

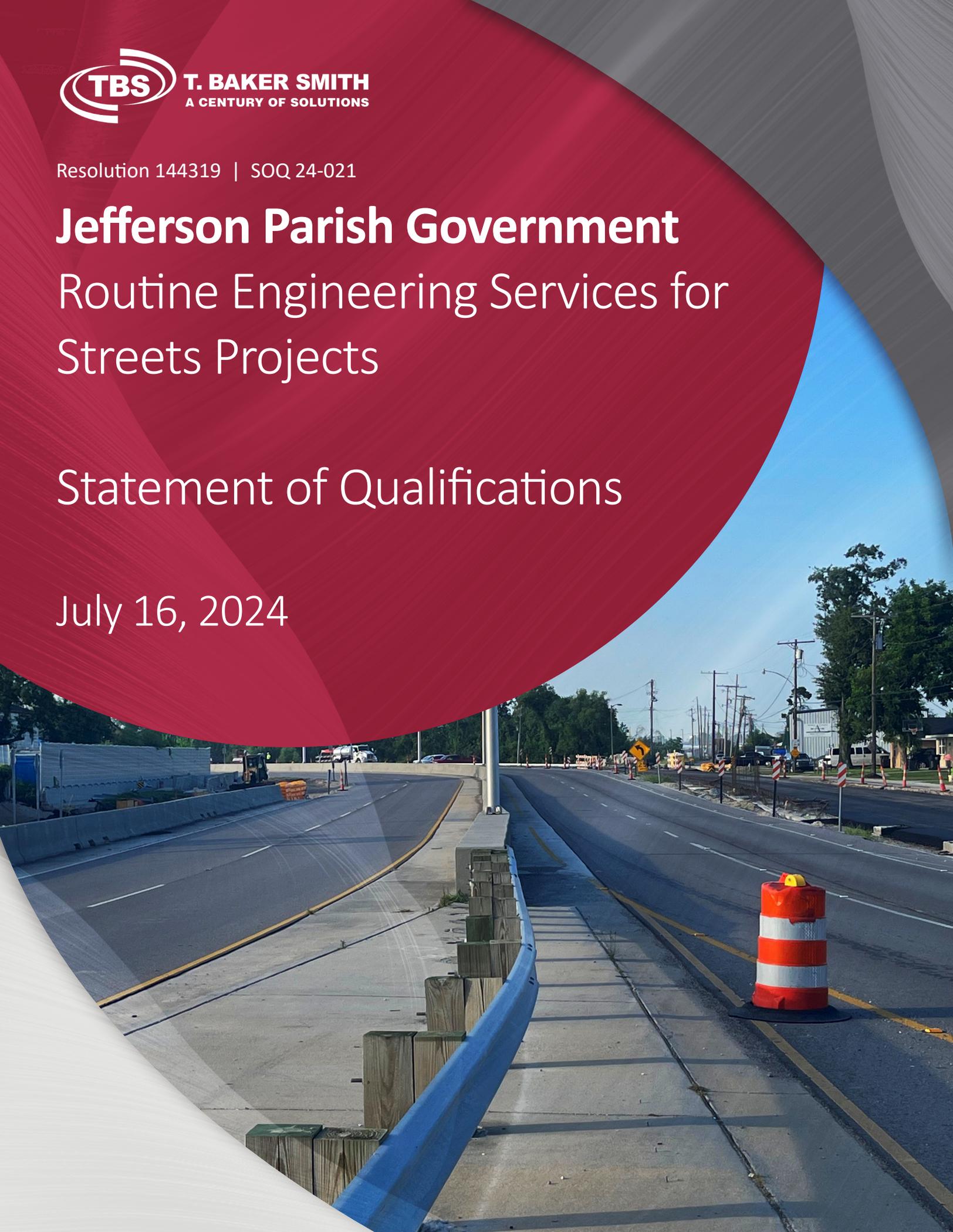


Resolution 144319 | SOQ 24-021

# Jefferson Parish Government Routine Engineering Services for Streets Projects

## Statement of Qualifications

July 16, 2024



**TEC Professional Services Questionnaire**

**A. Project Name and Advertisement Resolution Number:**

**ROUTINE ENGINEERING SERVICES FOR STREETS PROJECTS**

Resolution 144319 | SOQ 24-021

**B. Firm Name & Address:**

**T. Baker Smith, LLC**  
6660 Riverside Drive  
Suite 101  
Metairie, LA 70003



**T. BAKER SMITH**  
A CENTURY OF SOLUTIONS

**C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

**Kenneth Wm. Smith, PE, PLS, FACEC**  
Chief Executive Officer  
985.223.9248  
Kenneth.Smith@tbsmith.com

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.**

**Brian E. Moldaner, PE, MBA**  
Chief Growth Officer  
504.608.9367  
Brian.Moldaner@tbsmith.com

**E. Please provide the number of employees whose primary function corresponds with each category:**

|                                       |  |  |
|---------------------------------------|--|--|
| <u>49</u> Administrative              | <u>        </u> Estimators             | <u>        </u> Specification Writers    |
| <u>        </u> Architects (Licensed) | <u>        </u> Geologists             | <u>1</u> Structural Engineers            |
| <u>1</u> Chemical Engineers           | <u>        </u> Geotechnical Engineers | <u>8</u> Graduate Engineers              |
| <u>26</u> Civil Engineers             | <u>        </u> Interior Designers     | <u>20</u> Project Managers               |
| <u>4</u> Construction Inspectors      | <u>1</u> Landscape Architects          | <u>2</u> Clerical                        |
| <u>10</u> Ecologists                  | <u>29</u> Land Surveyor                | <u>        </u> Grant/Funding Specialist |
| <u>        </u> Electrical Engineers  | <u>2</u> Mechanical Engineers          | <u>        </u> Sanitary Engineers       |
| <u>5</u> Engineer Intern              | <u>1</u> Environmental Engineers       | <u>118</u> Other                         |
| <u>14</u> Professional Land Surveyors |  | <u>292</u> <b>TOTAL</b>                  |

**F. Is this submittal by a JOINT-VENTURE? Please check: YES                      NO**

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

**TEC Professional Services Questionnaire**

**G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary**

N/A

**H. Has this JOINT-VENTURE previously worked together? Please check:**

YES \_\_\_\_\_ NO \_\_\_\_\_

N/A

**I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.**

| Name & Address:   | Specialty: | Worked with Firm Before (Yes or No): |
|---|------------|--------------------------------------|
| <p>N/A</p>  |            |                                      |

**J. Please specify the total number of support personnel that may assist in the completion of this Project:**

292 (all personnel, primary and support, will be available to work on all assigned projects)

## TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary

### PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

**Kenny Belou, PE**

*Lead Professional, Transportation Engineering*

Project Assignment:

Professional in Charge of Project

Name of Firm with which associated:



Years' experience with this Firm:

2 with this firm | 17 with other firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2009/Civil Engineering

Active registration: Year first registered/discipline:

LA PE 38850/2014/Civil

Other experience and qualifications relevant to the proposed Project:

Kenny is a Lead Professional specializing in Transportation Engineering. He has over 19 years of experience in the design and management of Transportation and Site projects. He is familiar with the LADOTD Road Design Manual, New Orleans Stormwater Code, LADOTD Complete Street, LADOTD Hydraulics Manual, AASHTO Policy on Geometric Design of Highways and Streets, LA Standard Specifications for Roads and Bridges. Kenny is also experienced with AutoCAD, Autodesk Vehicle Tracking, LADOTD HYDR Programs and MS Office Suite. He is a graduate of the University of New Orleans and is on the St. Catherine of Sienna Facilities Council for Master Plan Development for School and Church, and member of both ASCE and the Louisiana Engineering Society.

#### **Project Experience**

**Citrus Boulevard Improvements; Jefferson Parish Government; Jefferson Parish, LA** - Project Manager/Project Engineer. Project scope is for roadway removal and reconstruction for the 0.90mile project length of Citrus Boulevard, located in Elmwood, LA. Project scope also included the redesign of intersection turnouts and median openings along with the addition of a left turn lane at Edwards Avenue. Tasks included Job planning, design, and coordination and oversight of sub-contractors, including topographic survey, and traffic engineering. Due to the high traffic volume corridor, additional coordination with property owners and utilities along with construction sequencing was completed in order to maintain access to commercial and residential properties. Design tasks include roadway vertical curves, turnout analysis for new design vehicle, and median openings. Project delivered under budget. *(Previous employer.)*

**Children's Hospital Improvements; LCMC Health; Orleans Parish, LA** - Project Manager/Project Engineer. Civil project scope as a part of a \$340 million complete site renovation. Scope includes many site and road design facets—including the removal, reconstruction, and narrowing of Henry Clay Avenue (from 40' wide road to 33' wide) from Leake Avenue to Tchoupitoulas Street; the removal and realignment of Leake Avenue from Henry Clay Avenue to Calhoun Street; and the removal and realignment of Calhoun Street from Leake Avenue to Tchoupitoulas. Site design aspects include parking lot, entrance drive, and sidewalk design. Critical to the success of the project was the green infrastructure scope, which was necessary to meet the City of New Orleans Stormwater Code while maintaining the beauty of the hospital campus. Tasks include: Design; value engineering; coordination with owner, partner consultants (architect, mechanical, electrical, and landscape architect), and construction manager; weekly design team meetings to maintain project schedule and budget. Design tasks include roadway horizontal and vertical alignment, subsurface drainage design, green infrastructure design (bioswales/rain gardens, subsurface storage tanks, and pervious pavement). Green Infrastructure design selected as ACEC Grand Award Winner 2021 for Stormwater and Wastewater Category. *(Previous employer.)*

## TEC Professional Services Questionnaire

### PROFESSIONAL IN CHARGE OF PROJECT:

**Kenny Belou, PE (continued)**

**LA 621 at Roddy Road Roundabout; Ascension Parish Government, Move Ascension; Ascension Parish, LA** – Project Manager. Kenny is the project manager and supervisor engineer of the design and plan preparation, responsible for the project delivery. He coordinates with project stakeholders: LADOTD, Ascension Parish, and Parish Program Manager and he oversees the project design. Provides quality control of several design elements, including horizontal and vertical alignments, drainage design, sequence of construction and roadway geometrics. Manages the coordination between in-house right-of-way mapping, subconsultant geotechnical engineering reports and research, and subconsultant lighting design.

**Bainbridge Canal Closure and Roadway Improvements; Jefferson Parish; Jefferson Parish, LA** – Project Engineer. Kenny was responsible for plan development which included roadway widening and replacement and large-scale drainage design. He also served as the point of contact for subconsultants, who contributed to the project execution. (*Previous employer.*)

**Rural Bridge Replacement Initiative Phases I & II, 87 bridge structures; LADOTD; Statewide, LA** – Overall Project Manager. The overall project scope for phases 1 and 2 included the replacement of 87 bridges throughout fourteen Parishes in Northern Louisiana. The bridge lengths ranged from 20' to 340'. Kenny is the overall project manager and supervisor engineer, responsible for construction support for Phase I bridge projects and responsible for contract execution for Phase II. He is also responsible for quality control of all design elements including roadway design, hydraulic design, and bridge design. He works in constant coordination with internal task managers, the LADOTD project manager, and sub-consultants for this fast-paced project.

