utility locations have been determined, TBS associates will work with LADOTD and utility owners to determine conflict points between planned construction and existing or planned utility facilities. TBS will prepare the necessary conflict matrix and conflict plans necessary to coordinate with utilities to determine conflict descriptions, costs, relocation alternatives, etc.



TBS will host necessary meetings between LADOTD, the effected utility companies, and other project stakeholders as requested by the LADOTD task manager. All notes and meeting minutes will be recorded by TBS associates. TBS associates will assist the utility companies in the design and preparation of their plans including the submittal of relocation agreements.

Once design has been completed, TBS can monitor the relocation of all utilities to ensure compliance with plans and prepare as-built utility documentation for the roadway construction phase as well as be available for all plan in hands and construction meetings.

ADDITIONAL CONSIDERATIONS

The TBS team dedicated to this contract will be housed in offices throughout southern 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 perform **SUE and survey work in the harshest Louisiana terrains**.

TBS has been providing professional SUE and surveying consulting solutions to clients in south Louisiana for 109 years. We believe that our **experience, resources, office locations, enthusiasm, and commitment to excellence** make us uniquely qualified to provide the high level of service that should be expected on this type of project. We understand that a great deal of work goes into projects that **improve the quality of life in our communities**. That is why we tailor our solutions with stakeholders to work safely by collaborating across locations and practice areas throughout the project life cycle.

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 project team comprised of not only SUE and 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 capable of allocating multiple SUE and survey crews to the project, aiding in efficient project delivery time and completeness.
- A firm committed to LADOTD procedures and experienced in providing SUE quality surveys to LADOTD using Open Roads, MicroStation, InRoads, and CADconform.



19. Workload:

| Firm(s) | Past Performance Evaluation Discipline(s) * | State project number | Project name | Remaining Unpaid Balance** |
|---------------------|---|----------------------|--|----------------------------|
| T. Baker Smith, LLC | CE&I/OV | H.004113 | LA 3241: LA 435 to LA 40/41 | \$102,556 |
| T. Baker Smith, LLC | CE&I/OV | H.011152 | I-12: US 190 to LA 59 | \$70,805 |
| T. Baker Smith, LLC | Road | H.012812 | US 190 at Northshore and Camp Villere | \$50,200 |
| T. Baker Smith, LLC | Road | H.013199 | Country Estates Dr. Over St. Louis Bayou | \$750 |
| T. Baker Smith, LLC | Bridge | H.013199 | Country Estates Dr. Over St. Louis Bayou | \$799 |
| T. Baker Smith, LLC | Road | H.014217 | LA 537: Bridges Near Plain Dealing | \$62,348 |
| T. Baker Smith, LLC | Bridge | H.014217 | LA 537: Bridges Near Plain Dealing | \$48,750 |
| T. Baker Smith, LLC | Environmental | H.014217 | LA 537: Bridges Near Plain Dealing | \$11,175 |
| T. Baker Smith, LLC | Road | H.014218 | LA 2A: Thorny Branch & Indian Creek Brs | \$40,716 |
| T. Baker Smith, LLC | Bridge | H.014218 | LA 2A: Thorny Branch & Indian Creek Brs | \$17,825 |
| T. Baker Smith, LLC | Environmental | H.014218 | LA 2A: Thorny Branch & Indian Creek Brs | \$10,054 |
| T. Baker Smith, LLC | Survey | H.014218 | LA 2A: Thorny Branch & Indian Creek Brs | \$22,141 |
| T. Baker Smith, LLC | Road | H.014219 | LA 507: Creek Bridges Near Simsboro | \$30,559 |
| T. Baker Smith, LLC | Bridge | H.014219 | LA 507: Creek Bridges Near Simsboro | \$23,112 |
| T. Baker Smith, LLC | Environmental | H.014219 | LA 507: Creek Bridges Near Simsboro | \$9,643 |
| T. Baker Smith, LLC | Road | H.014222 | LA 516: Poland Branch Bridge | \$8,459 |
| T. Baker Smith, LLC | Bridge | H.014222 | LA 516: Poland Branch Bridge | \$3,334 |
| T. Baker Smith, LLC | Environmental | H.014222 | LA 516: Poland Branch Bridge | \$2,104 |
| T. Baker Smith, LLC | Road | H.014225 | LA 528: Clark Bayou Bridge | \$10,993 |
| T. Baker Smith, LLC | Bridge | H.014225 | LA 528: Clark Bayou Bridge | \$9,182 |
| T. Baker Smith, LLC | Environmental | H.014225 | LA 528: Clark Bayou Bridge | \$1,170 |
| T. Baker Smith, LLC | Road | H.014228 | LA 159: Bridges Near Shongaloo | \$62,207 |
| T. Baker Smith, LLC | Bridge | H.014228 | LA 159: Bridges Near Shongaloo | \$27,707 |
| T. Baker Smith, LLC | Environmental | H.014228 | LA 159: Bridges Near Shongaloo | \$21,077 |
| T. Baker Smith, LLC | Road | H.014231 | LA 153: Topy Creek Relief & Drain Brs | \$77,090 |
| T. Baker Smith, LLC | Bridge | H.014231 | LA 153: Topy Creek Relief & Drain Brs | \$61,367 |
| T. Baker Smith, LLC | Environmental | H.014231 | LA 153: Topy Creek Relief & Drain Brs | \$27,608 |
| T. Baker Smith, LLC | Road | H.014233 | LA 160: Cypress Bayou and Relief Bridges | \$4,957 |

