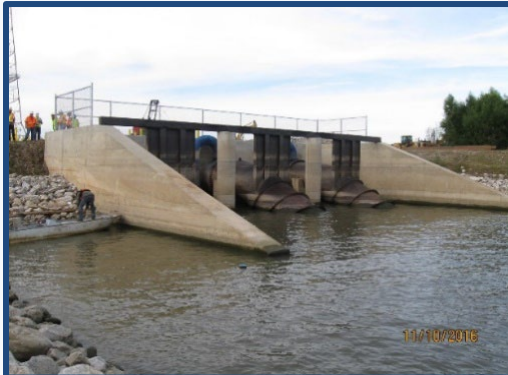


Jefferson Parish TEC Professional Services Questionnaire
Resolution No. 144734
SOQ 24 - 030

**Hickory Avenue (LA 3154)
Rehabilitation (River Road to 10th Street)
Professional Engineering Services
Related to the Design and Construction**

September 5, 2024



In Association with:

TheBetaGroup
engineering and construction services

**BRYANT HAMMETT
& ASSOCIATES, LLC**
CIVIL ENGINEERING & LAND SURVEYING

TBS
T. BAKER SMITH, LLC
SOLUTIONS START HERE



QUALIFICATIONS



Jefferson Parish
TEC Professional Services Questionnaire

Revised Form 02/02/2022

TEC Professional Services Questionnaire**A. Project Name and Advertisement Resolution Number:**

**Hickory Avenue (LA 3154) Rehabilitation (River Road to 10th Street)
Professional Engineering Services Related to the Design and Construction**

SOQ 24-030

Resolution No. 144734

B. Firm Name & Address:

Hartman Engineering, Inc.
527 West Esplanade Avenue, Suite 300
Kenner, Louisiana 70065

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:

Jared B. Monceaux, P.E., President
LA License No. 32202 (2006)
jmonceaux@harteng.com
504-466-5667

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.

Jared B. Monceaux, P.E., President
LA License No. 32202 (2006)
jmonceaux@harteng.com
504-466-5667

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

2	Administrative		Estimators		Specification Writers
	Architects (Licensed)		Geologists	1	Structural Engineers
	Chemical Engineers		Geotechnical Engineers		Graduate Engineers
4	Civil Engineers		Interior Designers		Project Managers
2	Construction Inspectors		Landscape Architects		Clerical
	Ecologists		Land Surveyor		Grant/Funding Specialist
	Electrical Engineers		Mechanical Engineers		Sanitary Engineers
3	Engineer Intern	2	Environmental Engineers	2	Designer
	Professional Land Surveyors	1	CAD Draftsman	18	TOTAL
	Environmental Scientist	1	Transportation Engineer		

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.

1. Not applicable

2.

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):
1.	 BRYANT HAMMETT & ASSOCIATES, LLC <small>CIVIL ENGINEERING & LAND SURVEYING</small> Bryant Hammett & Associates, LLC 1104 Dealers Avenue Harahan, LA 70123	Surveying Services	Yes
2.	 The Beta Group <small>engineering and construction services</small> The Beta Group Engineering and Construction Services, LLC 1428 ½ Claire Ave Gretna, LA 70053	Geotechnical Services	Yes
3.	 T. BAKER SMITH, LLC <small>SOLUTIONS START HERE</small> T. Baker Smith, LLC 6660 Riverside Drive Suite 101 Metairie, LA 70003	QA / QC Services	Yes

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

18

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:**

Jared B. Monceaux, P.E.
President

**Project Assignment:**

Project Oversight

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

17 (2007)

Education: Degree(s)/Year/Specialization:

B.S. in Civil Engineering, 2001, University of Louisiana at Lafayette

Active registration: Year first registered/discipline:

Year First Registered: 2006

Discipline: Civil State: Louisiana License No.: 32202

Also registered in Mississippi (18867) & Florida (88044)

Other experiences and qualifications relevant to the proposed Project:

Completed "FHWA-NHI-142005 NEPA and the Transportation Decision-making Process" certification, hosted by LA DOTD/LTRC (2016)

Mr. Monceaux has over twenty years of engineering project management and design experience on municipal projects, specifically road and bridge system improvement projects. His road and bridge experience includes large and small urban and rural road projects, small slab span and concrete girder bridges. Mr. Monceaux's responsibilities have included planning, project management, design, various permitting, and quality control.

- **ATTSA Traffic Control Supervisor and Technician 4/2017**

LADOTD SP 700-26-0234, 826-44-0027; Hickory Avenue (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA: Currently designing 60% final plans for LA 3154 to a 4-lane, urban-divided highway with subsurface drainage. Design includes vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers *Pump to the River* project and Entergy's Transmission Towers. (HEI Project No. 12-092-06)

Intersection Improvements (Veterans Blvd. – Bonnabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA: Mr. Monceaux is the Project Manager for this capacity improvements project at the intersection of Vets/Bonnabel. Additional left turn lanes are included in both directions along Veterans, new U-turns along Bonnabel, new signal to include pedestrians and future bike path. (HEI Project No. 11-014-95)

742-26-0033 / H.007175, F.A.P. No. 6130 (010): LADOTD – Lapalco Blvd. Improvements Phase I – Victory Dr. to Westwood Dr. Jefferson Parish, LA: Project Manager and QA/QC Engineer for the widening of this major arterial Urban Systems Project from 4 lanes to 6 lanes. Mr. Monceaux was responsible for geometric and hydraulic design. The project is approximately 0.8 miles and includes installation of new curb and gutter sections,

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:

Jared B. Monceaux, P.E.
President

subsurface drainage, and pavement widening. (HEI Project No. 11-014-53)

SPN H. 014316 LADOTD – Lapalco Blvd. Phase 2, - Tanglewood to Victory - Jefferson Parish, LA: Project Manager for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Mr. Monceaux is responsible for Project Management activities and active participation in design. The Project is approximately 0.7 miles and includes a 2-lane section from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control and a new signal. (HEI Project No. 11-014-53-06)

Roosevelt Blvd. Roadway Improvements – W. Metairie Ave. to W. Napoleon Ave., S.P.N. H.615120, City of Kenner, LA: Project improvements include the reconstruction of Roosevelt Boulevard from W. Napoleon Avenue to W. Metairie Avenue. Work comprises of the following: pavement removal and replacement, drainage lateral replacement, curb inlet adjustments, drainage trunkline repairs, roadway cross-slope correction, driveway replacement (to R/W), minor sidewalk adjustments (at driveways), and removal of median trees. (HEI Project No. 11-011-88)

Public Works No. 2017-046-RBP – Lapalco Blvd. Bridge over Harvey Canal – Jefferson Parish, LA: Mr. Monceaux is project manager. HEI is providing all Roadway Design services for Eastbound and Westbound roadways to install a new Westbound bridge crossing Harvey Canal. (HEI Project No. 11-014-53-86)

Parish Project No. 2017-057A-RBP, Oakwood Smart Growth - Witney Ave., Jefferson Parish, LA: The project consists of sidewalk and bike path improvements on streets surrounding the Oakwood Center, intersection improvements at Terry Pkwy. And Wright Ave., constructing a box culvert to provide a cross-over on Wright Ave., and restriping of Wright Ave. from Terry Pkwy. to Hector St., including re-striping of the modified intersections. (HEI Project No. 11-014-94)

P.W. No. 2005-056-RB, Wall Boulevard Reconstruction, Jefferson Parish, LA: Responsible for plans and specifications necessary to reconstruct a 4,000-foot segment of minor arterial roadway. Design included vertical and horizontal alignment and drainage as per LADOTD specifications. Provided engineering services during bid and construction phases of project. (HEI Project No. 11-014-62)

Stage 0 Feasibility Study, JPPW Project No. 2007-060-RB, Northbound Manhattan Boulevard to Elevated Eastbound West Bank Expressway, Jefferson Parish, LA: (75% complete) Study of two alternative flyovers at the intersection of Manhattan Boulevard and West Bank Expressway that would allow direct entry to eastbound West Bank Expressway from northbound Manhattan Boulevard. The report follows all guidelines from LDOTD's *Stage 0 Manual of Standard Practice*. (HEI Project No. 12-087-03)

Chateau Blvd. Resurfacing (W. Esplanade Ave. to Vintage Dr.), Project No. 2014-007-RB, Contract No. 4400005982, State Project No. H.011007.5, Kenner, LA: Project manager for the design of a resurfacing project for 0.75 miles of a boulevard section, which included identifying and replacement of localized base failures and concrete curb replacement. (HEI Project No. 12-092-12)

DPW No. 2016-030-DR, West Metairie Bridge over Soniat Canal (East Bound): The project consisted of a new concrete bridge along Eastbound West Metairie crossing Soniat Canal. The project included installation of concrete pipe, roadway replacement, temporary bridge, slope paving and retaining walls. (HEI Project No. 11-014-92)

SPN H.011490, FAP No. H.011490: LaDOTD – LA 30: Left Turn Lane at S. Purpera Ave, Ascension Parish, LA: Mr. Monceaux was the project manager and responsible for the preparation of plans and specifications. The project

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:

Jared B. Monceaux, P.E.
President

improvements included preliminary and final designs for the widening of an urban arterial (UA-3) 2-lane corridor to accommodate proposed left turns at the intersection of LA 30 and S. Purpera Ave. The improvements featured an intersection design, signal design, and ancillary roadway and drainage designs. Mr. Monceaux provided sub-consultant and client coordination, project management, QA/QC coordination, value-engineering recommendations, utility conflict review and coordination, geometric roadway and intersection design, drainage design, specifications review and preparation, construction cost estimate and quantity take-offs preparation. Additional technical responsibilities included roadway modeling via InRoads and MicroStation and providing LaDOTD Submittals and Coordination via the Bentley ProjectWise interface. (HEI Project No. 12-031-07)

H.004747 F.A.P. No. STP-3609(518): LADOTD - Lake Forest Blvd. Widening (Eastover to I-510), New Orleans, LA: Project Manager for the extension (approx. 650') a new westbound section of this urban collector road, approximately 450 feet west of its interchange with I-510. Responsible for the design and coordination efforts between LADOTD, City of New Orleans, and the Regional Planning Commission. A Categorical Exclusion (CE) was required for this project. (HEI Project No. 12-092-08)

JP Project No. 2010-058-ST Manhattan Blvd. Resurfacing (Lapalco to Harvey Blvd.): Preliminary and final plans and specifications to mill an overlay Manhattan Blvd. Design includes mill and overlay asphaltic concrete, and concrete panel replacement. (HEI Project No. 12-087-03)

NOLA Motorsports Park, Laney Chouest (Owner), Jefferson Parish, LA: Project engineer for design of a 450-acre auto racetrack complex, including a go-kart track, miscellaneous service buildings, condominiums, and other racetrack related facilities. Project included an overall site drainage study; design of access roads and parking areas (115,000 SY), 8" water mains (22,315 LFT), 8" sanitary sewer (12,345 LFT), multiple pump stations with force mains (11,400 LFT), various sized storm drainage facilities (15,150 LFT); and an overall site grading plan. (HEI Project No. 13-115-01)

SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), LaFourche Parish, LA: Design of a traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodaux, LA. The improvements included roadway widening, valve engineering, utility relocations, drainage design, geometric design, extensive phasing and temporary traffic control. Design conforms to EDSM V1.11.6., and current 2017 roadway design guidelines. (HEI Project No. 12-092-09)

I-12 to Bush Corridor LA3241 (I-12 to LA36) SPN H.004957, St. Tammany Parish, LA: Mr. Monceaux is the HEI project manager responsible for the preparation of plans for the subject project. The project improvements include preliminary design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor is primarily a control-of-access route featuring bridge and intersection design. Mr. Monceaux provides consultant coordination and project management, QA/QC coordination, geometric roadway and intersection design, drainage design, roadway modeling via InRoads software, specifications review and preparation, construction cost estimate and quantity take-offs preparation. (HEI Project No. 12-092-10)