**Roddy Road Widening (LA 935 to LA 621); Ascension Parish Government; Ascension Parish, LA** – Supervisor Engineer. Kenny is the supervisor engineer for the 1.5-mile road widening project in Ascension Parish. He is responsible for the quality assurance, quality control and project delivery for the local urban collector roadway project, which also included the design of a 120' slab span bridge replacement. The project follows all LADOTD design guidelines and project milestones for project delivery. Kenny coordinates with engineering subconsultants, Ascension Parish staff, and the City of Gonzales for coordination for a successful project delivery.

**Duplessis Road Widening, H.013850; LADOTD; Ascension Parish, LA** – Project Manager for the design and plan preparation. Project scope is for road widening for the 1.65-mile project length, roadway curve realignment, open ditch drainage, and subsurface drainage. Project includes right-of-way acquisition: the design incorporates minimizing the disruption to properties along the roadway as well as improving the safety of the corridor. Also included is the new railroad crossing approach and crossing. Project is part of the Move Ascension Program. Tasks include: Job planning; design; coordination and oversight of sub-contractors, including topographic survey, subsurface utility engineering, and geotechnical; coordination with owner, program manager, and LADOTD; and reviewing right-of-way maps, real estate descriptions, and title reports. Design tasks include horizontal and vertical alignments including superelevation, intersection design, drainage design, and railroad approach design.

**LA 431 at LA 934 Intersection Improvement, H.007855; LADOTD; Ascension Parish, LA** – Project Engineer for the design and plan preparation. Project scope is intersection improvements including road widening, addition of left turn lanes on LA 431, addition of right turn lane on LA 934, subsurface drainage at intersection, open ditch drainage. Design tasks included subsurface drainage design, cross drain analysis, horizontal road geometry, pavement markings and signing layout, and sequence of construction.

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

**Brian E. Moldaner, PE, MBA**

*Chief Growth Officer*

Project Assignment:

Client Liaison

Name of Firm with which associated:



Years' experience with this Firm:

13 with this firm | 0 with other firms

Education: Degree(s)/Year/Specialization:

Master of Business Administration/2019

Bachelor of Science/2011/Civil Engineering

Active registration: Year first registered/discipline:

LA PE 36709/2011/Civil

Other experience and qualifications relevant to the proposed Project:

Brian is the Chief Growth Officer, formerly the Engineering Lead Professional and the Public Works Market Sector Leader. He has proven experience leading large, complex, multi-disciplined projects to successful outcomes. He performs various project management duties, including developing service fee proposals, creating project management plans, public outreach communication planning, coordinating sub-consultants, and coordinating survey and environmental field crews. Brian leverages his engineering, business, communication, and project management skills to engage with project stakeholders (internal and external), understand concerns, and develop solutions to benefit clients and the community. Brian is a lifelong resident of Jefferson Parish and takes pride in serving his community through his profession.

#### Project Experience

**2017-032-RBP, West Esplanade Avenue Restoration Eastbound, Tartan Drive To Haring Road; Jefferson Parish Government; Jefferson Parish, LA** – Project Manager/Engineer of Record. Responsible for the design of approximately 2,650 LF of two-lane concrete roadway reconstruction. Designed roadway alignment to maximize roadway comfort, cross-drain upgrades, sidewalk reconstruction, sidewalk drainage improvements and resurfacing of connected asphalt turn lanes. Coordinated additional design by Jefferson Parish Engineering Department including waterline relocations and light pole relocations. Coordinated and oversaw topographic survey services also provided by TBS, as well as geotechnical engineering and construction project representative services provided by subconsultants.

**2017-015-RBP, David Drive Corridor Improvements, West Napoleon Avenue to Veterans Boulevard; Jefferson Parish Government; Jefferson Parish, LA** – Project Manager. As a sub-consultant to the prime consultant, performed engineering and project management services for all aspects of design of the drainage improvements associated with the reconstruction of the roadway corridor, including drainage system modeling to size culverts, placement of drainage structures, constructibility review, utility conflict identification and general plan set preparation.

**2017-020-RBP, Labarre Road Widening, Airline Drive to Loumor Street; Jefferson Parish Government; Jefferson Parish, LA** – Overall Project Manager. Supervised all professional services including the topographic survey, geotechnical services, roadway design, construction documents preparation, utility relocation coordination, bidding, construction administration, and resident inspection.

**13-ROAD-37, Thompson Road Extension: LA 57 to LA 56; Terrebonne Parish Consolidated Government; Terrebonne Parish, LA** – Project Manager, Project Engineer. Assisted with topographic survey and performed roadway design for 2.7 miles of two-lane highway including drainage, vertical and horizontal geometrics, utility relocations, subsurface drainage, box culvert design and drainage water control design. Assisted with slab span bridge design including special/curved spans and scour analysis. Also performed striping design of turn lanes on state routes LA 57 and LA 56 as well as designed the widening and drainage improvements of existing Parish roadway, Thompson Rd.

**Grand Isle Roadway Improvements; Town of Grand Isle; Jefferson Parish, LA** – Engineering Support. Brian assisted with the roadway design of 1.5 miles of the 20-mile roadway project to reconstruct all roads in Grand Isle, LA.

**TEC Professional Services Questionnaire**

**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name & Title:

**Brady Smith, PE**

*Sr. Project Manager, Transportation Engineering*

Project Assignment:

Project Manager

Name of Firm with which associated:



Years' experience with this Firm:

2 with this firm | 6 with other firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2016/Civil Engineering

Active registration: Year first registered/discipline:

LA PE 35362/2010/Civil

Other experience and qualifications relevant to the proposed Project:

Brady serves as a project manager for projects that include roadway design, spot bridge replacements and hydrologic and hydraulic analysis. He has experience in a wide variety of LADOTD projects including roundabouts, interstate ramps, bridge replacements, and roadway widening projects. Brady is experienced in AASHTO and LADOTD's Geometric Design Guidelines as well as Bentley Inroads, Microstation and LADOTD's HYDRWIN programs. He also has experience serving as a Project Engineer for several CE&I projects awarded by LADOTD.

**Project Experience**

**Rural Bridge Replacement Initiative (Phase 2); LADOTD; Districts 04 and 05, LA** – Engineer of Record. Brady is the lead engineer for the design and plan production of bridge replacements (5 state projects) throughout North Louisiana. He is responsible for the development of all road and bridge design elements including H&V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometrical layouts, summary sheets and cost estimates. Brady delineated the drainage basins for several sites, determined the peak discharge at each bridge site utilizing HYDR1130, and ran the hydraulics model through GEO-HECRAS to determine design water surface elevations, velocities, backwater, and flow area. He produced final Hydraulic Reports and Scour Memorandum for several sites, and reviewed and assisted in the submission of all Environmental and Right-of-Way related deliverables including Wetland Delineations, SOV Packages, Categorical Exclusion Documents, Permit applications and Preliminary and Final R/W Maps. Brady is also responsible for the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers.

**LA-16: Roundabout @ LA-447; LADOTD; Livingston Parish, LA** – Engineer Intern. Brady was responsible for roadway full-sized plan preparation, subsurface drainage design, curb and gutter drainage design, roundabout geometric design, construction phasing, temporary traffic control, required right of way determination and cost estimation.

**Eagles Nest Ct. Bridge Rehabilitation; Mockler Beverage; Houma, LA** – Project Manager and lead load rating engineer for the inspection, load rating, and rehabilitation design for the Eagles Nest Ct. bridge in Houma, Louisiana. Brady is responsible for the development of the bridge inspection report, load rating of the existing bridge, rehabilitation recommendation, rehabilitation design and As-Built load rating of the proposed structure. Scope includes temporarily removing one of the spans, replacing a bridge bent, and placing the span back on the bridge.

**Lake Pontchartrain Causeway Safety Bay Improvements CE&I; Greater New Orleans Expressway Commission; Jefferson & St. Tammany Parishes, LA** – Engineer Intern. Brady's responsibilities included providing construction engineering and inspection services required during the safety bay improvement project for the fabrication of pre-stressed piles and girders, caps and decks as well as all other construction activities including field monitoring, documentation, preparation of daily reports, participation in construction progress meetings, construction close-out, etc.

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**Kelly Radecker, PE**

*Lead Engineer, Roads*

**Project Assignment:**

Roadway Engineering Lead

**Name of Firm with which associated:**



**Years' experience with this Firm:**

5 with this firm | 5 with other firms

**Education: Degree(s)/Year/Specialization:**

Bachelor of Science/2014/Civil Engineering

**Active registration: Year first registered/discipline:**

LA PE 43919/2008/Civil

**Other experience and qualifications relevant to the proposed Project:**

Kelly is the Lead Roadway Engineer for our Transportation Engineering team. Kelly will serve as the overall road design lead for this contract. Prior to joining T. Baker Smith, Kelly gained valuable transportation experience employed by LADOTD. Kelly is notably experienced in design of roundabouts, roadway widening, drainage design, and bridge replacement and reconstruction in accordance with LADOTD's Roadway Design Procedures and Details Manual, LADOTD's Hydraulics Manual, and LADOTD plan preparation guidelines. She is also very familiar with AASHTO standards and guidelines and has assisted in Level 4 Transportation Management Plans for roadway construction projects. Her experience has included project/task management, development of horizontal and vertical geometrics, typical sections, roadway drainage calculations, earthwork design, construction sequencing, Engineering Reasoning and Decision Document for signing plans, development of quantities, and construction cost estimates. She is skilled in development of roadway models and design, hydraulic analysis, and sign design utilizing MicroStation, InRoads, AutoTurn, Torus, and SignCAD. She has completed the following training: FHWA-NHI-380096 Modern Roundabouts: Intersections Designed for Safety hosted by LADOTD/LTRC and CPTP SCS Cybersecurity WBT training. She also holds the ATSSA Traffic Control Supervisor (TCS)/Technician (TCT) certifications.

**Project Experience**

**LA 621 at Roddy Rd; Ascension Parish Government; Ascension Parish, LA**- Engineer of Record. Kelly was the Lead Roadway Engineer for the design and plan preparation of a single lane roundabout at the intersection of LA 621 and Roddy Rd. She was responsible for the design of several roadway elements including the H&V alignments, roundabout geometrics, auto tracking movements, typical sections, sequence of construction, pay item compilation and quantity take-offs. Kelly created design report forms and cost estimates as well as assisted in coordinating the environmental process including the creation of exhibits to be utilized at Public Meetings. She also coordinated with subconsultants and provided quality control of design elements performed by the subconsultant including lighting plans.

**US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA** – Engineer of Record. Kelly was the Lead Roadway Engineer for the design and plan preparation of a multi-lane roundabout at the intersection of US 190 and Northshore Blvd. and a single lane roundabout at the intersection of US 190 and Camp Villere. She was responsible for the design of several roadway elements including the H&V alignments, roundabout geometrics, auto tracking movements, typical sections, sequence of construction, pay item compilation and quantity take-offs. Kelly created design report forms and cost estimates as well as assisted in coordinating the environmental process including the creation of exhibits to be utilized at Public Meetings. She also coordinated with subconsultants and provided quality control of design elements performed by the subconsultant including temporary traffic signal design and roadway striping and signing sheets.