19. Workload:

| Firm(s) | Past Performance Evaluation Discipline(s) * | State project number | Project name | Remaining Unpaid Balance** |
|----------------------------|---|----------------------|--|----------------------------|
| T. Baker Smith, LLC | Bridge | H.014233 | LA 160: Cypress Bayou and Relief Bridges | \$3,635 |
| T. Baker Smith, LLC | Environmental | H.014233 | LA 160: Cypress Bayou and Relief Bridges | \$3,726 |
| T. Baker Smith, LLC | Road | H.014236 | LA 3008: Bridges Near Cotton Valley | \$116,713 |
| T. Baker Smith, LLC | Bridge | H.014236 | LA 3008: Bridges Near Cotton Valley | \$93,776 |
| T. Baker Smith, LLC | Environmental | H.014236 | LA 3008: Bridges Near Cotton Valley | \$33,366 |
| T. Baker Smith, LLC | Road | H.014238 | LA 818: Barnet Springs & Creek Bridges | \$46,430 |
| T. Baker Smith, LLC | Bridge | H.014238 | LA 818: Barnet Springs & Creek Bridges | \$37,915 |
| T. Baker Smith, LLC | Environmental | H.014238 | LA 818: Barnet Springs & Creek Bridges | \$12,045 |
| T. Baker Smith, LLC | Survey | H.014238 | LA 818: Barnet Springs & Creek Bridges | \$16,529 |
| T. Baker Smith, LLC | Road | H.014239 | LA 589: Lyon Bayou Bridge | \$44,335 |
| T. Baker Smith, LLC | Bridge | H.014239 | LA 589: Lyon Bayou Bridge | \$17,215 |
| T. Baker Smith, LLC | Environmental | H.014239 | LA 589: Lyon Bayou Bridge | \$11,981 |
| T. Baker Smith, LLC | Survey | H.014239 | LA 589: Lyon Bayou Bridge | \$15,119 |
| T. Baker Smith, LLC | Road | H.014264 | LA 556: Bridges Near Choudrant | \$141,499 |
| T. Baker Smith, LLC | Bridge | H.014264 | LA 556: Bridges Near Choudrant | \$114,265 |
| T. Baker Smith, LLC | Environmental | H.014264 | LA 556: Bridges Near Choudrant | \$39,529 |
| T. Baker Smith, LLC | Survey | H.014264 | LA 556: Bridges Near Choudrant | \$47,322 |
| T. Baker Smith, LLC | Other (Subsurface Utility Engineering) | H.003931.5 | Calcasieu River Bridge UC and Test Holes | \$205,720 |
| T. Baker Smith, LLC | Other (Subsurface Utility Engineering) | H.014554.5 | LA 3025: Coulee Mine Scour Repair | \$14,059 |
| T. Baker Smith, LLC | Survey | H.014414.5 | LA 22: Bedico Creek - Pine Creek Dr. | \$436,549 |

20. Certifications/Licenses:

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

Mr. TJ Beau Stokes

License/Certificate Type - Number Expiration Date
PE.0040079 **03/31/2024**

Status: **Active**

ATSSA TRAINED

PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Laramey L Leet
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

6/24/2022 to 6/24/2026
Training Valid Through

Baton Rouge, LA
Location

Laramey L Leet
Director of Training
John T. Fisher
President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

*The American Traffic Safety
Services Association*
Hereby recognizes that

Laramey Leet
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

07/27/2018
Date
Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Ray H. Wintz
Training & Products Dept. Director
President, CEO

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

Mr. Brian Alan Hugman

License/Certificate Type - Number Expiration Date
PE.0046487 **09/30/2024**

Status: **Active**

ATSSA TRAINED

PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brian Hugman
has attended
Traffic Control Technician-LA State Specific
Training Course

12/14/2021 to 12/14/2025
Training Valid Through

Baton Rouge, LA
Location

Laramey L Leet
Director of Training
John T. Fisher
President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brian Hugman
has attended
Traffic Control Supervisor-LA State Specific
Training Course

12/15/2021 to 12/15/2025
Training Valid Through

Baton Rouge, LA
Location

Laramey L Leet
Director of Training
John T. Fisher
President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that
Anthony M Burns
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER ATSSA

Issue Date 3/31/2022 *Laramey L Leet*
Exp. Date 3/30/2026 Instructor Name
State Issued LA *John T. Fisher*
Instructor Signature