LADOTD SP 023-06-0060 (Construction), US 167, N. Hodge to Quitman, Jackson Parish, LA: Prepared plans for 90% - 100% submittal, which included quantity computations, cross section review/adjustments, review of horizontal and vertical alignment, typical section revisions, plan/profile revisions, hydraulic design check, PPC girder bridges, sequence of construction revisions, and final cost estimates. Providing engineering services during construction. (HEI Project No. 12-092-07)

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.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Danielle B. Connelly, P.E.
Operations Manager

**Project Assignment:**

Project Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

19 (2005)

Education: Degree(s)/Year/Specialization:

B.S., 2006, Civil Engineering, Louisiana State University (LSU), Baton Rouge, LA

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 2011

Discipline: Civil State: Louisiana License No.: 36284

Other experiences and qualifications relevant to the proposed Project:

Mrs. Connelly has over fifteen years of experience as a design engineer and project manager for a variety of projects throughout southern Louisiana for several local and state government agencies. Ms. Connelly's design experience includes:

- Roadway and Bridge Design for local corridors and highways (geometric, traffic, and sequencing),
- Utility Designs for Water Distribution and Sanitary Sewer Collection Systems (gravity and force main via traditional and trenchless installation methods),
- Drainage Designs (canals, levees, gravity, and force main sub-surface systems via traditional and trenchless installation methods), and Environmental and Civil Site Design for sanitary sewer and drainage pump stations in simple duplex, triplex, and dual-bay multi-pump facilities.
- ATTSA Traffic Control Supervisor and Technician 4/2017

LADOTD SP 700-26-0234, 826-44-0027; Hickory / Hickory Avenue Extension (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA: Currently 60% Final plans for LA 3154 to a 4-lane, urban-divided highway with subsurface drainage. Design included performing checks on vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers *Pump to the River* project and

Entergy's Transmission Towers, and corrections to reflect current 2006 specifications and current bid items. (HEI Project No. 12-092-06)

Intersection Improvements (Veterans Blvd. – Bonabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA: Mrs. Connelly was the Lead Design Engineer for this capacity improvements project at the intersection of Vets/Bonabel. Additional left turn lanes are included in both directions along Veterans, new U-turns along Bonabel, new signal to include pedestrians and future bike paths. (HEI Project No. 11-014-95)

W2-26-0033, HJ007175, Jefferson Parish, LA, 6130 (010); LADOTD - Lapalco Blvd Improvements Phase I Victory Dr. to Westwood Dr., Jefferson Parish, LA: Roadway Engineer for the widening of this major arterial Urban Systems Project from 4 lanes to 6 lanes. Mrs. Connelly was responsible for geometric and hydraulic design. The project is approximately 0.8 miles and includes installation of new curb and gutter sections, subsurface drainage, and pavement widening. (HEI Project No. 11-014-53)

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.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Danielle B. Connelly, P.E.
Operations Manager

SPN H. 014316 LADOTD – Lapalco Blvd. Phase 2, - Tanglewood to Victory - Jefferson Parish, LA: Project Engineer for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Mrs. Connelly is responsible for active participation in design. The Project is approximately 0.7 miles and includes a 2-lane section from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control and a new signal. (HEI Project No. 11-014-53-06)

Parish Project No. 2017-057A-RBP, Oakwood Smart Growth - Witney Ave., Jefferson Parish, LA: The project consists of sidewalk and bike path improvements on streets surrounding the Oakwood Center, intersection improvements at Terry Pkwy. And Wright Ave., constructing a box culvert to provide a cross-over on Wright Ave., and restriping of Wright Ave. from Terry Pkwy. to Hector St., including re-striping of the modified intersections. (HEI Project No. 11-014-94)

Public Works No. 2017-046-RBP – Lapalco Blvd. Bridge over Harvey Canal – Jefferson Parish, LA: Mrs. Connelly is the project engineer. HEI is providing all Roadway Design services for Eastbound and Westbound roadways to install a new Westbound bridge crossing Harvey Canal. (HEI Project No. 11-014-53-86)

SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), LaFourche Parish, LA: Mrs. Connelly is the Lead Design Engineer for the traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodaux, LA. The improvements include roadway widening, valve engineering, utility relocations, drainage design, geometric design, extensive phasing, and temporary traffic control. Design will conform to EDSM V1.11.6., and current 2017 roadway design guidelines. (HEI Project No. 12-092-09)

DPW No. 2016-030-DR, West Metairie Bridge over Soniat Canal (East Bound): The project consisted of a new concrete bridge along Eastbound West Metairie crossing Soniat Canal. The project included installation of concrete pipe, roadway replacement, temporary bridge, slope paving and retaining walls. (HEI Project No. 11-014-92)

SPN H.011007.5, Chateau Blvd. Resurfacing (W. Esplanade Ave. to Vintage Dr.), Project No. 2014-007-RB, Contract No. 4400005982, Kenner, LA: Mrs. Connelly was the Lead Roadway Engineer for the preparation of Plans (letter size) and Specifications for the design of a resurfacing project for 0.75 miles of a boulevard section, which included Milling and Asphalt Concrete Overlay, Base Course Replacement, and Curb and Gutter Replacement. Construction Value of \$1.2 million. (HEI Project No. 12-092-12)

SPN H.011490, FAP No. H.011490: LADOTD – LA 30: Left Turn Lane at S. Purpera Ave, Ascension Parish, LA: Mrs. Connelly was the lead design engineer responsible for the preparation of plans and specifications. The project improvements included preliminary and final designs for the widening of an urban arterial (UA-3) 2-lane corridor to accommodate proposed left turns at the intersection of LA 30 and S. Purpera Ave. The improvements featured intersection design, signal design, and ancillary roadway and drainage designs. Mrs. Connelly provided sub-consultant and client coordination, project management, QA/QC coordination, value-engineering recommendations, utility conflict review and coordination, geometric roadway and intersection design, drainage design, specifications review and preparation, construction cost estimate and quantity take-offs preparation. Additional technical responsibilities included roadway modeling via Bentley InRoads and MicroStation and providing LaDOTD Submittals and Coordination via the Bentley ProjectWise interface. (HEI Project No. 12-031-07)

H.004747 F.A.P. No. STP-3609(518): LADOTD - Lake Forest Blvd. Widening (Eastover to I-510), New Orleans, LA: Road Design Engineer for the extension (approx. 650') of a new westbound section of this urban collector road,

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.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Danielle B. Connelly, P.E.
Operations Manager

approximately 450 ft west of its interchange with I-510. Responsible for geometric and hydraulic design. A Categorical Exclusion (CE) was required for this project. (HEI Project No. 12-092-08)

SPN H.004957, F.A.P. No. H004957: LADOTD –I-12 to Bush Corridor LA 3241 (LA 434 – LA 36), St. Tammany Parish, LA: Mrs. Connelly was the lead design engineer responsible for the preparation of plans and specifications. The project improvements included preliminary design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor was primarily a control-of-access route featuring bridge and intersection design. Mrs. Connelly provided consultant coordination and project management, QA/QC coordination, geometric roadway and intersection design, drainage design, roadway modeling via InRoads software, specifications review and preparation, construction cost estimate and quantity take-offs preparation. (HEI Project No. 12-092-10)

CPN. 95-05B: City of New Orleans - Oak Street Reconstruction, New Orleans, LA: Mrs. Connelly provided assistance with design of approximately 5,200 linear feet of gravity main, general drafting and cross-section design for this project. Tasks also included calculation of quantities for gravity main, asphalt and base course, walks and drives, curb & gutters, and saw cut lengths. (HEI Project No. 11-076-06)

DPW Project. No. 2017-RR189, PW7120355; K17-420, RR189 Village De L'est Group C (FRC), New Orleans, LA: Design services for FEMA-eligible street repairs and utility installations on four assigned streets within the Village De L'est Group C Project boundary. Improvements include the following design features: roadway pavement and base construction complete with curbs, sidewalks, drives, and ADA handicapped ramps; subsurface drainage, water, and sanitary sewer installation. Final grades were designed to be compatible with adjacent properties and existing pavements and provide for a positive flow of water towards catch basins. Project technical design work included horizontal and vertical design and modeling of fully reconstructed residential streets, hydraulic study for design and modeling of drainage system (pipe sizes ranging from 15" to 54", circular and arch), and design of water and sanitary sewer installations. (HEI Project No. 11-076-08)

P.W. No. 2005-056-RB, Wall Boulevard Reconstruction, Jefferson Parish, LA: Responsible for plans and specifications necessary to reconstruct a 4,000-foot segment of minor arterial roadway. Design included vertical and horizontal alignment and drainage as per LADOTD specifications. Provided engineering services during bid and construction phases of project. (HEI Project No. 11-014-62)

700-55-0101: LADOTD - Hollywood Road (Junc. LA 311 to Junc. LA 3040), Terrebonne Parish, LA: Mrs. Connelly provided drainage design assistance for this urban systems project that consists of providing environmental analysis, evaluation and documentation, preliminary and final plans for the widening of Hollywood Road in the City of Houma. The project begins at the junction of LA 311 and ends at the junction of LA 3040. The proposed undivided urban section will consist of 4-3.6 m (12ft) travel lanes with curb and gutter, and sub-surface drainage. The project is approximately 1.931 km (1.20 miles) in length. Project includes modifications to an existing signal and new signal design. (HEI Project No. 12-092-02)

Roosevelt Blvd. Roadway Improvements – W. Metairie Ave. to W. Napoleon Ave., S.P.N. H.615120, City of Kenner, LA: Project improvements include the reconstruction of Roosevelt Boulevard from W. Napoleon Avenue to W. Metairie Avenue. Work comprises of the following: pavement removal and replacement, drainage lateral replacement, curb inlet adjustments, drainage trunkline repairs, roadway cross-slope correction, driveway replacement (to R/W), minor sidewalk adjustments (at driveways), and removal of median trees. (HEI Project No. 11-011-88)

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.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT**Name & Title:**

Tony R. Tramel, P.E., P.T.O.E.
Traffic Engineer

**Project Assignment:**

Lead Traffic Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

10 (2014)

Education: Degree(s)/Year/Specialization:

B.S., 1972, Engineering, Interdisciplinary Engineering, Purdue University, West Lafayette, IN
Master of City Planning, 1974, City Planning, Georgia Institute of Technology, Atlanta, GA
Master of Engineering, 1974, Traffic Engineering/Transportation Planning, Georgia Institute of Technology, Atlanta, GA

Active registration: Year first registered/discipline:

Year First Registered: 1981

Discipline: Civil State: Louisiana License No. 19268

Also registered in Texas (60074) and Oklahoma (17946)

Other experiences and qualifications relevant to the proposed Project:

Mr. Tramel is an experienced transportation engineer/transportation planner with a variety of transportation related experience, including the administration of traffic safety and operations, transportation planning, land development review, traffic signal design and signal systems implementation, design and operation of parking facilities, supervision of street maintenance and municipal aviation activities. Traffic safety and operation experience included preparation of several municipal traffic studies to increase roadway capacity and safety, and more than 45 years of municipal traffic engineering and transportation planning experience. Transportation planning included the development of short- and long-range transportation plans for municipalities ranging in population from 90,000 to 260,000 persons. This work encompassed the use and calibration of transportation models to forecast future traffic conditions and the design of alternative transportation systems to accommodate future transportation demand.