**Braud Road at Germany Road Roundabout; Ascension Parish Government; Ascension Parish, LA** – Engineer of Record. Kelly was the Lead Roadway Engineer for the design and plan preparation of a single lane roundabout at the intersection of Braud Road and Germany Road. She was responsible for the design of several roadway elements including the H&V alignments, roundabout geometrics, auto tracking movements, typical sections, sequence of construction, pay item compilation and quantity take-offs. Kelly created design report forms and cost estimates.

**TEC Professional Services Questionnaire**

**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name & Title:

**Daniel Binet, PE**

*Lead Engineer, Bridges*

Project Assignment:

Bridge Engineering Lead

Name of Firm with which associated:



Years' experience with this Firm:

11 with this firm | 0 with other firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2014/Civil Engineering

Active registration: Year first registered/discipline:

LA PE 42997/2018/Civil

Other experience and qualifications relevant to the proposed Project:

Daniel is the Lead Engineer of Bridges for TBS with over 11 years of experience in civil and structural engineering. His experience includes bridge design, structural analysis, roadway design, hydrologic and hydraulic analysis. He is also experienced in AASHTO geometric and roadside design guides, LADOTD plan production, LRFR bridge rating using AASHTO BrR 6.8, STAAD Pro V8i, LEAP CONSPAN structural analysis software, Risa 3D, AutoCAD, Microstation, InRoads and CADConform.

**Project Experience**

**Rural Bridge Replacement Initiative Phase I, Contract 44-17598, 47 bridge structures; LADOTD; Districts 04, 05, 08, 58** – Project Engineer/Engineer of Record. Daniel performed QC review of topographic surveys, served as the EOR for bridge, hydraulics, and bridge design elements including hydraulics analysis, scour, horizontal/vertical alignments, bridge TS&L, bridge design & LRFR (non-standard structures) including LG-25 girders, for the replacement of 47 bridge structures in northern Louisiana.

**I-12 Widening (US 190 to LA 59), H.011152; LADOTD; St. Tammany Parish, LA** – Project Bridge Engineer. Daniel assisted with roadway design including geometrics and drainage. Performed bridge design including the widening of Pontchitalawa Creek and Tammany Trace bridges utilizing AASHTO Type III prestressed girders with varying skew spans, bridge design using LEAP CONSPAN, STAAD and Virtis for LRFR. Produced plans and details for widening including partial bridge demolition, foundation plans, widened bents, deck and superstructure.

**US 190: LA 437 to US 190 BUS (Ph. 1), H.001344; LADOTD; St. Tammany Parish, LA** – Project Bridge Engineer. Daniel performed bridge design tasks including Bridge Alternative study; developed Type, Size and Location (TS&L) plans for prestressed concrete (LG) girder spans and curved steel plate spans; and developed preliminary bridge plans for 1,400' long bridge using LG 36 and LG 54 prestressed concrete girders, foundation plans, typical sections, and bridge general plan/elevation for the replacement structure over the Bogue Falaya River in Covington, LA as part of an Urban Arterial widening project.

**I-10/Loyola Ave. Interchange Improvements; LA LADOTD; Jefferson Parish, LA** – Engineering Support. Daniel performed all bridge tasks to design and layout a line and grade option for the interstate interchange horizontal & vertical alignment for the new MSY airport interchange in Kenner, LA. He completed preliminary superstructure and substructure design based on AASHTO & LADOTD BDEM guidelines. The option resented by TBS was selected by LADOTD to be moved into final design and construction.

**LA 20 Widening (LA 307 to S. Vacherie), H.013116; St. James Parish Government/LADOTD; St. James Parish, LA** – Project Bridge Engineer. Daniel performed bridge design tasks including Bridge Alternative study; developed Type, Size and Location (TS&L) plans for a five-span reinforced concrete bridge replacement; and developed special design elements for split-phase bridge construction, foundation plans, typical sections, and bridge general plan/elevation for the replacement structure on LA 20 as part of a Rural Arterial widening project.

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

|   |
|---|
| <b>Name &amp; Title:</b>  |
| <b>Paul Carroll, PE</b><br><i>Sr. Project Manager</i>   |
| <b>Project Assignment:</b>  |
| Engineering Support   |
| <b>Name of Firm with which associated:</b>  |
|    |
| <b>Years' experience with this Firm:</b>  |
| 7 with this firm   13 with other firms  |
| <b>Education: Degree(s)/Year/Specialization:</b>  |
| Bachelor of Science/2006/Civil Engineering<br>Bachelor of Science/2003/Mechanical Engineering   |
| <b>Active registration: Year first registered/discipline:</b>   |
| LA PE 33902/2008/Civil  |
| <b>Other experience and qualifications relevant to the proposed Project:</b>  |
| <p>Paul is a Louisiana-licensed professional civil engineer with over 15 years of experience in stormwater drainage, levees, retention ponds, vertical curve roadway design, structural design, and project management of small to large projects. He is primarily responsible for providing advanced technical support and assisting the project manager in the development and design of project plans, specifications and estimates.</p> <p><b>Project Experience</b></p> <p><b>West Esplanade Avenue Restoration Eastbound, Tartan Drive To Haring Road; Jefferson Parish Government; Jefferson Parish, LA</b> – Project Engineer. Designed culverts and inlets along the sidewalk for the reconstruction design of approximately 2,650 linear feet of two-lane concrete roadway as well as grading plan for all intersections.</p> <p><b>David Drive Corridor Improvements, West Napoleon Avenue to Veterans Boulevard; Jefferson Parish Government; Jefferson Parish, LA</b> – Engineer of Record. Designing, developing plan and specifications, modeling, and writing the report for the drainage improvements associated with the reconstruction of the roadway corridor.</p> <p><b>I-12 Additional Hydraulic Analysis; St. Tammany Parish Government; St. Tammany, LA</b> – Project Engineer. Modeled flooding depth and areas at multiple cross-culvert locations with a SWMM Model to determine if existing cross-culverts with extensions would meet LADOTD design criteria.</p> <p><b>S.P. No. H.011152, I-12 Widening, US 190 to LA 59; LADOTD; St. Tammany Parish, LA</b> – Engineering Support. Assisted with the drainage design and hydraulics memorandum for all cross drains and bridges on I-12. Created hydraulic model of the existing and proposed drainage for all cross drains to determine if the existing structures were suitable or if they needed to be upgraded to meet hydraulic capacity.</p> <p><b>S.P. No. H.004113, I-12 to Bush: LA 3241, LA 435 to LA 40/41; LADOTD; St. Tammany Parish, LA</b> – Engineering Support. Assisted in the design for the hydrologic and hydraulic analysis for the bridge sites and box culverts along a new 5.5-mile, four-lane RA-3 roadway from LA 435 to Bush, LA.</p> <p><b>HRI Covington Trace Ridge Apartments; Impetus; St. Tammany Parish, LA</b> – Project Engineer. Civil site design including paving, site grading, stormwater drainage, water, sewer, and stormwater drainage study.</p> <p><b>Amazon Distribution Center; Scannell Properties, LLC; Carencro, LA</b> – Drainage Engineer. Paul provided engineering services for the 150-acre site design supporting the 1,080,000 square foot facility with 1,000 passenger vehicle parking spaces and 300 truck trailer stalls. This work included off-site road improvements, drainage design of site including 40 acres of detention ponds, on-site and off-site drainage modeling in SWMM, a no flood rise modeling in HEC-RAS, sewer design including five lift stations and a force main, site permitting, pavement design, and materials submittal reviews.</p> |

**TEC Professional Services Questionnaire**

**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name & Title:

**Clark Capone, PE, PMP**

*Sr. Project Manager*

Project Assignment:

Engineering Support

Name of Firm with which associated:



Years' experience with this Firm:

3 with this firm | 6 with other firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2013/Civil Engineering

Active registration: Year first registered/discipline:

LA PE 43455/2019/Civil

LA PMP 3370996/2022

Other experience and qualifications relevant to the proposed Project:

Clark is a licensed Professional Engineer & Project Manager responsible for the design and overall management and execution of various Civil Engineering related projects. Responsibilities include the overall management of projects and the design of Construction Plans and specifications. Clark is also responsible for client management, and internal leadership. Clark leads project teams by displaying high levels of engagement and character, and coordinates needed resources for projects. Clark is responsible for scheduling field associates and equipment through proper channels, and ensuring that those associates have the proper qualifications to work on project sites. He communicates continuously with project stakeholders to maintain direct involvement in technical aspects of projects.

**Project Experience**

**Labarre Road Widening; Jefferson Parish Government; Jefferson Parish, LA** – Project Manager & Engineer of Record. Clark produced stamped plans and specifications for the project. He designed all aspects of the project including roadway, drainage, utility, permanent striping, and pedestrian improvements. He managed all aspects of the project including subconsultants, construction contractor, resident inspection, budget, schedule, client interaction, contractual, and invoicing. Clark advanced the project through Public Bidding and provided construction administration.

**Lafreniere Park Healthtrak Reconstruction; Jefferson Parish Government; Jefferson Parish, LA** – Project Manager & Engineer of Record. Clark produced stamped plans and specifications for the project. He managed all aspects of the project including subconsultants, budget, schedule, client interaction, contractual, and invoicing. Advanced the project through Public Bidding and will provide construction administration.

**Eastbound West Esplanade Avenue Improvements; Jefferson Parish Government; Jefferson Parish, LA** – Project Manager & Engineer of Record. Clark designed all improvements for the project including roadway, drainage, water, and sewer. He managed all aspects of the project including subconsultants, budget, schedule, client interaction, contractual, and invoicing.

**Bayou Country Sports Park Valhi Connector; Terrebonne Parish Consolidated Government; Terrebonne Parish, LA** – Project Manager, Engineer of Record. Responsible for the design and project management of a new asphalt roadway. Coordinated and oversaw geotechnical and survey. Work included clearing/grubbing/striping, drainage, excavation & embankment, grading, concrete curb & gutter, asphalt roadway construction, striping, and signage. Advanced project through bidding phase.

**Audubon Group A; City of New Orleans; Orleans Parish, LA** – Project Manager, Project Engineer. Infrastructure improvements project (streets, water, sewer, & drainage). Responsible for the design and overall management of the project. Required management of several design consultants, multiple inspectors, and the construction contractor. Required coordination with S&WB and DPW. Funding for the project was through FEMA recovery roads program and included ADA settlement funding and waterline replacement through SWBNO. Advanced project through bidding phase.