A1000054837 Verify at Flagger.com

ATSSA TRAINED

PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Anthony M Burns
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

4/28/2022 to 4/28/2026
Training Valid Through

Baton Rouge, LA
Location

Laramey L Leet
Director of Training
John T. Fisher
President, CEO

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


ATSSA American Traffic Safety Services Association ATSSA.com

Certificate of Training
this certifies that
Brian Hugman
has successfully completed the training
program requirements for
ATSSA Online Flagger Certification Training Course

ATSSA

Awarded on this 24th day of November 2021

20. Certifications/Licenses:

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

Mr. Rene James Hebert

License/Certificate Type - Number Expiration Date
PLS.0005070 **03/31/2024**

Status: **Active**

 **PROOF OF TRAINING**
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Rene J Hebert
has attended
Traffic Control Technician-LA State Specific
Training Course

6/21/2022 to 6/21/2026
Training Valid Through

Baton Rouge, LA
Location

Rene J Hebert
Director of Training
John T. Smith
President, CEO

ATSSA provides training and certification for member companies employment by ATSSA.

 American Traffic Safety Services Association ATSSA.com

 **PROOF OF TRAINING**
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Rene J Hebert
has attended
Traffic Control Supervisor-LA State Specific
Training Course


6/22/2022 to 6/22/2026
Training Valid Through

Baton Rouge, LA
Location

Rene J Hebert
Director of Training
John T. Smith
President, CEO

ATSSA provides training and certification for member companies employment by ATSSA.

 American Traffic Safety Services Association ATSSA.com

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

Mr. Jean Louis Reulet III

License/Certificate Type - Number Expiration Date
PLS.0005145 **03/31/2024**

Status: **Active**

 **PROOF OF TRAINING**
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jean Reulet
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

10/8/2021 to 10/8/2025
Training Valid Through

New Orleans, LA
Location

Jean Reulet
Director of Training
John T. Smith
President, CEO

ATSSA provides training and certification for member companies employment by ATSSA.

 American Traffic Safety Services Association ATSSA.com

 **PROOF OF TRAINING**
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Perry Smith Jr.
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

6/24/2022 to 6/24/2026
Training Valid Through

Baton Rouge, LA
Location

Perry Smith Jr.
Director of Training
John T. Smith
President, CEO

ATSSA provides training and certification for member companies employment by ATSSA.

 American Traffic Safety Services Association ATSSA.com

 **PROOF OF TRAINING**
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Marshall Pounds
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

9/10/2021 to 9/10/2025
Training Valid Through

Baton Rouge, LA
Location

Marshall Pounds
Director of Training
John T. Smith
President, CEO

ATSSA provides training and certification for member companies employment by ATSSA.

 American Traffic Safety Services Association ATSSA.com

Certificate of Training
this certifies that
Marshall Pounds
has successfully completed the training
program requirements for
ATSSA Online Flagger Certification Training Course

 Awarded on this 7th day of September 2021

 **PROOF OF TRAINING**
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kaleb Brooks
has attended
Traffic Control Supervisor-LA State Specific
Training Course

9/9/2021 to 9/9/2025
Training Valid Through

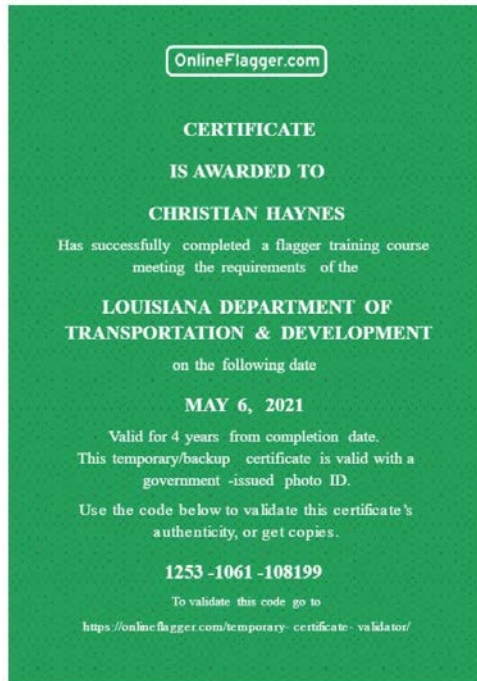
Baton Rouge, LA
Location

Kaleb Brooks
Director of Training
John T. Smith
President, CEO

ATSSA provides training and certification for member companies employment by ATSSA.

 American Traffic Safety Services Association ATSSA.com

20. Certifications/Licenses:



21. QA/QC Plan and/or Work Plan:

N/A

22. Sub-consultant information:

| Firm Name (as registered with Louisiana's Secretary of State) | Address | Point of Contact and email address | Phone Number |
|--|----------------|---|---------------------|
| N/A | N/A | N/A | N/A |

23. Location:

N/A