- USA, Professional Traffic Operations Engineer (PTOE), (121)
- Fellow Member of Institute of Transportation Engineers, (07060)
- Adjunct Instructor, University of Southwest Louisiana, 1999

Intersection Improvements (Veterans Blvd. – Bonabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA: Mr. Tramel is the signal design engineer for this capacity improvements project at the intersection of Vets/Bonabel. Additional left turn lanes are included in both directions along Veterans, new U-turns along Bonabel, new signal to include pedestrians and future bike paths. *HEI Project No. 11-014-95*

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.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Tony R. Tramel, P.E., P.T.O.E.
Traffic Engineer

742-26-0033 / H.007175, F.A.P. No. 6130 (010): LADOTD – Lapalco Blvd. Improvements Phase I –Victory Dr. to Westwood Dr. Jefferson Parish, LA: Project Manager and QA/QC Engineer for the widening of this major arterial Urban Systems Project from 4 lanes to 6 lanes. Mr. Monceaux was responsible for geometric and hydraulic design. The project is approximately 0.8 miles and includes installation of new curb and gutter sections, subsurface drainage, and pavement widening. (HEI Project No. 11-014-53)

SPN H. 014316 LADOTD – Lapalco Blvd. Phase 2, - Tanglewood to Victory - Jefferson Parish, LA: Project Manager for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Mr. Monceaux is responsible for Project Management activities and active participation in design. The Project is approximately 0.7 miles and includes a 2-lane section from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control and a new signal. (HEI Project No. 11-014-53-06)

Stage 0 Feasibility Study Proposed Left Turn Lane on LA 30 at South Purpera Avenue/South Hodgeson Avenue, Ascension Parish, LA.: Study of feasibility and potential traffic, environmental, and economic impacts of implementing a proposed left turn lane on LA 30 in comparison with existing conditions. The report follows all guidelines from LADOTD's *Stage 0 Manual of Standard Practice*. HEI Project No. 12-031-06

LADOTD H.011490, LA 30: Turn Lanes at S. Purpera & S. Hodgeson, City of Gonzales, Ascension Parish, LA.: An Urban Systems project which involved roadway and traffic engineering, surveying, and geotechnical services for the widening and overlay required to add left turn lanes at an existing intersection. HEI Project No. 12-031-07

SPN H.003920, FAP H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place) Ascension Parish, LA.: Design of a traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodeaux, LA. The proposed roundabout shall branch from LA 20 into Canal Boulevard and Jackson St., also connecting Back St. and Thompson Place at the east and west approaches. Design conforms to EDSM V1.11.6., and current 2017 roadway design guidelines. HEI Project No. 12-092-09

RELATED PROJECTS:

As City Transportation Engineer for the City of Lafayette, Mr. Tramel administered the design and implementation of the City's first centralized computer-controlled traffic signal system in 1985 using CATV for communication. This system has been upgraded several times, and today includes more than 200 traffic signals and uses fiber communications and has more than 75 pan and tilt video cameras in use. This video stream is used by the Signal Systems Engineer to evaluate signal timing changes and monitor traffic conditions. Additionally, this video is streamed to 911 public safety agencies, and with the use of an iPhone app, (Lafayette Traffic), allows anyone to view the cameras and see the reported locations of current traffic crashes.

Mr. Tramel has been directly involved in traffic operational analysis, geometric and traffic signal design of more than 50 intersections. These intersections include locations in Lafayette, Louisiana, Vero Beach, Florida, and within the Dallas / Ft. Worth (DFW) Metroplex area it includes the cities of Grand Prairie, Arlington, Plano, Rockwall, Dallas, and Ft. Worth.

Comprehensive traffic safety and traffic signal studies have been completed by Mr. Tramel for several cities during his more than 40 years as a transportation engineer in the private and public sectors of employment.

He was the principle geometric and traffic operations design engineer associated with Lafayette's first "displaced

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Tony R. Tramel, P.E., P.T.O.E.
Traffic Engineer

left turn intersection design" or referred locally as a "Reduce Phase Intersection (RPI) "design at the intersection of US 167 Johnston Street at Camelia Boulevard / Guilbeau Road. This design was accomplished within the existing available rights of way.

Mr. Tramel has advocated the use of modern roundabouts in Lafayette. The first modern roundabout in Louisiana was implemented with assistance of the LaDOTD more than 10 plus years ago at the intersection of two LaDOTD routes using District Maintenance funds and designs promulgated by Mr. Tramel. More than 13 modern roundabouts are either built or are under design in Lafayette Parish. Modern roundabouts are the only traffic control device that enhances / improves efficiency, convenience, and traffic safety.

For the past 15 years, Mr. Tramel has been the Metropolitan Planning Organization's lead staff engineer working with LaDOTD in completing the Environmental Impact Document for the I-49 Connector in Lafayette. This 6-mile 6 lane elevated new Interstate 49 section has a projected cost of \$0.75 to \$1.0 Billion. A comprehensive engagement of efforts was undertaken by Mr. Tramel and his staff during this period including numerous public meetings and hearings, design charettes, traffic operation analysis of surface street interchanges with ramp connections, etc.

The FHWA issued a "Record of Decision" after more than 8 years of engagement, and right of way acquisition and preliminary design is now occurring.

More than 25 intersections and more than 15 miles of roadways have been improved by the use of better pavement management. This included "restriping the existing pavement sections, typically reducing the lane width in order to provide additional turning lanes at signalized intersections. Several arterial streets were converted from 4 lane undivided street to 5 lane cross sections where the center lane was designated a two way left turn lane (TWLTL) in an effort to increase capacity and enhance traffic safety.

Other Experience and Qualifications for Mr. Tramel:

- Lafayette Consolidated Government (LCG), Lafayette, LA, Director of Traffic and Transportation (1998 – 2013)
- DeShazo, Tang and Associates Consulting Engineers, Dallas, TX, Vice President/Principal (1993 – 1998)
- City of Arlington, TX, Assistant Director of Transportation/Planning (1990 – 1993)
- Kimley-Horn and Associates, Vero Beach, FL, Senior Engineer/Project (1988 – 1990)
- Parsons Brinckerhoff/De Leuw, Cather & Company, Dallas, TX, Chief Traffic Engineer (1987 – 1988)
- City of Grand Prairie, TX, Director of Transportation (1985 – 1987)
- City of Lafayette, Lafayette, LA, City Transportation (1977 – 1985)
- Hensley-Schmidt, Inc. (now dba Neel-Schaffer), Jackson, MS, Project Engineer/Manager (1974 – 1977)

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Sundararaja C. Rao, P.E.
Senior Project Engineer

**Project Assignment:**

Hydraulics Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

17 (2007)

Education: Degree(s)/Year/Specialization:

MS, 1972, Sanitary & Water Resources Eng., Brigham Young University

MT, 1967, Hydraulic Engineering, I.I.T., Bombay, India

BS, 1965, Civil Engineering, University of Mysore, India

Active registration: Year first registered/discipline:

Year First Registered: 1978

Discipline: Civil/Environmental State: Louisiana License No.: 17005

Other experiences and qualifications relevant to the proposed Project:

Mr. Rao has over four decades of civil/hydraulic/sewer experience related to transportation and municipal systems, with a strong emphasis on the design and administration of roadway related projects. He has served in many capacities including design engineer, chief engineer of local civil consulting firms and has also served as project manager of several roadway and LADOTD off-system bridge replacement projects. Mr. Rao is currently serving as HEI's Roadway Design Engineer.

LADOTD SP 700-26-0234, 826-44-0027; Hickory Avenue (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA: Currently reviewing 60% final plans for LA 3154 to a 4-lane, urban-divided highway with subsurface drainage. Review includes performing checks on vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers *Pump to the River* project and Entergy's Transmission Towers, and corrections to reflect current 2006 specifications and current bid items. (HEI Project No. 12-092-06)

742-26-0033 / H.007175, F.A.P. No. 6130 (010): LADOTD – Lapalco Blvd. Improvements Phase I – 900' West of Victory Dr. to Westwood Dr. Jefferson Parish, LA: Roadway Engineer for the widening of this major arterial Urban Systems Project from 4 lanes to 6 lanes. Mr. Rao was responsible for geometrical and hydraulic design. The project is approximately 0.8 miles and includes installation of new curb and gutter sections, gab surface drainage, and pavement widening. (HEI Project No. 11-014-53)

576-26-0028 (Phase IV) JP Project No. 2008-043-DR, LADOTD – Ave D 8th St. (Ave C and Gaudet), Allo St. (between 6th and 7th St.), Jefferson Parish, LA: Design Engineer for the preparation of preliminary and final plans and specifications for drainage and roadway improvements (LADOTD Statewide Flood Control Program). Design includes upgrade of existing drainage structures (which range from 15" to 96" RCP), structural design, detail of large conflict boxes, roadway reconstruction and utility relocations. (HEI Project No. 12-014-76)

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Sundararaja C. Rao, P.E.
Senior Project Engineer

576-26-0028 (Phase V) JP Project No. 2010-003-DR, LADOTD – Ave D Drainage Improvements (Westbank Expressway to 6th St.) Jefferson Parish, LA : Design Engineer for the preparation of preliminary and final plans and specifications for drainage and roadway improvements (LADOTD Statewide Flood Control Program) Design includes upgrade of existing drainage structures (which range from 15" to 96" RCPA), structural design and detail of large conflict boxes, roadway reconstruction and utility relocation. (HEI Project No. 12-014-76)

LADOTD SP 700-26-0234, 826-44-0027; Hickory Avenue (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA: Currently reviewing 90% plans for LA 3154 to a 4-lane, urban-divided highway with subsurface drainage. Review includes performing checks on vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers *Pump to the River* project and Entergy's Transmission Towers, and corrections to reflect current 2006 specifications and current bid items. (HEI Project No. 12-092-06)

576-26-0028 H.003559 (Phase VI) JP Project No. 2012-006-DR, LADOTD – Ave D Drainage Improvements (Ave C, Ave A, Gaudet: Between 6th St. and 8th St.), Jefferson Parish, LA.: Design Engineer for the preparation of preliminary and final plans and specifications for drainage and roadway improvements (LADOTD Statewide Flood Control Program). Design includes upgrade of existing drainage structures (which range from 15" to 72" RCP) structural design and detail of large conflict boxes, roadway reconstruction, utility relocations, and temporary traffic control. (HEI Project No. 12-014-76)

Chateau Blvd. Resurfacing (W. Esplanade Ave. to Vintage Dr.), Project No. 2014-007-RB, Contract No. 4400005982, State Project No. H.011007.5, Kenner, LA.: Project engineer for the design of a resurfacing project for 0.75 miles of a boulevard section, which included identifying and replacement of localized base failures and concrete curb replacement. (HEI Project No. 12-092-12)

H.004747 F.A.P. No. STP-3609(518): LADOTD - Lake Forest Blvd. Widening (Eastover to I-510), New Orleans, LA: Road Design Engineer for the extension (approx. 650') a new westbound section of this urban collector road, approximately 450' west of its interchange with I-510. Responsible for the geometric and hydraulic design. A Categorical Exclusion (CE) was required for this project. (HEI Project No. 12-092-08)

SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), LaFourche Parish, LA (2015 – On Going) Design of a traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodaux, LA. The improvements included roadway widening, valve engineering, utility relocations, drainage design, geometric design, extensive phasing and temporary traffic control. Design conforms to EDSM V1.11.6., and current 2017 roadway design guidelines. (HEI Project No. 12-092-09)

SPN H. 014316 LADOTD – Lapalco Blvd. Phase 2, - Tanglewood to Victory - Jefferson Parish, LA: Project Manager for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Mr. Monceaux is responsible for Project Management activities and active participation in design. The Project is approximately 0.7 miles and includes a 2-lane section from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control and a new signal. (HEI Project No. 11-014-53-06)

700-55-0101: LADOTD - Hollywood Road (Junc. LA 311 to Junc. LA 3040), Terrebonne Parish, LA: (2004 – 2013). QA/QC Engineer for this urban systems project that consists of providing environmental analysis, evaluation and documentation, preliminary and final plans for the widening of Hollywood Road in the City of Houma. The project began at the junction of LA 311 and ended at the junction of LA 3040. The undivided urban section consisted of 4-

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Sundararaja C. Rao, P.E.
Senior Project Engineer

3.6 m (12ft) travel lanes with curb and gutter, and sub-surface drainage. The project was approximately 1.931 km (1.20 miles) in length. Project included modifications to an existing signal and new signal design.