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

**Will Bane, PE, MS**

*Lead Professional, Engineering*

Project Assignment:

QA/QC; Engineering Support

Name of Firm with which associated:



Years' experience with this Firm:

3 with this firm | 16 with other firms

Education: Degree(s)/Year/Specialization:

Master of Science/2005/Civil Engineering

Bachelor of Science/2003/Civil Engineering

Active registration: Year first registered/discipline:

LA PE 36709/2011/Civil

Other experience and qualifications relevant to the proposed Project:

Will has 19 years of experience in the design and construction of civil engineering projects. He has a successful history as a project manager, having managed multifaceted projects, including regional drainage projects, green infrastructure, water main improvements and sewer collection system improvements, street construction, site development, and flood protection projects. He has been a designer for sewer, water, and drainage projects from individual lots up to neighborhood scale. He has experience in design, construction estimates, scheduling, permitting, bidding, and construction administration. He has successfully executed many multifaceted projects, from problem identification to project completion. His experience includes large civil works for private developers and public municipalities.

**Project Experience**

**West Esplanade Avenue Restoration Eastbound (Transcontinental to Causeway); Jefferson Parish Government;**

**Jefferson Parish, LA** – Project Engineer. Responsible for the design of two-lane roadway reconstruction with concrete and asphalt sections. Multiple cross drains replaced and upgraded with connections to canal with outfall structures. Designed roadway replacement to maximize roadway comfort, cross-drain upgrades, sidewalk reconstruction, sidewalk drainage improvements and intersection upgrades.

**Bayou St. John Bridge Approaches; Flood Protection Authority-East; New Orleans, LA** – Lead Professional. Roadway reconstruction project to replace aging asphalt four-lane roadway. Asphalt had degraded over time and was past usable lifetime. Performed visual inspection, review of core samples and report, recommendation of reconstruction and design and production of Construction Plans. Solution required close coordination with client and design to fit within available budget. Asphalt removed and replaced and drainage upgrades added based on-site conditions.

**Blue and Green Corridors; City of New Orleans; Orleans Parish, LA** – Project Manager responsible for regional stormwater retention, drainage upgrades, streets, green infrastructure, and underground storage system for HUD funded project to reduce flooding, increase health outcomes, and economic revitalization in the Gentilly neighborhood. The project proposed improvements to the neutral grounds of major streets in Gentilly and creation of new civic spaces at seven city owned lots. Water elements were proposed to allow for public amenities and interaction while realizing stormwater benefits. Green infrastructure elements were included to recharge groundwater and reduce downstream capacity demands. A Benefit Cost Analysis justified the proposed project through flood reductions. The project required coordination between many City agencies, multiple sub consultants and offices including many disciplines. *(Previous Employer.)*

**St. Roch Recovery Roads; City of New Orleans; Orleans Parish, LA** – Project Manager responsible for design of street pavement assessment and replacement over regional area in St. Roch Neighborhood. The funding for the project was through FEMA recovery roads program and included ADA settlement funding and waterline replacement through SWBNO. The project determined location of pavement and sidewalks damaged during Hurricane Katrina. *(Previous Employer.)*

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**TJ Stokes, PE**

*Practice Leader, Transportation*

**Project Assignment:**

Subsurface Utility Engineering

**Name of Firm with which associated:**



**Years' experience with this Firm:**

3 with this firm | 12 with other firms

**Education: Degree(s)/Year/Specialization:**

Bachelor of Science/2009/Industrial Engineering

**Active registration: Year first registered/discipline:**

LA PE 40079/2015/Industrial

**Other experience and qualifications relevant to the proposed Project:**

TJ has over 15 years of experience in successfully managing numerous SUE projects, specializing in transportation and roadway projects. As the Lead Professional for Utility Engineering, he oversees completing LADOTD and MDOT retainer contracts and numerous other public and private client projects. He has a thorough knowledge of the Subsurface Utility Engineering standards listed in CI/ASCE Standard 38-02 and is familiar with all SUE technologies and equipment, including but not limited to ground penetrating radar (GPR), vacuum excavation, and numerous other types of geophysical locating equipment. He also has extensive experience managing and overseeing utility coordination and design projects.

**Project Experience**

**Move Ascension, LA 44 & Parker Roundabout, Subsurface Utility Engineering; Ascension Parish Government;**

**Ascension Parish, LA – Lead Professional.** Provided Subsurface Utility Engineering for the LA 44 & Parker Roundabout as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.

**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 service 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.

**Harrison Ave. Improvements (US 190 to LA 59); St. Tammany Parish Government; St. Tammany Parish, LA – Project Manager.** Responsible for all Subsurface Utility Engineering and Utility Coordination. Provided utility coordination review to support the design of the widening of Harrison Ave. from US 190 to LA 59 in Covington, LA for St. Tammany Parish. The improvements along Harrison Ave. include approximately 13,200 feet of roadway widening along existing alignment including the installation of a raised median, construction of single lane roundabouts at Marigold Drive and Falconer Drive and various features such as bulb outs and R-CUT intersection treatments.

**LADOTD-IDIQ SUE Services Statewide; LADOTD; Statewide, LA – Principal, Project Manager.** On various projects throughout the State, TJ performs project review, coordination, and tracking with LADOTD, GIS units, surveyors, CAD designers, and field staff/crews. He coordinates and attends utility meetings for discussions and management of projects with utility companies; coordinates SUE presentations; prepares updates and phased deliverables; reviews permits, contracts, daily time sheets, invoices, and financials; performs QA/QC methodology reviews; conducts weekly SUE meetings and project milestone reviews; coordinates property access and pipeline locations meetings; and reviews and conducts LADOTD ITS conflict meetings.

## TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:   |
|---|
| <b>Name &amp; Title:</b>  |
| <b>Marc Dunn, Jr., PE</b><br><i>Sr. Project Manager</i>   |
| <b>Project Assignment:</b>  |
| CE&I Lead   |
| <b>Name of Firm with which associated:</b>  |
|    |
| <b>Years' experience with this Firm:</b>  |
| <1 with this firm   13 with other firms   |
| <b>Education: Degree(s)/Year/Specialization:</b>  |
| Bachelor of Science/2015/Civil Engineering  |
| <b>Active registration: Year first registered/discipline:</b>   |
| LA PE 43705/2019/Civil  |
| <b>Other experience and qualifications relevant to the proposed Project:</b>  |
| <p>Marc is a Project Engineer with over 13 years of experience focusing on construction inspection and quality control for various projects, including transportation projects. He has successfully completed over 40 projects to date and was involved in more than 20 projects with the East Baton Rouge Road Rehabilitation Program. His experience includes project management and estimation, requests for information, change order development, construction and design of road and bridge projects for local municipalities and governmental agencies, management of inspectors and construction staff, and development of QA/QC plans. He is adept in addressing design and construction challenges by devising and executing effective solutions. He has monitored the installation of materials and equipment for compliance with drawings and specifications while completing daily construction tasks to provide safe working conditions, stay on budget, and meet project deadlines. He reviews and provides recommendations to improve design, construction methods, and materials based on field or changing project conditions. He performs constructability reviews encompassing independent, structured assessments of construction bid documents for the client's efficiency and budgetary concerns. Marc maintains the ATSSA Traffic Control Supervisor (TCS) and Flagger certifications.</p> <p><b>Project Experience</b></p> <p><b>Loyola Dr./ Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA) Design-Build Project; LADOTD; Jefferson Parish, LA</b> — Assistant Project Engineer. Marc is providing all necessary engineering &amp; related services for Design-Build Construction Support Services for the administration of the Design-Build contract on behalf of LADOTD, along with managing the implementation of the Project's Construction Quality Assurance Program (CQAP). Mr. Dunn is overseeing the inspectors performing owner verification and the QC firm on the daily field operations. He assists the Project Engineer on design review meetings and field operations.</p> <p><b>West Larose Vertical Lift Bridge Rehabilitation; LADOTD; Lafourche Parish, LA</b> — Assistant Project Engineer. The rehabilitations of the West Larose Bridge. The project includes a new fender system construction, removal of the existing paint system and repainting, structural repairs and bolt replacement, and rehabilitation of the electrical and mechanical systems.</p> <p><b>Baton Rouge ITS Deployment Phase 3; LADOTD; East Baton Rouge Parish, LA</b> — Assistant Project Engineer. The project consisted of construction and integration of five (5) new DMS sites, ten (10) new CCTV sites, one (1) new hub site, thirty (30) Bluetooth Vehicle Detectors (combined with new and existing sites), and five (5) miles of new fiber optic build-out, conduit, and associated pullboxes.</p> <p><b>LA 30 Roundabouts at Tanger Mall and I-10; LADOTD; Ascension Parish, LA</b> — Project Engineer. Construction of 3 roundabouts at the intersection of LA 30 and Interstate 10 in Gonzales, LA near Tanger Mall.</p> |

## TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:  |
|--|
| <b>Name &amp; Title:</b>   |
| <b>Philip Chauvin</b><br><i>Sr. Construction Manager</i>   |
| <b>Project Assignment:</b>   |
| Construction Administration  |
| <b>Name of Firm with which associated:</b>   |
|   |
| <b>Years' experience with this Firm:</b>   |
| 18 with this firm   11 with other firms  |
| <b>Education: Degree(s)/Year/Specialization:</b>   |
| Bachelor of Science/1995/Construction Management   |
| <b>Active registration: Year first registered/discipline:</b>  |
| N/A  |
| <b>Other experience and qualifications relevant to the proposed Project:</b>   |
| <p>Philip has spent his career in construction management. His experience includes coordinating construction projects to ensure they are built to specifications. He also takes part in pre-bid site visits. Philip has the overall responsibility for the quality of construction projects for which TBS is providing construction administration and management. He supervises the TBS construction project representatives and provides technical support to them.</p> <p><b>Project Experience</b><br/> <b>Eastbound West Esplanade Avenue Restoration (Tartan Drive to Haring Road); Jefferson Parish Government; Metairie, LA</b> – Senior Construction Manager. Supervised the construction administration, management, and on-site inspection to rehabilitate a ½-mile section of West Esplanade Avenue. He supervised the technical effort of the fulltime construction inspectors subcontracted through Hartman Engineering. He monitored the staffing and scope of the construction services provided for the owner on site; reviewed submittals and RFIs related to the construction of the roadway and drainage structures for compliance with the plans, specifications, and applicable design guidelines; organized and led preconstruction and monthly progress meetings to monitor construction progress to keep the owner informed; made site visits and offered guidance when technical difficulties with certain construction activities; and coordinated with contractors, the owner's representatives, and other technical personnel to enable the roadway and drainage structures to be constructed according to the contract documents and within time limitations and budget.</p> <p><b>S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James &amp; Lafourche Parishes, LA</b> – Senior Construction Manager. Issued notice to proceed, attended and facilitated pre-construction conference, review and comment on project submittals, review and recommend pay estimates, project site visits as required, and attended and facilitated substantial completion inspections and generated punch list.</p> <p><b>MA-17-02, Roddy Road Widening (LA 935 to LA 621); Ascension Parish Government; Ascension Parish, LA</b> – Senior Construction Manager. Project plans were thoroughly reviewed, with a focus on value engineering and constructability analysis.</p> <p><b>Bayou St. John Bridge – Asphalt Roadway; Flood Protection Authority – East; New Orleans, LA</b> – Senior Construction Manager. This project entailed the evaluation of the existing asphalt pavement on Lakeshore Drive in the approaches to the bridge over Bayou St. John. Philip attended and facilitated the pre-bid meeting with owner, assisted in issuance of addendum, and review of bid documents.</p> <p><b>Grand Isle Roadway Improvements; Town of Grand Isle; Jefferson Parish, LA</b> – Construction Manager. Provided construction project administration and onsite monitoring for the 20-mile roadway project to reconstruct all roads in Grand Isle, LA.</p> |

## TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:   |
|---|
| <b>Name &amp; Title:</b>  |
| <b>Lisa Osborne</b><br><i>Sr. Project Designer</i>  |
| <b>Project Assignment:</b>  |
| Roadway Designer/Project Designer   |
| <b>Name of Firm with which associated:</b>  |
|    |
| <b>Years' experience with this Firm:</b>  |
| 10 with this firm   33 with other firms   |
| <b>Education: Degree(s)/Year/Specialization:</b>  |
| N/A   |
| <b>Active registration: Year first registered/discipline:</b>   |
| N/A   |
| <b>Other experience and qualifications relevant to the proposed Project:</b>  |
| <p>Lisa is a senior project designer at TBS with over 40 years of CAD experience in civil, transportation, structural, and mechanical engineering. She has extensive experience using MicroStation and Autocad for civil, roadway, and structural projects. Lisa is experienced in using InRoads for developing horizontal and vertical alignments including generating templates to develop roadway sections and earthwork quantities. She utilizes InSurvey for importing survey features into the design model and to develop the existing surface. She has prepared complete set of drawings for construction on numerous civil and structural projects. She has completed the CAD conform training provided by LADOTD and is proficient in LADOTD's standards of roadway plan preparation. She is skilled in all current versions of Microstation and Autocad and has completed a 40-hour program for ArcGis through Penn State Online Courses.</p> <p><b>Project Experience</b></p> <p><b>West Esplanade Avenue Restoration Eastbound, Tartan Drive To Haring Road; Jefferson Parish Government; Jefferson Parish, LA</b> – Senior Project Designer. Developed the horizontal and vertical geometry as per the design engineer specifications. Created all necessary documents for this project including typical sections, plan and profile, joint layout, subsurface drainage and graphical grades.</p> <p><b>David Drive Corridor Improvements, West Napoleon Avenue to Veterans Boulevard; Jefferson Parish Government; Jefferson Parish, LA</b> – Senior Project Designer. Developed Civil3d plans for the design drainage along the corridor. Verified capacity and flows for the drainage system for the engineer. Prepared all associated plans including details for the submittal.</p> <p><b>Labarre Road Widening, Airline Drive to Loumor Street; Jefferson Parish Government; Jefferson Parish, LA</b> – Senior Project Designer. Prepared preliminary design for roadway widening including permanent striping and signs and develop quantities. Prepared all necessary plans for the submittal.</p> <p><b>I-12 to Bush: LA 3241, LA 435 to LA 40/41; LADOTD; St. Tammany Parish, LA</b> – Senior Project Designer. Performed topographic survey data processing and deliverable preparation, roadway designer activities including roadway corridor modeling of roadway surface, open ditches, median cross overs and intersections utilizing Inroads and roadway plan production for the new 5.5-mile, four-lane RA-3 roadway from LA 435 to Bush, LA.</p> <p><b>I-12, US 190 to LA 59; LADOTD; St. Tammany Parish, LA</b> – Senior Project Designer. Assisted with roadway geometric design including H&amp;V alignments, performed advanced roadway design modeling including complete corridor modeling using Microstation/Inroads, modeling of median barriers, transitions, all cross sectional roadway elements, open ditches and interchange elements, modeling of construction phasing for Level 4 Traffic Management Plans, prepared roadway plans using Microstation, Inroads, CADConform and ControlCAD for the four-mile widening and reconstruction of Interstate 12 in Covington, LA.</p> |

**TEC Professional Services Questionnaire**

| <b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>                     |   |
|--|---|
| <b>Name &amp; Title:</b>   | <b>Katie Anders</b><br><i>Project Designer</i>  |
| <b>Project Assignment:</b>   | Sr. Project Technician  |
| <b>Name of Firm with which associated:</b>                                   |    |
| <b>Years' experience with this Firm:</b>                                     | 7 with this firm   3 with other firms   |
| <b>Education: Degree(s)/Year/Specialization:</b>                             | Associate of Science/2014/Drafting & Design   |
| <b>Active registration: Year first registered/discipline:</b>                | N/A   |
| <b>Other experience and qualifications relevant to the proposed Project:</b> | <p>Katie is a senior project technician at TBS with 10 years of experience in drafting and design. She provides technical support by calculating, analyzing, organizing, coordinating, and researching information, preparing drawings, and generally assisting with other tasks necessary to complete the project. Her essential functions include the following: review, analyze, and reduce raw data from field operations; prepare designs, drawings, and calculations for the project; preparing deliverables as directed; completing work according to the project schedule; assisting other project teams or departments with technical, field, or other duties as needed or requested; and performing additional duties as assigned or expected to ensure that value is being added to all projects by exceeding clients' expectations.</p> <p><b>Project Experience</b></p> <p><b>Labarre Road Widening, Airline Drive to Loumor Street; Jefferson Parish Government; Jefferson Parish, LA</b> – Sr. Project Technician. Prepared preliminary design for roadway widening including permanent striping and signs and develop quantities. Prepared all necessary plans for the submittal.</p> <p><b>Lafreniere Park Healthtrak Reconstruction; Jefferson Parish Government; Jefferson Parish, LA</b> – Sr. Project Technician. Katie was responsible for preparing construction plans and technical specifications. She provided start to finish support for the engineering team.</p> <p><b>West Esplanade Avenue Restoration Eastbound, Tartan Drive To Haring Road; Jefferson Parish Government; Jefferson Parish, LA</b> – Sr. Project Technician. Provided drafting and design assistance for detailed construction plans and technical specifications in accordance with LADOTD criteria. The plans included locations of all utilities affected, and ownership and taking lines of rights-of-way where required.</p> <p><b>Causeway Area Waterline Improvements; Jefferson Parish Government; Jefferson Parish, LA</b> – Sr. Project Technician. Responsible for providing drafting and design assistance for the design of a waterline along the Causeway area waterline. Performing design of horizontal and vertical alignment of the proposed waterline.</p> <p><b>Jefferson Hwy. Waterline Replacement; Jefferson Parish Government; Jefferson Parish, LA</b> – Sr. Project Technician. Responsible for providing drafting and design assistance for the design of a waterline along the Jefferson Hwy. area waterline replacement. Performing design of horizontal and vertical alignment of the proposed waterline.</p> |

**TEC Professional Services Questionnaire**

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

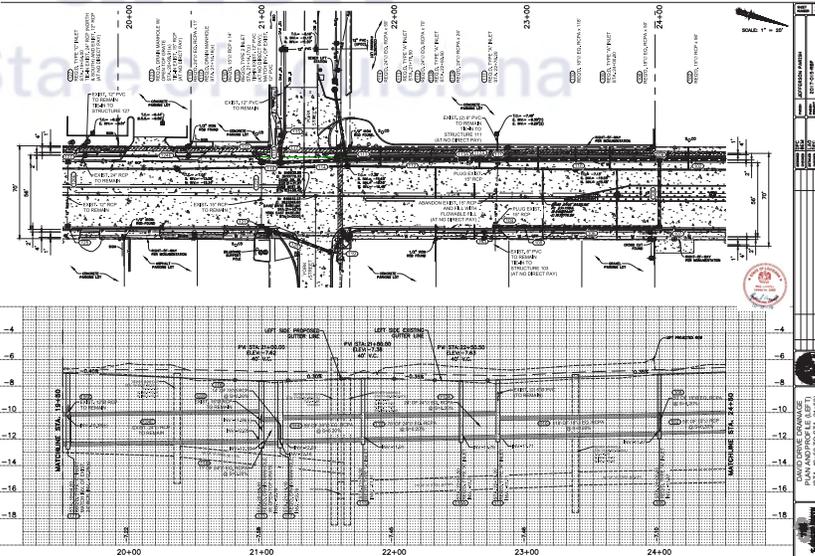
**PROJECT NO. 1**

| Project Name, Location and Owner's contact information:   | Nature of Firm's Responsibility:  |  |
|---|---|--|
| <p><b>2017-032-RBP, Eastbound West Esplanade Avenue Restoration, Tartan Drive to Haring Rd Jefferson Parish, LA</b></p> <p>Jefferson Parish<br/>Public Works Department<br/>Mark Drewes, PE, Director<br/>1221 Elmwood Pk. Blvd., Suite 904<br/>Jefferson, LA 70123<br/>504.736.6500</p>    | <p>The eastbound lanes of West Esplanade Avenue between Tartan Drive and Haring Road were in less-than-desirable condition due to general wear and tear, various patch repairs, and the roadway's overall age. Jefferson Parish contracted TBS to restore and rehabilitate the roadway to like-new condition. TBS completed the improvements' design and coordinated the project's public bid in collaboration with the Road Bond Program Manager and Jefferson Parish. TBS provided construction administration services throughout the construction and closeout of the project, as well as resident inspection services through a sub-consultant. TBS completed record drawings and assisted the Parish and Road Bond Program Manager with final project closeout tasks.</p> <p>The project not only focused on the technical aspects but also on the community's needs. In addition to designing the general removal and replacement of 9-inch concrete along the half-mile roadway segment, the project included roadway profile adjustments to optimize driver comfort, upgrade of three cross drains to 42-inch RCP, heavy-duty curbing, adjustment of various catch basins and manholes, ADA compliant curb ramps and sidewalk improvements, driveway removal and replacement, median drainage improvements, and relocation of street lighting. These improvements were designed with the community in mind, aiming to enhance the residents' daily lives and ensure their safety and comfort.</p> <p>TBS also performed the site's topographic survey and coordinated with the Jefferson Parish Engineering Department, which designed significant waterline improvements as part of the project.</p> <p><b>Services Provided:</b></p> <ul style="list-style-type: none"> <li>• Topographic Survey</li> <li>• Construction Cost Estimating</li> <li>• Design of Full Roadway Reconstruction (Concrete and Asphalt Paving)</li> <li>• Design of Drainage Improvements (Small and Large Diameter RCP)</li> <li>• Utility Coordination</li> <li>• Coordination of Public Bidding</li> <li>• Construction Administration</li> <li>• Resident Inspection (via sub-consultant)</li> <li>• Record Drawings</li> </ul> |  |
| <p align="center">Completion Date<br/>(Actual or estimated):</p>  | <p align="center"><b>Estimated Cost:</b></p>  |  |
|   | <p align="center">Entire Project:</p>   | <p align="center">Work for which Firm was Responsible:</p> |
| <p align="center">2019 (actual)</p>   | <p align="center">\$2,077,645</p>   | <p align="center">\$2,077,645</p>                          |