(HEI Project No. 12-092-02)

I-12 to Bush Corridor LA3241 (I-12 to LA36) SPN H.004957, St. Tammany Parish, LA. The project improvements include preliminary design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor is primarily a control-of-access route featuring bridge and intersection design. HEI provides consultant coordination and project management, QA/QC coordination, geometric roadway and intersection design, drainage design, roadway modeling via InRoads software, specifications review and preparation, construction cost estimate and quantity take-offs preparation. *(HEI Project No. 12-092-10)*

Livingston Parish Council, Livingston Parish, LA. Capital Improvements Program 1998 - Contract A Project Engineer of this major 57 miles roads and streets improvements program involving reconstruction/overlay of existing roads and streets and replacement of cross drain structures, preparation of construction plans and specifications. *(Work performed under previous consulting firm)*

Louisiana DOTD, Urban System Program, Capital-Belle Rose-William Street Improvements, City of Denham Springs, LA. Project Manager of this project located in Denham Springs, Louisiana. The project involved urban street design with subsurface drainage design, intersection design for left turn lanes at US Highway 190, preparation of preliminary and final construction plans, construction phasing and sequencing drawings. *(Work performed under previous consulting firm)*

LA DOTD, Highway 3002 Couplet (South Range Avenue), City of Denham Springs, LA. Project Manager of this project located in Denham Springs, Louisiana. The project involved geometric design of northbound urban highway relocation, subsurface drainage design, construction phasing and sequencing drawings. *(Work performed under previous consulting firm)*

City of Baton Rouge, North 39th Street Improvements. Project manager and design of urban street improvements with subsurface drainage; preparation of preliminary and final construction plans. *(Work performed under previous consulting firm)*

City of Baton Rouge, Stevendale Road at Florida Boulevard Intersection Improvements. Project manager and design of urban street Intersection improvements with subsurface drainage; preparation of preliminary and final construction plans. *(Work performed under previous consulting firm)*

LA DOTD, Federal-Aid-Off-System Bridge Replacement Projects. Project manager and design of various bridge replacement projects for parish bridges in Ascension, East Feliciana, Allen, Livingston, Orleans, St. Helena, LaSalle, Washington, Claiborne parishes. Hydraulic Reports, WSPRO water surface calculations, HEC-18 bridge scour analysis, Preliminary and final plan construction plans. *(Work performed under previous consulting firm)*

LA DOTD, Federal-Aid-Off-System Bridge Replacement Projects. Project manager and design of various bridge replacement projects for parish bridges in Ascension, East Feliciana, Allen, Livingston, Orleans, St. Helena, LaSalle, Washington, and Claiborne parishes. Hydraulic Reports, WSPRO water surface calculations, HEC-18 bridge scour analysis, Preliminary and final plan construction plans. *(Work performed under previous consulting firm)*

LA DOTD, Black River Bridge and Approaches, US 84, Jonesville, LA. Roadway Design Engineer of this project located in Central Louisiana. The roadway project involved the geometric designs of approximately 2 miles of both five-lane urban roadway through the city of Jonesville with subsurface drainage, and four lane divided roadway, bridge approaches, geometric designs, sight distance analysis, traffic signalization, construction sequencing and phasing schemes. *(Work performed under previous consulting firm)*

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Sundararaja C. Rao, P.E.
Senior Project Engineer

LA DOTD, US Hwy 167, Red River Bridge Approaches, Pineville, LA. Project Manager of this project in Rapides Parish, Louisiana. The project comprised of four lane divided urban highway approaches connecting new Red River Bridge to an existing railroad overpass on the Pineville side of Red River. The project geometry involved design of off-ramp and on-ramp, ramp profile designs, acceleration and deceleration lanes, frontage road, weaving section design, sight distance analysis, and detour designs. The project also included subsurface design system, development of construction sequencing plans and phasing schemes. *(Work performed under previous consulting firm)*

LA DOTD, I-49 South, Wax Lake Outlet to Berwick, St. Mary Parish, LA. Hydraulic Design Engineer of this Interstate project consisting development of traffic studies, line and grade studies, an environmental impact statement and extensive public participation program; Key responsibilities have been for evaluation of existing floodplain characteristics of project area; hydrologic and hydraulic evaluation of existing major cross drainage structures and their hydraulic capacities; Develop major drainage structures required for each alternate design roadway configuration; preliminary hydraulic design of bridges and drainage structures for design conditions; preparation of Floodplain and Hydraulic Report. *(Work performed under previous consulting firm)*

LA DOTD, State Route in Winnfield US 167, Winn Parish, LA. Project Manager of this \$25 million dollar Louisiana DOTD project. Key responsibilities have been for overall project management, interaction with client and subconsultants, coordination. The project comprised of staged railroad bridge construction and approximately 3 miles of both five-lane urban roadway through the City of Winnfield with subsurface drainage, and four lane divided roadway, bridge approaches, geometric designs, sight distance analysis, construction sequencing and phasing schemes. *(Work performed under previous consulting firm)*

LA DOTD, I-49 South, Lafayette Regional Airport To LA 88, Lafayette, St. Martin and Iberia Parishes, LA. Hydraulic Design Engineer of this Interstate project consisting development of traffic studies, line and grade studies and an environment impact statement and extensive public participation program; Key responsibilities have been for evaluation of existing floodplain characteristics of project area; hydrologic and hydraulic evaluation of existing major cross drainage structures and their hydraulic capacities; Develop major drainage structures required for each alternate design roadway configuration; preliminary hydraulic design of bridges and drainage structures for design conditions; preparation of Floodplain and Hydraulic Report. *(Work performed under previous consulting firm)*

Grayson County, Texas, SH 289 Extension (SH 56 to FM 120). Design Engineer responsible for hydraulic design of several bridge and box culvert / pipe crossings for approximately 12-mile highway project. preparation of hydraulic report, discharge calculations using HEC-1 unit hydrographs and regression equations, HY8 culvert analysis, WSPRO bridge analysis. *(Work performed under previous consulting firm)*

New Orleans International Airport Aviation Board. Delta Taxiway Drainage Improvements: Project Engineer of this project involving replacement / milling of existing taxiway concrete pavement to improve drainage and adjustment of taxiway lights and preparation of construction plans and specifications. *(Work performed under previous consulting firm)*

New Orleans International Airport Aviation Board, North-South Runway Improvements. Project Engineer of this project involving survey of existing cracks and joint failures in the North-South Runway and preparation of plans and specifications for needed improvements. *(Work performed under previous consulting firm)*

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT**Name & Title:**

Raul H. Regis, P.E.
Project Engineer

**Project Assignment:**

QA/QC Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

7 (2017)

Education: Degree(s)/Year/Specialization:

B.S., 1990, Civil Engineering, Florida State University

Active registration: Year first registered/discipline:Active Registration: Year First Registered: 2008Discipline: Civil State: Louisiana License No.: 34006*Also registered in Mississippi (18695); Arkansas (15078); Florida (85074)***Other experiences and qualifications relevant to the proposed Project:**

Mr. Regis has over 26 years of experience in project management, design of complex highways, multi-level interchanges and urban streets for major clients such as MDOT, LDOTD, NASA, USACE, FDOT, the Florida's Turnpike Enterprise, the Miami-Dade Expressway Authority (MDX), and the Puerto Rico Highway Authority. Additional clients include The City of New Orleans, Ascension Parish, St. John the Baptist Parish, St. Tammany Parish, Louisiana and in Florida: Broward County, Palm Beach County, Miami-Dade County, the City of Miami, and the City of Pembroke Pines. Further design experience includes, roundabout design, signal design and advanced traffic control.

- Member of ASCE
- Louisiana Engineering Society

RELEVANT PROJECT EXPERIENCE FROM PREVIOUS FIRM:

Belle Chasse Tunnel and Bridge Replacement Stage 1- Environmental Assessment, Plaquemines Parish, LA- Project Manager responsible for the coordination of the NEPA process in particular the Bridge and Tunnel Historic Preservation alternatives. The Belle Chasse Tunnel and the Judge Perez Bridge are critical transportation links for residents, businesses and industries in the Westbank, Plaquemines Parish. Concerns have been identified with the functionality and reliability of these existing structures that form the LA 23 crossing of the Algiers Canal/Algiers Alternate Route of the Gulf Intracoastal Waterway (GIWW) and their ability to meet the needs of both the vehicular and maritime transportation corridors and the surrounding community. Replacing the existing structures will make both daily commutes and hurricane evacuations easier, faster and more reliable. It will help encourage economic growth in the area by providing the area's businesses and industries with a more efficient transportation system. A

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Raul H. Regis, P.E.
Project Engineer

new bridge is also expected to be far less expensive to operate and maintain than the existing Belle Chasse Tunnel and Judge Perez Bridge. Project was on an expedited schedule and in metric units, making this a challenging project. (LADOTD, State Project No. H.004791)

Baton Rouge Loop Tier 1 Draft Environmental Impact Statement (FEIS) Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes, LA - Project Manager responsible for the coordination of the NEPA process including the completion of the Record of Decision (ROD), and post ROD activities such as the traffic and revenue analysis, and possible P3 opportunities. The Project would consist of a 90- to 105-mile long circumferential, controlled access toll roadway around greater Baton Rouge, Louisiana in Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The proposed toll highway would connect Interstate 12 east of Baton Rouge and east of Walker to Interstate 10 west of Baton Rouge; I-10 west of Baton Rouge to I-10 south of Baton Rouge; and I-10 south of Baton Rouge to I-12 east of Walker. The Project is being developed by the Capital Area Expressway Authority (CAEA), the Louisiana Department of Transportation and Development (LA DOTD), and the FHWA as lead federal agency. Cooperating agencies include the US Army Corps of Engineers (USACE), New Orleans District, and the US Coast Guard (USCG), 8th Coast Guard District. Approximate contract value \$12M (Finalizing NEPA Process).

Calcasieu River Bridge EIS, Lake Charles, LA - Project Manager responsible for the coordination of the NEPA process and roadway related tasks such as alternatives development, geometric analysis, and the Interchange Justification Report. The primary purpose of this project is to increase capacity along I-10 from the east and west interchanges with I-210 in the Lake Charles region. The study corridor is approximately 9 miles long and includes the high-level Calcasieu River Bridge. It also includes improvements and widening to the interstate approach roadways on either side of the urban bridge, including several complex interchanges. Approximate contract value \$6M. (LADOTD, State Project No. H.006783)

I-110 Bridge Rehabilitation, Biloxi, MS - Project Manager responsible for the development of complex traffic control plans for a heavily traveled bridge requiring rehabilitation. Task included maintaining traffic on the bridge during rehabilitation work. Approximate contract value \$70,000. (MDOT).

I-12 to Bush, St. Tammany Parish, LA - Project Manager for this project providing approximately 5.5 miles of a 4 lane divided highway from the proposed LA 3241 to the LA 40/LA 41 intersection in Bush, LA. As a sub the corresponding scope for this project was the preliminary design of the bridge over Talisheek Creek, approximately 500' in length. Additional tasks included the development of the bridge scour report at Talisheek Creek, and the QA/QC of the roadway plans for the project. Design fees for this project are approximately \$135k. (LADOTD, State Project No. H.004113)

Improvements to US 190 from LA 22 to Lonesome Road, St. Tammany Parish, LA - Project Manager responsible for the re-design of approximately 1.5 miles of US 190. Activities included close coordination with LDOTD, revisions to drainage plans, redesign of traffic signals, revision to existing superelevation, and traffic control plans. Project was on an expedited schedule and in metric units, making this a challenging project. Approximate contract value \$150,000. (LADOTD, State Project No. H.000498)

I-10 Widening from Siegen Lane to the I-10/I-12 Split, Post Design Services and Geotechnical Support, Baton Rouge, LA - Project Manager responsible for the coordination of the geotechnical activities for all bridge substructures, and post design services during construction. Other responsibilities included the re-design of the traffic control plans for the I-10 mainline and ramps, approximately 4.6 miles. Additionally, this project required the close

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Raul H. Regis, P.E.
Project Engineer

coordination with the LDOTD Project Engineer and his staff, and the contractor's construction manager. Approximate contract value \$350,000. (LADOTD, State Project No. 450-10-0108).