**TEC Professional Services Questionnaire**

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

**PROJECT NO. 2**

| Project Name, Location and Owner's contact information:   | Nature of Firm's Responsibility:  |  |                 |                                      |             |             |
|---|---|--|-----------------|--------------------------------------|-------------|-------------|
| <p><b>2017-015-RBP, David Drive Corridor Improvements, West Napoleon Avenue to Veterans Boulevard Jefferson Parish, LA</b></p> <p>Jefferson Parish<br/>Public Works Department<br/>Mark Drewes, PE, Director<br/>1221 Elmwood Pk. Blvd., Suite 904<br/>Jefferson, LA 70123<br/>504.736.6500</p> | <p>Jefferson Parish selected TBS as a sub-consultant to Digital Engineering &amp; Imaging Inc. for the David Drive Corridor Improvements (West Napoleon Avenue to Veterans Boulevard).</p> <p>TBS was responsible for all tasks for the Drainage Design associated with the project, including the design of the required roadway drainage collection system and subsurface drainage system, sizing and locating the required system, drainage layout plan, drainage plan/profile drawings utilizing the improved conditions prepared by the prime consultant, existing drainage map, proposed drainage map, hydraulics report, summary of drainage structures, specifications for non-standard items, outfall tie-in design for Soniat Canal structural wall, quantity takeoffs and cost estimate. The final design is complete, and the project is currently under construction.</p> <p><b>Services Provided:</b></p> <ul style="list-style-type: none"> <li>Hydraulic Design and Reporting</li> <li>Storm Drainage System Design</li> <li>Canal Wall Structural Tie-in Design</li> <li>Construction Cost Estimating</li> <li>Specifications for Non-standard Items</li> </ul>  |  |                 |                                      |             |             |
| <p>Completion Date (Actual or estimated):</p> <p align="center">2022 (actual)</p>   | <p align="center"><b>Estimated Cost:</b></p> <table border="1"> <thead> <tr> <th data-bbox="597 1827 1076 1911">Entire Project:</th> <th data-bbox="1076 1827 1528 1911">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td align="center" data-bbox="597 1911 1076 1995">\$7,200,000</td> <td align="center" data-bbox="1076 1911 1528 1995">\$1,400,000</td> </tr> </tbody> </table>   |  | Entire Project: | Work for which Firm was Responsible: | \$7,200,000 | \$1,400,000 |
| Entire Project:   | Work for which Firm was Responsible:  |  |                 |                                      |             |             |
| \$7,200,000   | \$1,400,000   |  |                 |                                      |             |             |

**TEC Professional Services Questionnaire**

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

**PROJECT NO. 3**

| Project Name, Location and Owner's contact information:  | Nature of Firm's Responsibility:   |  |                 |                                      |           |           |
|--|--|--|-----------------|--------------------------------------|-----------|-----------|
| <p><b>2017-020-RBP, Labarre Road Widening, Airline Dr. to Loumor St. Jefferson Parish, LA</b></p> <p>Jefferson Parish<br/>Public Works Department<br/>Mark Drewes, PE, Director<br/>1221 Elmwood Pk. Blvd., Suite 904<br/>Jefferson, LA 70123<br/>504.736.6500</p> | <p>Labarre Road is heavily congested due to two major traffic – generating business areas on each side of the roadway. Jefferson Parish personnel decided to alleviate traffic congestion between Airline Highway and Manley Avenue by adding dedicated turn lanes, specifically aiming to add an additional turn lane on Labarre Road.</p> <p>TBS performed all design and construction administration for the project which included roadway widening, utility relocation &amp; coordination, waterline design, drainage modifications, curb &amp; gutter, sidewalk, driveway, mill &amp; overlay, and striping layout.</p> <p>TBS conducted a topographic survey of Labarre Road, from the northern apparent right of way of Airline Drive to the southern apparent right of way of the railroad tracks, surveying from the back of curb on the western side of Labarre Rd. and to the back of the sidewalk on the eastern side of Labarre Road.</p> <p>TBS coordinated the project through the LA Public Bid process and contract award. During construction, TBS provided construction administration and project close out. TBS produced record drawings once construction was completed.</p> <p><b>Services Provided:</b></p> <ul style="list-style-type: none"> <li>• Topographic Survey</li> <li>• Construction Cost Estimating</li> <li>• Engineering Design</li> <li>• Utility Coordination &amp; Relocation</li> <li>• Plans and Specifications</li> <li>• Coordination of Public Bidding</li> <li>• Construction Administration</li> <li>• Record Drawings</li> </ul> |  |                 |                                      |           |           |
|   |    |  |                 |                                      |           |           |
| <p align="center"><b>Completion Date<br/>(Actual or estimated):</b></p> <p align="center">2023 (actual)</p>  | <p align="center"><b>Estimated Cost:</b></p> <table border="1" data-bbox="565 1875 1537 1999"> <thead> <tr> <th data-bbox="565 1875 1045 1959">Entire Project:</th> <th data-bbox="1045 1875 1537 1959">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td align="center">\$986,000</td> <td align="center">\$986,000</td> </tr> </tbody> </table>  |  | Entire Project: | Work for which Firm was Responsible: | \$986,000 | \$986,000 |
| Entire Project:  | Work for which Firm was Responsible:   |  |                 |                                      |           |           |
| \$986,000  | \$986,000  |  |                 |                                      |           |           |

**TEC Professional Services Questionnaire**

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

**PROJECT NO. 4**

| Project Name, Location and Owner's contact information:   | Nature of Firm's Responsibility:   |  |                 |                                      |              |              |
|---|--|--|-----------------|--------------------------------------|--------------|--------------|
| <p><b>Rural Bridge Replacement Phases I &amp; II Statewide, LA</b></p> <p>LADOTD<br/>                     Valerie Tourres, PE<br/>                     1201 Capitol Access Rd.<br/>                     Baton Rouge, LA 70802<br/>                     225.379.1047</p>   | <p>As part of an overall effort by LADOTD to reduce the amount of structurally deficient bridges throughout the state as part of meeting FHWA metrics, LADOTD contracted TBS for the Rural Bridge Replacement Initiative, Phase I and Phase II projects, which replaced 87 bridge structures in 14 Parishes, primarily in North &amp; Central Louisiana.</p> <p>The consultant contract was a complete turnkey project, and as the Prime Consultant, TBS is responsible for nearly all contract services, including inspection, surveying, ROW, Preliminary and final bridge plans, preliminary and final roadway plans, construction services, scour analysis, hydraulic analysis, load rating and permanent signing for all 87 structures. TBS coordinates geotechnical investigation and design using sub-consultants. The replacement structures include box culverts, Reinforced Concrete Slab Spans, and Louisiana Girder (LG) span bridges on PPC piles having clear widths ranging from 24' to 40' wide.</p> <p>TBS also manages and delivers this extensive project by issuing twenty-seven (27) individual and concurrent State Project Numbers/Plan sets. Phase I, which includes 47 bridge structures, was expedited short of a typical 3-4 year timeline for this extensive scope of work, and LADOTD was scheduled to let all bridge structures during Federal FY 22-23. Therefore, replacement plans for all 47 bridge sites were due within 21 months, including surveying, geotechnical, design, and plan development. Even with this extremely aggressive schedule, TBS met its initial commitment and delivered Final Plans on 15 out of 15 of the state projects by June 2022. Phase II, which includes 40 bridge structures, is ongoing, with over half of the state projects being submitted as of May, 2024.</p>  |  |                 |                                      |              |              |
| <p align="center">Completion Date<br/>(Actual or estimated):</p> <p align="center">2025 (estimated)</p>   | <p align="center">Estimated Cost:</p> <table border="1" data-bbox="570 1885 1533 2003"> <thead> <tr> <th data-bbox="570 1885 1045 1969">Entire Project:</th> <th data-bbox="1050 1885 1533 1969">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td align="center" data-bbox="570 1969 1045 2003">\$14,404,765</td> <td align="center" data-bbox="1050 1969 1533 2003">\$14,404,765</td> </tr> </tbody> </table>  |  | Entire Project: | Work for which Firm was Responsible: | \$14,404,765 | \$14,404,765 |
| Entire Project:   | Work for which Firm was Responsible:   |  |                 |                                      |              |              |
| \$14,404,765  | \$14,404,765   |  |                 |                                      |              |              |

**TEC Professional Services Questionnaire**

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

**PROJECT NO. 5**

| Project Name, Location and Owner's contact information:  | Nature of Firm's Responsibility:   |                                      |
|--|--|--------------------------------------|
| <p><b>I-10/Loyola Interchange Improvements Jefferson Parish, LA</b></p> <p>LADOTD<br/>Timothy Nickel, PE<br/>P.O. Box 94245<br/>Baton Rouge, LA 70804<br/>225.379.1110</p>   | <p>Upon completion, the I-10/Loyola Interchange in Jefferson Parish became the primary access point to new north terminal currently under construction at Louis Armstrong New Orleans International Airport (MSY) in Kenner, LA. In order to accommodate this major change in traffic patterns in and out of the airport, an Interchange Modification Report (IMR) was prepared to determine alternatives for the modification of the interchange. As the IMR progressed to a point where the Interchange alternatives were developed conceptually, the Environmental Assessment (EA) began in November, 2017. The EA included consideration of various interchange types for the improvement to the existing tight urban diamond interchange such as directional fly-over ramps, partial cloverleaf, diverging diamond (DDI) and single-point urban interchange (SPUI) for the at grade portions below the existing I-10 twin bridges over Loyola Drive.</p> <p>As part of the EA, TBS performed wetland delineations and T&amp;E surveys for the entire study area which included I-10 from the I-310/I-10 interchange to the I-10/Williams Interchange and portions of Loyola Dr. from Incarnate Word Dr. to the MSY property. The EA considered three Build Alternatives which included directional fly-over ramps to provide uninterrupted access to the MSY North Terminal. During the alternative analysis, detailed preliminary design of the project's bridges and roadway elements were prepared by TBS as part of the Line and Grade Analysis and Report. TBS, as a subconsultant to Urban Systems, Inc. served as the lead firm for the development of the EA document and associated technical reports.</p> <p>The Finding of No Significant Impact (FONSI) was issued by the FHWA in December 2018 marking a 13-month period from NTP to FONSI for this mega project.</p> <p>Subsequent to the FONSI, TBS began permit drawing preparation for use by LADOTD to acquire permits from the USACE (Section 404), LADNR, the FAA and other jurisdictional agencies. TBS' scope of services was complete in March 2019.</p> |                                      |
| Completion Date (Actual or estimated):   | Estimated Cost:  |                                      |
| 2019 (actual)  | Entire Project:  | Work for which Firm was Responsible: |
|  | \$125,000,000  | \$688,000 (fees)                     |

**TEC Professional Services Questionnaire**

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

**PROJECT NO. 6**

| Project Name, Location and Owner's contact information:  | Nature of Firm's Responsibility:   |                                      |
|--|--|--------------------------------------|
| <p><b>I-12 Widening<br/>(US 190 to LA 59)<br/>St. Tammany Parish, LA</b></p> <p>LADOTD<br/>Loong Shen Tsai, PE<br/>1201 Capitol Access Rd.<br/>Baton Rouge, LA 70802<br/>225.379.1477</p>  | <p>The I-12 Widening project consisted of approximately four miles of Interstate widening in St. Tammany Parish. The project included three lanes in both the Westbound and Eastbound directions, with associated bridge widening and remedial work at the interchange ramps. The project began West of the I-12/US 190 interchange and ended at the I-12/LA 59 interchange. Included within these limits were four bridge sites for a total of eight structures including I-12 over US 190, I-12 over Pontchitalawa Creek, I-12 over Tammany Trace/Ohio Railroad and I-12 over LA 59. The I-12 bridges over US 190 vary in length from 679' to 688', vary in width from 39'-6" to 63'-6" and consisted of AASHTO Type II and Type IV Prestressed Concrete girders set on column bents, founded on timber piles.</p> <p>The I-12 over Pontchitalawa Creek bridges span 175' in length and include 25' reinforced concrete slab spans. I-12 over Tammany Trace (old Gulf, Mobile &amp; Ohio Railroad) consists of AASHTO Type III prestressed girders founded on 30" PPC pile bents. The Tammany Trace bridges consist of varying skews due to the varying alignments of the Railroad and a borrow canal. Lastly, the I-12 bridges over LA 59 consist of 60" web depth steel plate girders varying in span length from 62' to 123'-1", set on column bents, founded on timber piles. Portions of the Interstate include varying median widths with forested areas. The existing surface is asphalt concrete and the widening section will include Open Graded Friction Course wearing surfaces.</p> <p>TBS served as the prime consultant on this project and was responsible for all roadway design aspects including interstate widening &amp; reconstruction, drainage design, H&amp;V geometric layout, 54-inch concrete median barrier design, permanent interstate signage, coordination for roadway lighting and ITS. Portions of the roadway require complete reconstruction to meet vertical geometric requirements at bridge approaches. TBS was also responsible for the design of the bridge widening for the Pontchitalawa Creek and Tammany Trace bridges including TS&amp;L, partial bridge demolition, foundation layout, substructure design, AASHTO Type III prestressed girder design (on varying span skews), Load Rating (LRFR) for the existing and widened structures utilizing AASHTOWare BrR (Virtis). TBS was also responsible for the Level 4 Traffic Management Plans. TBS completed 100% Final Plans and the project is currently under construction.</p> <p align="center"><b><i>The project schedule was accelerated and final plans were completed in 5 months.</i></b></p> |                                      |
| Completion Date (Actual or estimated):   | Estimated Cost:  |                                      |
| 2023 (actual)  | Entire Project:  | Work for which Firm was Responsible: |
|  | \$55,500,000   | \$54,508,000                         |

**TEC Professional Services Questionnaire**

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

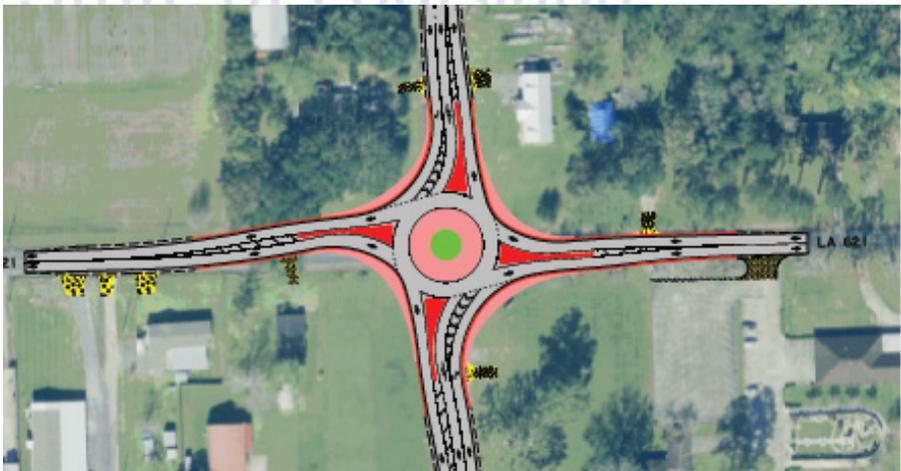
**PROJECT NO. 7**

| Project Name, Location and Owner's contact information:   | Nature of Firm's Responsibility:  |   |
|---|---|---|
| <p><b>US 190: LA 437 to US 190 BUS (Ph. 1)</b><br/> <b>St. Tammany Parish, LA</b></p> <p>LADOTD<br/>                     Corey Landry, PE<br/>                     1201 Capitol Access Rd.<br/>                     Baton Rouge, LA 70802<br/>                     225.379.1889</p>  | <p>Phase 1 of the US 190 widening from LA 437 to US 190 BUS involves asymmetrical urban roadway widening and the design of a new 1,400' long bridge over the Bogue Falaya River to increase the capacity of US 190 from two lanes to four lanes beginning at LA 437 (N. Lee Rd.) and ending at US 190 BUS on the south side of the Bogue Falaya River in Covington, LA. Currently, US 190 transitions from four lanes to two lanes to cross the Bogue Falaya River just north of US 190 BUS. The roadway is classified as an Urban Arterial with right of way access and is in a heavily commercial use corridor. Phase 1 design also accommodates future Phases 2, 2a and 3 of the project which includes up to 10 multi-lane roundabouts along the corridor to replace existing signalized intersections. The Phase 1 bridge over the Bogue Falaya River will accommodate future ramps from the LA 21 &amp; US 190 BUS roundabouts onto US 190 westbound. In Phase 3, the existing steel W-beam girder bridge will be replaced with a bridge similar to Phase 1.</p> <p>The Phase 1 bridge over the Bogue Falaya River is designed with a clear width of 54 feet (3-12' lanes, 8' and 10' shoulders) and a total length of 1,400 feet. The bridge utilizes LG-36 and LG 54 girders on column bents and incorporates all current BDEM Rev. 8 requirements for deck link slabs (floating spans). The new Phase 1 bridge spans LA 21, the Tammany Trace bike trail and the Bogue Falaya River. The bridge includes both horizontal and vertical curvature and is superelevated near 4%. The roadway widening occurs to the east side of US 190 and is in superelevation for the majority of the project. Raised concrete splitter and channelization islands are designed throughout the project including directional U-turns in the median and at left turn lanes at the signalized intersections of Village Walk and LA 437. Roadway widening design includes varying width roadway sections, varying height PGL's from eastbound to westbound sides due to horizontal curvature and superelevation swapping. Other design elements include subsurface storm drainage, commercial drives, traffic management plans and utility conflict matrix development and utility management. Geotechnical explorations were taken in the Bogue Falaya river and along the alignment of the roadway widening.</p> <p>TBS completed and submitted 100% Final Plans and Right of Way maps to LADOTD in February 2022. The project is currently under construction and is scheduled to be complete in June 2025..</p> |   |
| <p align="center"><b>Completion Date (Actual or estimated):</b></p>   | <p align="center"><b>Estimated Cost:</b></p>  |   |
| <p align="center">2025 (estimated)</p>  | <p align="center"><b>Entire Project:</b></p>  | <p align="center"><b>Work for which Firm was Responsible:</b></p> |
| <p align="center">2025 (estimated)</p>  | <p align="center">\$32,718,500</p>  | <p align="center">\$31,918,500</p>                                |

**TEC Professional Services Questionnaire**

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

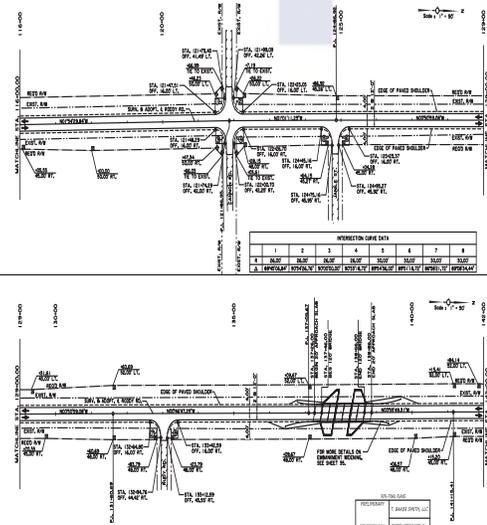
**PROJECT NO. 8**

| Project Name, Location and Owner's contact information:  | Nature of Firm's Responsibility:  |                                      |
|--|---|--------------------------------------|
| <p><b>Roddy Road Roundabout - LA 621 at Roddy Road Ascension Parish, LA</b></p> <p>Ascension Parish Government<br/>Daniel Helms<br/>42077 Churchpoint Rd<br/>Gonzales, LA 70737<br/>225.450.1320</p> | <p>As part of Ascension Parish's Move Ascension Transportation Program, TBS was selected as the prime consultant for the LA 621 at Roddy Rd at LA 621 roundabout project.</p> <p>This project includes the replacement of a stop controlled intersection with a single-lane urban roundabout. TBS is responsible for all roadway design elements to be in accordance with LADOTD's Roadway Design Manual geometric requirements. Minimizing utility and right-of-way impacts was a crucial part of the placement of the roundabout. Critical to the construction of the project is to maintain traffic on LA 621. This project will also include exclusive right turn only lanes in the northbound and southbound directions of travel to accommodate heavy turning movements.</p> <p>TBS is the prime consultant on this project and is responsible for all of the roadway design aspects including the horizontal and vertical alignments, geometric layouts, drainage design, roundabout grading, and pavement marking and permanent signing layout design. TBS is also responsible for all roadway and roundabout modeling aspects including cross sections and earthwork quantity determination. TBS' scope also included topographic survey, Subsurface Utility Engineering (Quality Levels D-A), utility relocation coordination, and bidding assistance. TBS has prepared 95% Final Plans for submittal.</p>  |                                      |
| Completion Date (Actual or estimated):   | Estimated Cost:   |                                      |
| 2024 (estimated)   | Entire Project:   | Work for which Firm was Responsible: |
|  | \$3,350,00 (estimated)  | \$546,686 (fees)                     |

**TEC Professional Services Questionnaire**

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

**PROJECT NO. 9**

| Project Name, Location and Owner's contact information:   | Nature of Firm's Responsibility:   |  |                        |   |                          |                  |
|---|--|--|------------------------|---|--------------------------|------------------|
| <p><b>Roddy Road Widening<br/>Ascension Parish, LA</b></p> <p>Ascension Parish Government<br/>Daniel Helms<br/>42077 Churchpoint Rd<br/>Gonzales, LA 70737<br/>225.450.1320</p>  | <p>As part of Ascension Parish's Move Ascension Transportation Program, TBS 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 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 existing pavement and base. As a part of the overall design, TBS provided intersection design for four intersections through the project length, including one state highway intersection at LA 934 which was designed as a four-way stop.</p> <p>TBS is the prime consultant on this project and is responsible for all roadway design aspects including intersection design, widening &amp; reconstruction, drainage design, horizontal and vertical geometric layout, pavement design, intersection grading, and pavement marking and permanent signing layout design. TBS is also responsible for all bridge design including superstructure, substructure and approach slab elements. 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 submitted 95% Final Plans on 6/2018, and at the Parish's direction, is currently awaiting the relocation of utilities prior to finalizing the 100% Final set.</p> <p>TBS also prepared a set of Clearing and Grubbing plans for the Parish to bid via a separate package, allowing the Parish to mobilize the various utility owners in within the project limits to relocate their utilities in conflict. TTBS assisted Ascension Parish Government with the bidding process, including drafting the invitation to bidders, issuance of addendum, and recommendation of low bidder.</p> |  |                        |   |                          |                  |
| <p><b>Completion Date<br/>(Actual or estimated):</b></p> <p align="center">2018 (actual)</p>  | <p align="center"><b>Estimated Cost:</b></p> <table border="1"> <tr> <td data-bbox="602 1843 1084 1921"><b>Entire Project:</b></td> <td data-bbox="1084 1843 1537 1921"><b>Work for which Firm was Responsible:</b></td> </tr> <tr> <td align="center">\$10,000,000 (estimated)</td> <td align="center">\$680,020 (fees)</td> </tr> </table>   |  | <b>Entire Project:</b> | <b>Work for which Firm was Responsible:</b> | \$10,000,000 (estimated) | \$680,020 (fees) |
| <b>Entire Project:</b>  | <b>Work for which Firm was Responsible:</b>  |  |                        |   |                          |                  |
| \$10,000,000 (estimated)  | \$680,020 (fees)   |  |                        |   |                          |                  |