Intersection Improvements US 190 at Northpark, St. Tammany Parish, LA - Project Manager responsible for final layout of intersection improvements on two streets within the Northpark Business Park which connect to US Highway 190. Improvements include widening existing streets to add capacity for turn movements and improving traffic signals as needed to accommodate new movements. The design of an additional left turn lane from US 190 to Northpark, and a right turn lane from Northpark to US 190 was also included. Approximate contract value \$120,000. (LADOTD, State Project No. 700-30-0270)

LSU Nicholson Gateway, East Baton St. Parish, LA - Project Manager responsible for the supervision of the design of the access road to the new student housing project, and the sewer line connecting the new pump station south of Skip Bertman to the proposed student housing. Also included in this project as a separate task, is the redesign of Nicholson Drive from Burbank to Chimes Street, approximately 1.0 mile. Approximate contract value \$350,000.

SR 475 Extension from US 80 to Existing SR 475 at Old Brandon Road, Pearl, Rankin County, MS - Project Manager responsible for the reconfiguration of the MS 475 intersection with Old Brandon Road near Jackson International Airport. The improvements will provide a full diamond interchange which will relieve traffic congestion at the roundabout located at the entrance to the airport where MS 475 currently intersects. Improvements to MS 475 will also include the design of two 275' concrete bridges on-curve over Old Brandon Road. Approximate contract value \$705,000. (MDOT)

Final Construction Plans Mississippi Highway SR 607 Roadway Widening, Design and Engineering Services; Interstate 59 to Saturn Drive, Hancock and Pearl River Counties, MS - Project Manager responsible for the development of plans and specifications for the widening of SR 607 from 2 to 4-lanes within the Stennis Space Center. The project total length was approximately 4-miles. Project involved roadway and drainage design and the development of specifications. Approximate contract value \$1,355,000. (NASA/MDOT) (2008).

Infinity Access Road, Hancock County, MS - Project Manager responsible for roadway and drainage design of approximately 1-mile of a 2-lane road that will serve as the entrance to the NASA Infinity Site. This proposed roadway will be connected to the MDOT entrance to the existing rest area located adjacent to SR 607. Specifications and construction cost estimates were also prepared. Approximate contract value \$260,000. (MDOT/NASA) (2009)

Crystal Hill Road Bike Path, Pulaski County, AR - Project Manager for the design of approximately 1.5 miles of bike lanes along the Crystal Hill Road corridor from Counts Massie Road east to Maumelle Boulevard. This project will introduce bike lanes in both directions along Crystal Hill Road which will tie into the existing network of bike trails along Maumelle Boulevard. Currently, Crystal Hill Road is a two lane road with mainly residential traffic, but with some commercial traffic as it connects to Maumelle Boulevard in the east. The proposed typical section will contain two eleven-foot automobile lanes and two five foot bike lanes in both directions, this configuration will be fitted within the existing road right of way. (Pulaski County Road and Bridge Department) (2013).

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Rolland A. Mura, P.E., B.C.E.E.
Senior Project Manager

Project Assignment:

Environmental Engineer

Name of Firm with which associated:**Years' experience with this Firm:**

22 (2002)

Education: Degree(s)/Year/Specialization:

M.S., 1971, Environmental Engineering, Tulane University

B.S., 1970, Civil Engineering, Tulane University

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 1974

Discipline: Civil & Environmental State: Louisiana License No.: 14997

Also registered in Mississippi (08409) and Alabama (14594)

Other experiences and qualifications relevant to the proposed Project:

Mr. Mura's 45+ years of experience includes a variety of civil and environmental engineering projects, ranging from basic gravity sewers to complex environmental impact statements, Brownfield site investigations, asbestos and NORM inspections, environmental assessments, ASTM Phase I and Phase II assessments, and regulatory compliance for commercial, industrial, and oilfield properties and facilities. He has overseen most of HEI's internal quality control matters on planning projects.

SPN / H.004747 F.A.P. No. STP-3609(518): LADOTD - Lake Forest Blvd. Widening (Eastover to I-510), New Orleans, LA: (2012 – 2016) Mr. Mura provided the Environmental Study (Categorical Exclusion) for the extension (approx. 650') a new westbound section of this urban collector road, approximately 450' west of its interchange with I-510. Responsible for the design and coordination efforts between LADOTD, City of New Orleans, and the Regional Planning Commission. A Categorical Exclusion (CE) was required for this project. *(HEI Project No. 12-092-08)*

DPW Project No. 2005-01A, Oak Street Reconstruction (Leake Ave. to S. Carrollton Ave.), New Orleans, LA: Prepared plans and specifications for 0.5 miles of urban roadway design for new asphalt pavement along with associated utility relocations including water, sewer, and drainage, to revitalize a portion of a historic neighborhood. Construction Management and Resident Inspection were also a part of this project. The project included replacement of the asphalt pavement roadway, driveways and concrete sidewalks, replacement of sewer lines, water lines and drainpipes, installation of Americans with Disabilities Act (ADA) compliant ramps in sidewalks at associated intersections, and new sidewalk benches and bike racks. The new roadway features extended sidewalks at each intersection to allow more space for greater pedestrian use, to help calm traffic at the intersections and to make the roadway safer to cross. The extension reduced the distance needed to travel by pedestrians crossing the streets and

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Rolland A. Mura, P.E., B.C.E.E.
Senior Project Manager

prevents vehicles from parking too close to intersections, which improves visibility at the intersection and assures emergency vehicle access. (HEI Project No. 11-076-02)

Subsurface Improvements to Sena Drive (Phase I & II), Project No. 2009-040-DR, Jefferson Parish, LA. Design and construction administration for subsurface drainage improvements between Nero Street and West Esplanade Avenue consisting of gravity line installations watermain replacement, sanitary sewer replacement and the replacement of street, drive approaches and miscellaneous sidewalks. Extreme care had to be given to the existing live oak trees that lined both sides of the street. A professional arborist provided design assistance to the engineer. (HEI Project No. 13-014-78)

Lapalco Blvd. Improvements, DPW Project No. 96-019-RBI, DPW Project No. 96-019D-RBI, Jefferson Parish, LA. Design engineering for the Lapalco Boulevard roadway improvements from Tanglewood Drive to Westwood Drive. The project consists of widening the existing eastbound roadway and construction a new westbound roadway to create a continuous 6-lane divided roadway. The project includes subsurface drainage, box culvert extension, curb and gutter and bituminous concrete pavement. (HEI Project No. 11-014-53)

SPN H. 014316 LADOTD – Lapalco Blvd. Phase 2, - Tanglewood to Victory - Jefferson Parish, LA: Project Manager for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Mr. Monceaux is responsible for Project Management activities and active participation in design. The Project is approximately 0.7 miles and includes a 2-lane section from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control and a new signal. (HEI Project No. 11-014-53-06)

SPN 742-26-0030 & 742-26-003: LA DOTD - Lapalco Boulevard, US 90 to Segnette Boulevard, Jefferson Parish, LA: (1998-2004) Mr. Mura provided the Environmental Study (EA) for this urban systems design of 11,000-feet of a four lane, divided median rural roadway. Project includes drainage, signals, widening of bridge, and addition of shoulders to existing lanes and design of two new lanes, with a new bridge. The estimated construction cost is \$8.0 million. (HEI Project No. 11-014-53)

Stage 0 Feasibility Study Proposed Left Turn Lane on LA 30 at South Purpera Avenue/South Hodgeson Avenue, Ascension Parish, LA: (2014-2015) Study of feasibility and potential traffic, environmental, and economic impacts of implementing a proposed left turn lane on LA 30 in comparison with existing conditions. Report followed all guidelines from LDOTD's Stage 0 Manual of Standard Practice. (HEI Project No. 12-031-06)

SPN 2007-060-RB: Jefferson Parish - Stage 0 Feasibility Study, Northbound Manhattan Boulevard to Elevated Eastbound West Bank Expressway, Jefferson Parish, LA: (2008 – On hold) Mr. Mura provided the Environmental review for the study of two alternative flyovers at the intersection of Manhattan Boulevard and Westbank Expressway that would allow direct entry to eastbound Westbank Expressway from Northbound Manhattan Boulevard. (HEI Project No. 12-087-03)

SPN 700-55-0101: LADOTD - Hollywood Road (Junc. LA 311 to Junc. LA 3040), Terrebonne Parish, LA: (2004 – 2013) Mr. Mura provided the Environmental Study (EA) for this urban systems project that consisted of providing environmental analysis, evaluation and documentation, preliminary and final plans for the widening of Hollywood Road in the City of Houma. The project began at the junction of LA 311 and ended at the junction of LA 3040. The undivided urban section consisted of 4-3.6 m (12') travel lanes with curb and gutter, and sub-surface drainage. The project was approximately 1.931 km (1.20 miles) in length. Project included modifications to an existing signal and new signal design. (HEI Project No. 12-092-02)

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.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Emmett (Ike) J. Mayer, Jr., P.E.
Structural Engineer

Project Assignment:

Structural Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

4 (2020)

Education: Degree(s)/Year/Specialization:

B.S. Civil Engineering 1966
M.S. Civil Engineering 1973

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 1971
Discipline: Civil State: Louisiana License No.: 12757
Also registered in Nevada (10018)

Other experiences and qualifications relevant to the proposed Project:

Mr. Mayer has over 50 years of experience in the Design and Planning of Hydraulic Structures, Levees, Twalls, and Drainage Pump Stations. Mr. Mayer has been involved with the engineering management of various infrastructure programs and marine projects.

Mr. Mayer was employed by the U.S. Army Corps of Engineers (USCE), New Orleans District, for over 14 years as a supervisory civil engineer and a structural engineer working on various flood control and navigation projects.

New River Pump-to-River, Ascension, Parish – HEI worked with FTN who modified the existing 2D HEC-RAS hydrologic and hydraulic model of the Bayou Manchac and Marvin Braud drainage basins to incorporate the proposed conveyance channel from Bluff Swamp, a detention basin and pump station to pump into the Miss. River. For initial determination of the conveyance size channel size, shape and slope a new 1D HEC-RAS model was developed and utilized. Construction Cost estimated at \$104 million.

Upper LA 45 Pump Station, Design Services for Upper LA 45 Evacuation Route Tidal Surge Protection, (A/E Project No. 20-2014F), Lafitte Parish, LA – This project involved the Upper LA 45 Evacuation Route Basin and tied into the Rosethorne Basin System to the East and the Fischer School Basin to the West. These two basins were constructed prior to the Upper LA 45 Evacuation Route Basin and the design of the Upper LA 45 Basin is in accordance with a 10-year return design flow. The interior pipe network system was designed as a subsurface drainage network. The pipes were buried beneath the ground surface and included drain inlets and manholes. The

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Emmett (Ike) J. Mayer, Jr., P.E.
Structural Engineer

storm water drainage pumping station was designed generally consisting of vertical drainage pumps, the structural elements for the platform including the foundation, sump intake, walls, platform, pedestrian catwalk, stairs, and trash screen. Also, included design for pumps, electrical, discharge pipe, and diesel generator. HEI Project No. 11-118-03

Ascension Parish Floodplain Management Plan Review– HEI provided support for the Floodplain Management Plan (FMP) and assisted the Ascension Parish Government in review of the existing Hydrologic and Hydraulic (H&H) modeling studies completed in Ascension Parish. Models included Marvin Braud, Bayou Manchac, Henderson Bayou, and Bayou Conway Basins. HEI Project No. 12-031-20

Castille Pass Sediment Delivery project located in St. Mary Parish, Louisiana – Project Engineer on the project included hydrodynamic modeling and the design of improvements to the Atchafalaya River Pass Delta Lobe to improve flow to create emergent marsh areas and enhance accretion in Atchafalaya Bay. Construction documents were prepared to improve the diversion of flow and create approximately 450 acres of emergent marsh. The construction documents provided the deepening of existing channels and locating new distributary channels along with construction of retaining dikes. Over two million cubic yards of material were dredged.

Big Island and Atchafalaya Sediment Delivery project. – Mr. Mayer served as Project Engineer on the project and utilized hydraulic dredging operations to open old sediment-clogged channels, the excavation of new distributary channels to create approximately 1,200 acres of productive wetlands. Numeric hydraulic computer models were used to evaluate various channel alignments. Mr. Mayer prepared plans and specifications for 21,000 feet of channels with over 4,120,000 cubic yards of dredged material accomplished with two 20" hydraulic dredges. Mr. Mayer provided construction administration services for the project.

Goose Point/Point Platte Marsh Creation project – Mr. Mayer served as Construction Manager for the project and created approximately 566 acres of new marshland by dredging from Lake Pontchartrain. A total of 49,557 linear feet of containment dikes were constructed to retain the 3.1 million cubic yards of hydraulically dredged material.

Lake Hermitage Marsh Creation and Shoreline Restoration – Mr. Mayer served as Construction Manager on this project. The project will create 550 acres of new marsh with the dredging of over 3.7 million cubic yards of material. Approximately 36,000 linear feet of containment dikes were constructed. Material is dredged from the Mississippi River over a distance of 27,000 feet.

New Orleans Sewage & Water Board 4 MW Emergency Generator Building – Mayer is the Engineer Manager for this project which includes a hurricane safe building design and all associated civil, structural, mechanical, and ancillary equipment and systems. Mr. Mayer was the Project Manager for the complete upgrade and rehabilitation of all mechanical/electrical equipment and systems in South Florida Water Management District's (SFWMD) manually operated S-5A, 6,000 cfs pump station located in Palm Beach County, Florida. The project includes the redesign of main pump rotating assemblies within existing pipe housings, replacement of existing chain drive units with new reduction gear drives and modernizing the 50-year-old engines to achieve EPA Tier compliance and SCADA system to be installed to auto-start all equipment from a central control room.

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Name & Title:

Emmett (Ike) J. Mayer, Jr., P.E.
Structural Engineer

SFWMD project to improve the Pump Station S-127 on Lake Okeechobee – Mr. Mayer was the Engineer Manager for the to design a new intake basin and a manatee friendly raking system along with two-story hurricane resistant command center building and other site improvements.

South Florida Water Management District (SFWMD) – Mr. Mayer also served as Task Engineer Manager for the civil, structural, and mechanical engineering design of 925 cfs vertical pump equipment and two pump stations for STA 3/4 Pump Stations G-370 (3,000 cfs) and G-372 (4,000 cfs). He also was Lead Engineer Manager performing the construction administration of these structures. In addition, he served as Project Manager for the preparation of design- build documents to replace the bearings and shafts and incorporate suction basin rehabilitation work for seven (7) 800cfs drainage pumps at SFWMD Stations S-7 and S-8. He provided engineering support during construction to the district for this project. Mr. Mayer further assisted the SFWMD in its review of Contractor's proposed pump equipment and materials procurement submittals and attended manufacturer witness tests for SFWMD for Pump Stations G-370/G- 372, S-7 and S-8 Intake, S-26B, G-420, and Forward Pumps on Lake Okeechobee.

SFWMD, Major Pumping Station – Mr. Mayer served as the Engineering Manager authoring the promulgation of Engineering Guidelines Manual standard which was completed in 2006. All major pump station designs follow this engineer standard.

Mr. Mayer worked for the international engineering firm of Louis Berger International (Berger Barnard and Thomas, Inc. in Louisiana) for 13 years. During this tenure Mr. Mayer was promoted to be the Chief Operating Officer. Mr. Mayer's experience included the program management of many major projects requiring interfacing with local, state, federal, and foreign governments. While in charge of the New Orleans office, he was Program Manager for over \$100 million of interior drainage improvement in Jefferson and Orleans Parishes including the expansion of the Hero and Planters Pumping Stations, dredging of many miles of interior drainage canals that required land acquisition, relocation of facilities and proper disposal of dredged materials to minimize environmental impacts to the adjacent lands while improving the levees and canal drainage systems. Mr. Mayer was Engineer Manager for the expansion of the Hero Pumping Station from 1,300 cfs to 3,900 cfs and the expansion of the Planters Pumping Station from 1,250 cfs to 2,500 cfs in Jefferson Parish, Louisiana. Both projects consisted of the design of new stations and the expansion of suction and discharge canals to house large low-lift drainage pumps. Two types of pumps were utilized: 1) horizontal axial flow pumps ranging in size from 7 to 14 feet in diameter, and 2) vertical pumps with a capacity of 350 cfs installed in various combinations to meet each station's pumping capacity.

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT**Name & Title:**

David L. Atkins
Designer

**Project Assignment:**

Roadway Designer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

9 (2015)

Education: Degree(s)/Year/Specialization:

N/A

Active registration: Year first registered/discipline:

Active Registration: Year First Registered:

Discipline: State: License No.: N/A

Other experiences and qualifications relevant to the proposed Project:

Mr. Atkins has 45+ years of Design and Construction Administration experience for local, state and federal agencies in Mississippi and Louisiana. Mr. Atkins is a well-rounded designer with experience in roads, bridges, hydraulics, sewer treatment and collection, water treatment and distribution, permitting, large scales erosion control projects and miscellaneous Airport design.

HIS EXPERIENCE IS AS FOLLOWS:***Road and Bridge Experience***

Mr. Atkins has designed and constructed over 100 Mississippi State Aid Road and Bridge Projects in Adams and Wilkinson Counties. Mr. Atkins was involved in the widening of U.S. 61 and U.S. 84 (50 miles) and the relocation of Hwy 33 and 28 for MDOT. *(Work performed under previous consulting firm).*

Airport Experience

Mr. Atkins has designed all major aspects of the Natchez-Adams County Airport, including runways, T-hangers, drainage, etc. *(Work performed under previous consulting firm).*

Natchez Bluff Stabilization - The project required the design and construction of: 2 permanent soil nail walls with over 100,000 square feet of permanent shotcrete. More than 2,900 permanent soil nails. Over 2,500 feet of permanent soil nail wall, up to 62 feet high. Over 500 lineal feet of a permanent tieback soldier beam wall up to 48 feet high. Excavation, hauling and placement of over 100,000 cubic yards of dirt. *(Work performed under previous consulting firm).*

SPN H.012884, FAP H.012884: Woodmere Blvd. Panel Replacement, Jefferson Parish, LA: Mr. Atkins performed quantity take-offs and QC/QA for this concrete panel replacement project with an expected cost of \$3,000,000. *HEI Project*

No. 12-092-13

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.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

David L. Atkins
Designer

C. Braud Road Safety Widening, Ascension Parish, LA: Approx. 1 mile of safety widening along C. Braud Rd. and adding turning lanes on LA 928 onto C. Braud Rd. Design includes Roadway, Drainage and Sequence of Construction.
HEI Project No. 12-031-13

UTL-18-0802, Hwy 42 Gravity Sewer Improvements (Cully Broussard Road to Harbor Lane), Ascension Parish, LA. Designed approximately 1,400 linear feet of gravity sewer (this included design of subsurface installation of approximately 100 linear feet of gravity sewer) along LA Hwy 42 from Cully Broussard Road to Lake Harbor Lane including two Hwy 42 crossings via Jack or Bore. This design work included all plan sheets and specifications necessary to bid out for construction. This work was required to connect existing and future services to the parish owned sanitary sewer line on the south side of LA Hwy 42. Additional Task Order was assigned (UTL-17-002 - Task Order No. HEI-19-002) Developed plans and specifications for an additional sewer tail line North of Hwy 42 {Galvez Seafood location} into the gravity main south of Hwy 42. Prepared DOTD permit applications for two (2) LA HWY 42 road crossings via Jack or Bore. HEI Project No.12-031-14

Germany Road Gravity Sewer Improvements, Ascension Parish, LA. HEI developed a preliminary engineering design and construction cost estimate for installation of sanitary sewer along Germany Road from Airline highway to LA Highway 44. HEI Project No. 12-031-15

UTL-17-002, Task Order No. HEI-19-003, LA HWY 42 – LA HWY 73 Roadway Corridor (Project Area P1-6), Ascension Parish, LA.: HEI performed a preliminary engineering study to determine two potential sewer collection alignments / conceptual design including construction costs based upon finding of current sewer flows.
HEI Project No. 12-031-12C

Sewer and Water Experience

Mr. Atkins has designed and constructed over 90 sewer collection and 75 water distribution projects. He was also responsible for upgrading the capacity of Natchez Water and Wastewater Treatment Plants and managed the O&M for both. *(Work performed under previous consulting firm).*

Drainage and Erosion Control Experience

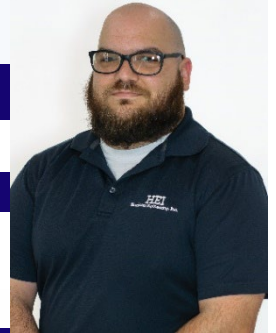
Mr. Atkins has designed and constructed over 150 NRCS EWP projects. The largest being the Natchez Bluff Stabilization project funded by the USACE and NRCS, *(\$30 million construction cost)*. Mr. Atkins managed and designed over 25 projects funded by the USACE 592 program. *(Work performed under previous consulting firm).*

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Connor D. Guidry, E.I.
Project Engineer

**Project Assignment:**

Project Engineer

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

7 (2017)

Education: Degree(s)/Year/Specialization:

B.S., 2018, Civil Engineering, Louisiana Tech University, Ruston, LA

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 2018

Discipline: Engineer Intern State: Louisiana License No.: EI33801**Other experiences and qualifications relevant to the proposed Project:**

Mr. Guidry first started with HEI as an engineering intern in 2016. He began full-time after graduating in 2018, and also gained his E.I. license that year. Mr. Guidry has experience in Roadway/Highway, Drainage, and Sewer projects, with many of the projects including safety widening and intersection improvements.

LADOTD SP 700-26-0234, 826-44-0027; Hickory Avenue (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA: Currently designing 60% final plans for LA 3154 to a 4-lane, urban-divided highway with subsurface drainage. Review includes performing checks on vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers *Pump to the River* project and Entergy's Transmission Towers, and corrections to reflect current 2006 specifications and current bid items. (HEI Project No. 12-092-06)

Intersection Improvements (Veterans Blvd. – Bonnabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA: Mr. Guidry provided Engineering support for this capacity improvements project at the intersection of Vets/Bonnabel. Additional left turn lanes are included in both directions along Veterans, new U-turns along Bonnabel, new signal to include pedestrians and future bike path. (HEI Project No. 11-014-95)

SPN H. 014316 LADOTD – Lapalco Blvd. Phase 2, - Tanglewood to Victory - Jefferson Parish, LA: Project Manager for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Mr. Monceaux is responsible for Project Management activities and active participation in design. The Project is approximately 0.7 miles and includes a 2-lane section from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control and a new signal. (HEI Project No. 11-014-53-06)

SPN H.011007.5, Chateau Blvd. Resurfacing (W. Esplanade Ave. to Vintage Dr.), Project No. 2014-007-RB, Contract No. 4400005982, Kenner, LA: Mrs. Connelly was the Lead Roadway Engineer for the preparation of Plans (letter size) and Specifications for the design of a resurfacing project for 0.75 miles of a boulevard section, which

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Connor D. Guidry, E.I.
Project Engineer

included Milling and Asphalt Concrete Overlay, Base Course Replacement, and Curb and Gutter Replacement. Construction Value of \$1.2 million. (HEI Project No. 12-092-12)

Oakwood Smart Growth – Whitney Ave.(Hector St. to Cook St. & West Bank Expwy.) (Milton St. to Terry Pkwy.) Parish Project No. 2017-057A-RBP, Jefferson Parish, LA: The project consists of sidewalk and bike path improvements on streets surrounding the Oakwood Center, intersection improvements at Terry Pkwy. And Wright Ave., constructing a box culvert to provide a cross-over on Wright Ave., and restriping of Wright Ave. from Terry Pkwy. to Hector St., including re-striping of the modified intersections. (HEI Project No. 11-014-94)

Acadian Road Roundabout Route LA 20 (Canal Blvd.) and Local Routes (Back St., Jackson St., Thompson Pl.), Contract No. 4400004485, SPN. H009320.5, FAP No. H009320, Lafourche Parish, LA: Design of a traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson ST. in Thibodeaux, LA. The proposed roundabout shall branch from LA 20 into Canal Blvd. and Jackson St., also connecting Back St. and Thompson Pl. at the east and west approaches. Design will conform to EDSM V1.11.6. (HEI Project No. 12-092-09)