**TEC Professional Services Questionnaire**

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

**PROJECT NO. 10**

| Project Name, Location and Owner's contact information:   | Nature of Firm's Responsibility:  |  |
|---|---|--|
| <p><b>Calcasieu River Bridge SUE Calcasieu Parish, LA</b></p> <p>Ascension Parish Government<br/> Michael Enlow<br/> 42077 Churchpoint Rd<br/> Gonzales, LA 70737<br/> 225.450.1326</p> | <p>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 and Utility Coordination 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.</p> <p>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 was not a finished design to determine conflicts. A new process and precedent needed to be set to accomplish the goals posed by LADOTD.</p>  |  |
| <p>Completion Date (Actual or estimated):</p>   | <p align="center">Estimated Cost:</p>   |  |
| <p align="center">2024 (actual)</p>   | <p align="center">Entire Project:</p>   | <p align="center">Work for which Firm was Responsible:</p> |
| <p align="center">2024 (actual)</p>   | <p align="center">\$1,830,000</p>   | <p align="center">\$1,830,000</p>                          |

**TEC Professional Services Questionnaire**

**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.**

| Parties:                           |   | Status/Result of Case:   |
|------------------------------------|---|--|
| Plaintiff:                         | Defendant:  |  |
| <b>Jefferson Parish Government</b> | <b>Swift Energy Operating, LLC; Double Eagle Marine, LLC; Tommie Vizier and Sons Towing Co, LLC; Premier Tugs, LLC; Daigle Towing Service, LLC; T. Baker Smith, LLC</b> | Because TBS held a portion of the liability, Jefferson Parish offered a settlement, which we negotiated with them and which was approved by Jefferson Parish Council on April 30, 2014. Jefferson Parish prevailed in this litigation, which was settled out of court. |

**N. Use this space to provide any additional information or description of resources supporting Firm’s qualifications for the proposed project.**

**FIRM HISTORY**

T. Baker Smith, LLC (TBS), has provided professional engineering, environmental, surveying, and construction management services in Louisiana for over a century. TBS was founded in Houma, LA in 1913 and has since expanded to additional offices throughout the state of Louisiana as well as Texas and Mississippi. In 1936, our founder, T. Baker Smith, engineered the first paved road in Houma, LA. In the decades since then, the mission of “turning ideas into reality” for clients continues to challenge TBS’ professionals to remain on the cutting edge of technology, so that we can provide the most economically viable solutions to our clients.



TBS is dedicated to providing innovative civil engineering and design services for our clients. Our experience covers a broad range of public works, land development, industrial, pipeline, energy and facility projects. Our civil engineering and design services include transportation, roadway and bridge design, flood protection and drainage systems, pump stations, hydraulic and hydrologic studies, water and sanitary sewer design, treatment facilities, earthwork and site developments, erosion control structures, and earthen levees.

**PROFESSIONAL TRAINING AND EXPERIENCE**

**Our Training.** Our professionals hold degrees in civil, mechanical, structural, environmental, and coastal engineering; landscape architecture; mechanical engineering technology; geomatics; industrial technology; drafting and design technology; etc. All of our professionals have proper state licenses, registrations, and certifications to provide professional services for our clients. The resumes provided in Section K of this TEC Professional Services Questionnaire including the professional training and experience of our carefully curated team selected for this contract.

**Our Experience.** TBS is recognized for consistently delivering sustainable transportation projects that enhance and protect our communities. Leveraging superior, integrated services and leading-edge technology, TBS’ award-winning team of professionals takes personal pride in developing customized solutions to a spectrum of challenges our clients face. A one-stop shop for transportation design, we utilize multi-disciplined associates throughout the project life cycle, which enhances collaboration and keeps projects moving. Our sensitivity to schedule is best demonstrated by some of our high-profile projects with demanding schedules where extremely challenging milestones were met or exceeded. TBS’ multi-disciplined approach having associates involved in all project phases by providing surveying, roadway and bridge design, inspection and construction services offers a seamless, integrated effort, proven to deliver transportation projects, on-time, every time.

**FIRM SIZE**

In addition to your dedicated project team, TBS has over 290 staff members firm-wide including civil, structural, and environmental engineers, land surveyors, planners, landscape architecture, environmental scientists, biologists, construction administrators and project representatives. TBS has the quality and quantity of professionals to meet all of your needs, including delivering a high quality project in a compressed time period.

## TEC Professional Services Questionnaire

**N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.**

### **CAPACITY FOR TIMELY COMPLETION OF PROJECTS**

TBS is committed to continuously improving project completion time and schedules. With over 290 associates and 9 office locations firm-wide, we have sufficient staff and resources to handle the tasks associated with this project. Our associates range from discipline leaders and lead professionals overseeing the quality of work, to project managers managing the project's progress, to project technicians and assistants providing advanced technical support to get the job done. Our integral approach to projects allows us to communicate, manage, and use resources from various office locations on a daily basis. Additionally, TBS continues to recruit and employ highly qualified professionals to ensure continued growth of the quality services we provide to our communities.

### **PAST PERFORMANCE**

Since establishing our office in Metairie, LA in 2015, **TBS has successfully completed 38 projects for Jefferson Parish Government**, including engineering, surveying, and environmental tasks. TBS has a vast resume of past roadway projects which include roadway widening, roadway resurfacing, intersection improvements, roundabout design, roadway corridors with pedestrian and cycling access, and spot improvements. These projects range from multilane Interstate system corridors, to urban and rural arterials and collectors, and to local roads. TBS' roadway experience includes the design of asphalt and concrete roadways—from typical installations, to heavy pavement design, to quick curing concrete pavement in areas of high commercial traffic. TBS is thoroughly experienced with AASHTO roadway design requirements and has completed design and plans as the prime consultant on several large projects such as I-12 Widening (\$55MM), I-12 to Bush – LA 3241 (\$46MM), and US 190 Widening (\$30MM). We are experienced with Bentley Microstation, InRoads and OpenRoads, Torus, AutoTURN, AutoDesk AutoCAD and Civil 3D, and GeoHECRAS.

### **LOCATION OF THE PRINCIPAL OFFICE**

TBS will manage and execute projects resulting from this request from our Metairie, LA office located at 6660 Riverside Drive, Suite 101, Metairie, LA 70003. Additional support can be provided from our other office locations as needed.

### **LEGAL PROCEEDINGS**

As described in Section M above, TBS was involved in a legal matter with Jefferson Parish that was settled in April of 2014. TBS was named an additional party to the suit. This legal matter was not related to any parish project or contract between TBS and the parish, nor was it related to any substandard or negligent work by TBS on a parish project or contract.

### **PRIOR SUCCESSFUL COMPLETION OF PROJECTS**

Since 1913, TBS has provided public works solutions that improved the quality of life in the communities we helped build. From master planning and sustainable design to complete project management and government regulation, our public works solutions are targeted to fit each project scope. TBS has built long term relationships with repeat clients in the public market sector. In the past five years, TBS worked on more than 500 projects belonging to the public sector. The projects Highlighted in Section L above showcase our ability to successfully complete transportation projects of varying scales and complexity.

### **MINIMUM REQUIREMENTS**

| Requirement   | TBS Associate   |
|---|---|
| 1. The persons or firms under consideration shall have at least one (1) principal who is a licensed, registered architect or a professional engineer in the State of Louisiana.   | Kenneth Wm. Smith, PE, PLS, FACEC<br>Chief Executive Officer<br>LA PE 24642       |
| 2. A professional in charge of the project who is a professional engineer who shall be registered as such in Louisiana with a minimum of five (5) years' experience in the disciplines involved.  | Kenny Belou, PE<br>Lead Professional<br>Transportation Engineering<br>LA PE 38850 |
| 3. One employee who is a professional engineer registered in Louisiana in the field or fields of expertise required for the project (A sub-consultant may meet the requirement only if the advertised project involves more than one discipline.) | Brady Smith, PE<br>Project Manager<br>Transportation Engineering<br>LA PE 45362   |

**TEC Professional Services Questionnaire**

**N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.**

**CONCLUSION | EXPERIENCE WITH TRANSPORTATION IMPROVEMENT PROJECTS**

TBS' team of professionals has exemplified their experience throughout our history on transportation projects ranging from roadway rehabilitation to new high-speed roadway corridors. TBS' bridge experience includes over 100 bridge replacement projects. In recent years, TBS has completed similar projects on time and within budget for local and state governments, including the Louisiana DOTD, Lafourche Parish Government, City of Covington, and Terrebonne Parish Consolidated Government.

**TBS Local Public Agency Clients**

- Acadiana Planning Commission
- Ascension Parish Government
- Bayou Lafourche Fresh Water District
- Bayou L'Ourse Gravity Drainage District #1
- City of Alexandria
- East Baton Rouge Parish
- City of Central
- City of Covington
- City of Kenner
- City of Mandeville
- City of Harahan
- City of New Orleans
- City of Thibodaux
- City of West Monroe
- Consolidated Gravity Drainage District No. 2 of St. Mary Parish
- Flood Protection Authority-East
- Houma-Terrebonne Airport Commission
- Lafayette Consolidated Government
- Lafayette Parish School System
- Lafourche Parish Government
- Lafourche Parish Water District No. 1
- Morgan City Harbor and Terminal District
- North Lafourche Conservation, Levee, and Drainage District
- Plaquemines Port Harbor & Terminal District
- Port of Brownsville
- Port of Corpus Christi Authority
- Port of Galveston
- Port of Houston Authority
- Port of New Orleans
- Port of South Louisiana
- St. Charles Parish
- St. James Parish Council
- St. Mary Levee District
- St. Mary Parish Government
- St. Mary Parish Water & Sewer Commission No. 1
- St. Mary Parish Water & Sewer Commission No. 4
- St. Tammany Parish Government
- Tangipahoa Parish Government
- Terrebonne Levee & Conservation District
- Terrebonne Parish Consolidated Government
- Terrebonne Port Commission
- Town of Grand Isle
- Town of Lockport
- Jefferson Parish Government



**O. To the best of my knowledge, the foregoing is an accurate statement of facts.**

Signature: 

Print Name: Brian E. Moldaner, PE, MBA

Title: Chief Growth Officer

Date: 07/16/2024