Lapalco Boulevard Improvements (Victory Drive – Westwood Drive), JPPW No. 96-019D-RBI, SPN. 742-26-0033, FAP No. HP-STP-6130(010) (Phase II), Jefferson Parish/LaDOTD, LA: Preliminary and final construction plans for 0.8 miles of road widening (from 4-6 lanes), drainage improvements, wetland delineation and jurisdictional determination, public hearings, regulatory agency coordination, permitting, (404 from COE, Coastal Use from LDNR, Water Quality Certification from LDEQ), and wetland mitigation. (HEI Project No.11-014-53)

Public Works No. 2017-046-RBP – Lapalco Blvd. Bridge over Harvey Canal – Jefferson Parish, LA: Mr. Guidry is project engineer. HEI is providing all Roadway Design services for Eastbound and Westbound roadways to install a new Westbound bridge crossing Harvey Canal. (HEI Project No. 11-014-53-86)

SPN H.012914.5, LADOTD - Task Order – LA 3073: Ambassador @ Bonin Improvements, IDIO Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62: HEI's responsibilities will include extending existing turn lanes to LA 89 and LA 3073. Extend the eastbound and westbound left turn lanes on LA 3073 and remove island between the left turn lane and the through lanes. Also, extend the eastbound and westbound right turn lanes on LA 3073. The widening of roadway and the median modifications in appropriate locations are to meet design standards. (HEI Project No. 12-092-14z)

Roosevelt Blvd. Roadway Improvements – W. Metairie Ave. to W. Napoleon Ave., S.P.N. H.615120, City of Kenner, LA: Project improvements include the reconstruction of Roosevelt Boulevard from W. Napoleon Avenue to W. Metairie Avenue. Work comprises of the following: pavement removal and replacement, drainage lateral replacement, curb inlet adjustments, drainage trunkline repairs, roadway cross-slope correction, driveway replacement (to R/W), minor sidewalk adjustments (at driveways), and removal of median trees. (HEI Project No. 11-011-88)

RR056 Gentilly Terrace Group F – Project No. 2021-RR056 (DPW FEMA PW No. 21032) City of New Orleans, LA: HEI is responsible for performing design engineering services and construction administration services for FEMA-eligible roadway repairs on assigned streets within RR056 Gentilly Terrace Group F neighborhoods. Includes replacing damaged underground water, sewer, and drainage lines, repaving the roadway, replacing, replacing damaged sidewalks and driveway aprons, and installing ADA compliant curb ramps at intersections. (HEI Project No. 11-076-10)

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Madeline M. Bourgeois, E.I.
Project Engineer

**Project Assignment:**

Project Design

Name of Firm with which associated:**Years' experience with this Firm:**

3 (2021)

Education: Degree(s)/Year/Specialization:

B.S., 2019, Civil Engineering, Louisiana State University, Baton Rouge, LA

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: 2021

Discipline: Engineer Intern State: Louisiana License No.: EI34782**Other experiences and qualifications relevant to the proposed Project:**

Ms. Bourgeois just started with HEI as an engineering intern in 2021. She began full-time in January 2022. Ms. Bourgeois has experience in Roadway/Highway projects, with these projects including safety widening and intersection improvements.

SPN H. SPN H.014100.5, LADOTD - Task Order – LA 408: I-110 End of Concrete Section (Hooper Rd.), IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62: The project includes concrete panel replacement and composite pavement repair along the travel lanes of LA 408 from 565- ft west of the CL of the I-110 overpass up to the end of concrete section (and including the intersection of LA 410 and LA 408). The Project also includes curb repair as needed. HEI Project No. 12-092-14a

SPN H.0141112, LADOTD - Task Order – LA 16, IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62: HEI's responsibilities will include removing the existing storm drain system and replace with a larger system. Also, to reduce head losses and sedimentation by removing the 90° angle in the system and implement uniformity in pipe size where applicable. These improvements will help prevent the flooding of LA 16 by adding a properly sized system with reduced head losses and in addition helping to eliminate flooding possibilities for the businesses fronting LA 16. HEI Project No. 12-092-14b

SPN H.012914.5, LADOTD - Task Order – LA 3073: Ambassador @ Bonin Improvements, IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62: HEI's responsibilities will include extending existing turn lanes to LA 89 and LA 3073. Extend the eastbound and westbound left turn lanes on LA 3073 and remove island between the left turn lane and the through lanes. Also, extend the eastbound and westbound right turn lanes on LA 3073. The widening of roadway and the median modifications in appropriate locations are to meet design standards. HEI Project No. 12-092-14z

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Madeline M. Bourgeois, E.I.
Project Engineer

Roosevelt Blvd. Roadway Improvements – W. Metairie Ave. to W. Napoleon Ave., S.P.N. H.615120, City of Kenner, LA: Project improvements include the reconstruction of Roosevelt Boulevard from W. Napoleon Avenue to W. Metairie Avenue. Work comprises of the following: pavement removal and replacement, drainage lateral replacement, curb inlet adjustments, drainage trunkline repairs, roadway cross-slope correction, driveway replacement (to R/W), minor sidewalk adjustments (at driveways), and removal of median trees. (HEI Project No. 11-011-88)

SPN H. 014316 LADOTD – Lapalco Blvd. Phase 2, - Tanglewood to Victory - Jefferson Parish, LA: Project Engineer for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Ms. Bourgeois has an active role participating in design. The Project is approximately 0.7 miles and includes a 2-lane section from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control and a new signal. (HEI Project No. 11-014-53-06)

Veterans Memorial Blvd. Multi-Use Path and Improvements, DPW No. 2021-011-RB Jefferson Parish, LA: The project consists of designing an ADA compliant bicycle and pedestrian path, signage for the Lafreniere Park Entrance, landscaping, locations for art and sculptures, cross corridor pedestrian access, and application of complete street policy on Veterans Memorial Blvd. to N. Scenic Drive. This project includes a proposed bike path along Downs Blvd from Veterans Memorial Blvd. to N. Scenic Dr., approximately 180-ft into Lafreniere Park from the park entrance. (HEI Project No. 11-014-102)

RR056 Gentilly Terrace Group F – Project No. 2021-RR056 (DPW FEMA PW No. 21032) City of New Orleans, LA: HEI is responsible for performing design engineering services and construction administration services for FEMA-eligible roadway repairs on assigned streets within RR056 Gentilly Terrace Group F neighborhoods. Includes replacing damaged underground water, sewer, and drainage lines, repaving the roadway, replacing, replacing damaged sidewalks and driveway aprons, and installing ADA compliant curb ramps at intersections. (HEI Project No. 11-076-10)

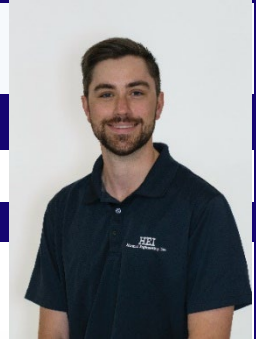
Move Ascension Program – Roddy Road – Clearing and Grubbing: US 61 to LA 935, Project No. MA-1702-A, Ascension Parish, LA: This project consisted of the Clearing, grubbing, and removal and installation of fence for future safety widening of Roddy Road. HEI provided Resident Inspection Services to ensure that the project was built in accordance with the plans and specs. (HEI Project No. 12-031-13-02)

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.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Jordan E. LeBas, E.I.
Project Engineer

**Project Assignment:**

Project Design

Name of Firm with which associated:**Years' experience with this Firm:**

1 (2023)

Education: Degree(s)/Year/Specialization:

B.S., 2021, Civil Engineering, Louisiana State University, Baton Rouge, LA

Active registration: Year first registered/discipline:Active Registration: Year First Registered: 2023Discipline: Engineer Intern State: Louisiana License No.: EI35548**Other experiences and qualifications relevant to the proposed Project:**

Mr. LeBas just started with HEI as an engineering intern in 2023. Mr. LeBas has been in training with HEI since being employed at the beginning of 2023 with gaining knowledge in Roadway/Highway projects, Levee projects, and Drainage projects. Recently gaining his E.I. licenses.

LADOTD SP 700-26-0234, 826-44-0027; Hickory Avenue (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA: Currently designing 60% final plans for LA 3154 to a 4-lane, urban-divided highway with subsurface drainage. Review includes performing checks on vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers *Pump to the River* project and Entergy's Transmission Towers, and corrections to reflect current 2006 specifications and current bid items. (HEI Project No. 12-092-06)

Bedico-Faubourg Interconnect 12-inch Waterline, St. Tammany Parish, LA: Prepare Construction Plans and Specifications, Bidding and Construction Management Services for 5,000 LF of 12" Waterline Extension. This project will connect two different water systems. (HEI Project No. 12-126-02)

Roosevelt Blvd. Roadway Improvements – W. Metairie Ave. to W. Napoleon Ave., S.P.N. H.615120, City of Kenner, LA: Project improvements include the reconstruction of Roosevelt Boulevard from W. Napoleon Avenue to W. Metairie Avenue. Work comprises of the following: pavement removal and replacement, drainage lateral replacement, curb inlet adjustments, drainage trunkline repairs, roadway cross-slope correction, driveway replacement (to R/W), minor sidewalk adjustments (at driveways), and removal of median trees. (HEI Project No. 11-011-88)

Garyville Pump Station and Force Main, St. John the Baptist Parish, LA: Project includes a new transfer pump station and discharge force main from the existing Garyville WWTP site to the Reserve Wastewater Treatment Pond. The new submersible lift station will require an Emergency Pump Out (EPO) manhole and fiberglass valve pit and wet well. The initial capacity analysis based on influent flow information from the flow monitor at the existing Garyville WWTP had determined that the station requires a peak flow capacity of 1.6 MGD or 1,200 gallons per minute to properly service the area during peak wet weather flow times. A new force main is being constructed by directionally drilling a new 12" HDPE FM approximately 26,500 linear feet in length that discharges to the Reserve Wastewater Treatment Pond Headworks. (HEI Project No. 12-023-07)

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Stephen F. Urquhart
Civil/CADD Technician

**Project Assignment:**

Drafting and AutoCADD / Microstation Services

Name of Firm with which associated:

HEI Hartman Engineering, Inc.
Consulting Engineers

Years' experience with this Firm:

27 (1997)

Education: Degree(s)/Year/Specialization:

Assoc. Degree, Drafting/Design (AutoCADD/GIS), Baton Rouge Tech
Architecture Courses, University of Southwestern Louisiana

Active registration: Year first registered/discipline:

N/A

Other experiences and qualifications relevant to the proposed Project:

Mr. Urquhart has been a long-time member of HEI. Through his many years of service, he has amassed a wide range of drafting experience. In addition, through the years, he has become a competent design assistant on many diverse and complex projects. Mr. Urquhart is experienced in AutoCAD drafting/designing, ESRI ArcView/GIS mapping and database, extraction of GPS survey data for use in mapping via ArcView/GIS, illustrations, and renderings.

LADOTD SP 700-26-0234, 826-44-0027; Hickory Avenue (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA:

Currently designing 60% final plans for LA 3154 to a 4-lane, urban-divided highway with subsurface drainage. Design includes vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers *Pump to the River* project and Entergy's Transmission Towers. (HEI Project No. 12-092-06)

Intersection Improvements (Veterans Blvd. – Bonabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA:

Mr. Urquhart provided all drafting services for this capacity improvements project at the intersection of Vets/Bonnabel. Additional left turn lanes are included in both directions along Veterans, new U-turns along Bonabel, new signal to include pedestrians and future bike path. (HEI Project No. 11-014-95)

Parish Project No. 2017-057A-RBP, Oakwood Smart Growth - Witney Ave., Jefferson Parish, LA:

The project consists of sidewalk and bike path improvements on streets surrounding the Oakwood Center, intersection improvements at Terry Pkwy. And Wright Ave., constructing a box culvert to provide a cross-over on Wright Ave., and restriping of Wright Ave. from Terry Pkwy. to Hector St., including re-striping of the modified intersections. (HEI Project No. 11-014-94)

LADOTD SP 742-26-0033; Lapalco Blvd. Improvements, Jefferson Parish, LA:

Mr. Urquhart provided drafting services for the widening of 7 miles of major urban/rural multilane arterial. Also provided all drafting services for high level bridge and widening of existing bridge. (HEI Project #11-014-53)

SPN H. 014316 LADOTD – Lapalco Blvd. Phase 2, - Tanglewood to Victory - Jefferson Parish, LA:

Project Manager for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Mr. Monceaux is responsible for Project Management activities and active participation in design. The Project is

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.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Stephen F. Urquhart
Civil/CADD Technician

approximately 0.7 miles and includes a 2-lane section from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control and a new signal. (HEI Project No. 11-014-53-06)

C. Braud Road Safety Widening, Ascension Parish, LA: Approx. 1 mile of safety widening along C. Braud Rd. and adding turning lanes on LA 928 onto C. Braud Rd. Design includes Roadway, Drainage and Sequence of Construction.

HEI Project No. 12-031-13

SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), LaFourche Parish, LA: Performed CAD services for design of a traditional shaped dual lane 5 legged roundabout at the intersection of LA 20 and Jackson St. in Thibodaux, LA. The improvements include roadway widening, valve engineering, utility relocations, drainage design, geometric design, extensive phasing and temporary traffic control. Design will conform to EDSM V1.11.6., and current 2017 roadway design guidelines.

HEI Project No. 12-092-09

DPW No. 2016-030-DR, West Metairie Bridge over Soniat Canal (East Bound): The project consisted of a new concrete bridge along Eastbound West Metairie crossing Soniat Canal. The project included installation of concrete pipe, roadway replacement, temporary bridge, slope paving and retaining walls. (HEI Project No. 11-014-92)

Subsurface Improvements to Sena Drive (Phase I & II), Project No. 2009-040-DR, Jefferson Parish, LA: Design and construction administration for subsurface drainage improvements between Nero Street and West Esplanade Avenue consisting of gravity line installations watermain replacement, sanitary sewer replacement and the replacement of street, drive approaches and miscellaneous sidewalks. Extreme care had to be given to the existing live oak trees that lined both sides of the street. A professional arborist provided design assistance to the engineer. Mr. Urquhart provided drafting services. (HEI Project No. 13-014-78)

JP Project No. 2010-058-ST Manhattan Blvd. Resurfacing (Lapalco to Harvey Blvd.) : Mr. Urquhart provided all drafting services on the preliminary and final plans and specifications to mill an overlay Manhattan Blvd. Design includes mill and overlay asphaltic concrete, and concrete panel replacement. (HEI Project No. 12-087-03)

State Project No. 004747, F.A.P. No. STP-3609-(518), Lake Forest Blvd (I-510-Eastover), Orleans Parish, LA: Provided CADD services for the extension (approx. 650') a new westbound section of this urban collector road, approximately 450 ft west of its interchange with I-510. Responsible for the design and coordination efforts between LADOTD, City of New Orleans, and the Regional Planning Commission. HEI Project No. 12-092-08

NOLA Motorsports Park, Laney Chouest (Owner), Jefferson Parish, LA: Provided drafting for design of a 450-acre auto racetrack complex, including a go-kart track, miscellaneous service buildings, condominiums and other race track related facilities. Project included an overall site drainage study; design of access roads and parking areas (115,000 SY), 8" water mains (22,315 LFT), 8" sanitary sewer (12,345 LFT), multiple pump stations with force mains (11,400 LFT), various sized storm drainage facilities (15,150 LFT); and an overall site grading plan. HEI Project No. 13-115-01

Stage 0 report for CMAO funding for LA 30 and Purpera Intersections (Stage 0 Report for Cornerview Mill and Overlay), City of Gonzales, LA: The purpose of this study is to develop and evaluate a left turn lane for traffic safety and efficient traffic movement at the intersection of LA 30 and Purpera in the City of Gonzales. The consultant will examine two alternatives: the first involves the use of traditional Transportation System Management (TSM) improvements such as the installation of a left turn lane. The second is a no build option. Both alternatives will be compared based upon overall traffic efficiency, safety, and costs. Mr. Urquhart provided drafting services for this study. (HEI Project No. 12-031-06)

AIP 3-22-006-81 SPN 917-01-082: Baton Rouge Metropolitan Airport - Blount Road Relocation, East Baton Rouge Parish, LA: Mr. Urquhart provided drafting services for the preparation of preliminary and final construction plans, specifications, and Regulatory Bridge Permit for Cypress Bayou (USACE Nationwide Permit) to relocate 3500 feet of

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Stephen F. Urquhart
Civil/CADD Technician

a 2-lane minor arterial roadway, which included the design of a 300 foot Type II PPC Girder Bridge with precast concrete piles, horizontal and vertical alignment, and hydraulic design of storm sewers and cross drains. (HEI Project No. 12-093-06)

SPN H.004957, I-12 to Bush Corridor LA3241 (I-12 to LA36) St. Tammany Parish, LA.: The project improvements include preliminary design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor is primarily a control-of-access route featuring bridge and intersection design. HEI provides consultant coordination and project management, QA/QC coordination, geometric roadway and intersection design, drainage design, roadway modeling via InRoads software, specifications review and preparation, construction cost estimate and quantity take-offs preparation. Mr. Urquhart provided drafting services. (HEI Project No. 12-092-10)

P.W. No. 2005-056-RB, Wall Boulevard Reconstruction, Jefferson Parish, LA: Responsible for plans and specifications necessary to reconstruct a 4,000-foot segment of minor arterial roadway. Design included vertical and horizontal alignment and drainage as per LADOTD specifications. Provided engineering services during bid and construction phases of project. (HEI Project No. 11-014-62)

LADOTD SP 023-06-0060 (Construction), US167, N. Hodge to Quitman, Jackson Parish, LA.: Mr. Urquhart provided drafting services in the preparation of plans for 90% - 100% submittal, which included quantity computations, cross section review/adjustments, review of horizontal and vertical alignment, typical section revisions, plan/profile revisions, hydraulic design check, PPC girder bridges, sequence of construction revisions, and final cost estimates. HEI is providing engineering services during construction. (HEI Project No. 12-092-07)

One Bridge Crossing Replacement (Roundtree Road), Ascension Parish, LA.: Mr. Urquhart provided drafting services to demo existing timber bridge and replace with new concrete slab span bridge. (HEI Project No. 12-031-03)

LA 30 at Purpera Intersection Improvements, LADOTD S.P.N. H.0011490, Ascension Parish, LA.: This project includes intersection improvements for traffic safety and efficient traffic movement at LA 30 and Purpera Avenue in the City of Gonzales. The proposed improvements include widening LA 30 to provide room for constructing a left turn lane for eastbound traffic. An improved striping plan, potential drainage improvements, removal of a commercial driveway, and new pavement are all incidental improvements to the proposed work. (HEI Project No. 12-031-07)

Carey Street Resurfacing, City of Slidell, LA.: Design and bidding services for the resurfacing of Carey Street in the City of Slidell. The project limits are Carey Street between Brakefield Street and the bridge at Bayou Pattasat. The length of the project is approximately 255 feet and consists of milling the existing street surface and placing an asphalt overlay as well as miscellaneous drainage improvements. (HEI Project No. 12-090-10)

Gathright Street Extension, City of Lafayette, LA.: Design and construction administration for the extension of Gathright Street to connect to Carolyn Drive. The project consisted of approximately 20 feet of asphalt roadway with miscellaneous drainage and grading improvements. (HEI Project No. 13-113-01)

Roosevelt Blvd. Roadway Improvements – W. Metairie Ave. to W. Napoleon Ave., S.P.N. H.615120, City of Kenner, LA: Project improvements include the reconstruction of Roosevelt Boulevard from W. Napoleon Avenue to W. Metairie Avenue. Work comprises of the following: pavement removal and replacement, drainage lateral replacement, curb inlet adjustments, drainage trunkline repairs, roadway cross-slope correction, driveway replacement (to R/W), minor sidewalk adjustments (at driveways), and removal of median trees. (HEI Project No. 11-011-88)

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Gavin Fleming
Construction Manager

**Project Assignment:**

Construction Manager

Name of Firm with which associated:**Years' experience with this Firm:**

1 (2023)

Education: Degree(s)/Year/Specialization:

Louisiana State University, Baton Rouge, La
Bachelor of Science, Construction Management, 2008

Active registration: Year first registered/discipline:Active Registration: Year First Registered: N/A

Discipline: State: License No.:

Other experiences and qualifications relevant to the proposed Project:

Mr. Fleming has 15 years of Construction Management experience. Responsibilities include managing office personnel, meeting clients, estimating/budgeting projects, interpreting project documents, managing and analyzing projects. Construction Markets include Commercial and Municipal.

Florence Street Drainage Improvements, Paillet Ave. to Brown Ave. Canal (PWP No. 2020-004-DR), Jefferson Parish, LA: HEI is providing professional engineering services for Design and Construction Administration. This project includes the installation of approximately 300 ft. of 54" RCP, and 400 ft. of 60" RCP along Florence Street between Paillet Avenue and the Brown Avenue Canal, including catch basins, manholes, outfall, street replacement, mill, and overlay of roadway, relocations of utilities that interfere with the construction, and other incidentals.

(HEI Project No. 11-014-98)

Veterans Memorial Blvd. Multi-Use Path and Improvements, DPW No. 2021-011-RB Jefferson Parish, LA: The project consists of designing an ADA compliant bicycle and pedestrian path, signage for the Lafreniere Park Entrance, landscaping, locations for art and sculptures, cross corridor pedestrian access, and application of complete street policy on Veterans Memorial Blvd. to N. Scenic Drive. This project includes a proposed bike path along Downs Blvd from Veterans Memorial Blvd. to N. Scenic Dr., approximately 180-ft into Lafreniere Park from the park entrance.

(HEI Project No. 11-014-102)

Rosehill Construction - Project Manager for construction of multi-story storage buildings.

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Gavin Fleming
Construction Manager

Awarded Construction Contracts

North Caddo Medical Center Vivian, LA \$19,762,000	Drew Memorial Hospital Monticello, AR \$18,526,000
Center Municipal Auditorium - Remodel Shreveport, LA \$3,699,500	Wal-Mart Neighborhood Market Mandeville, LA \$4,200,000
Lone Star College – Central Plant Montgomery, TX \$3,150,000	Good Shepherd Medical Center Longview, TX \$3,413,000
First United Methodist Church Minden, LA \$3,012,100	Christus NICU Shreveport, LA \$2,900,000
Red River High School Athletic Complex Coushatta, LA \$2,259,000	TRMC – Women's Clinic Thibodeaux, LA \$2,230,000
Eldorado Buffet Remodel Shreveport, LA \$2,200,000	Waller Convenience Store Minden, LA \$1,198,883
Aveda Institute Lone Star College – Greens point Austin, TX Houston, TX \$1,858,000	Lone Star College – Greens point Houston, TX \$ 1,229,000
Wal-Mart Super Center Remodel Lake Charles, LA \$1,255,000	Chamberlain School of Nursing Lake Charles, LA Houston, TX \$911,407
Kroger 381 Alexandria, LA \$997,800	Raceway Gas Station Cocoa, FL \$1,290,000

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Jules E. Simoneaux, III
Resident Inspector

Project Assignment:

Resident Inspector

Name of Firm with which associated:**Years' experience with this Firm:**

12 (2012)

Education: Degree(s)/Year/Specialization:

Louisiana State University Construction Technology Naval Submarine School
University of Southwestern Louisiana – General Business

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: N/A

Discipline: State: License No.:

Other experiences and qualifications relevant to the proposed Project:

Mr. Simoneaux has an extensive work history of Resident Inspection.

Ave D Drainage Project Phase VII, PWP No. 2014-026-DR.- Resident Inspector. Hartman Engineering, Inc. Installation of 48" drain line along Allo Street and Avenue C between 4th Street and 6th Street.

Hanson City Task II - Resident Inspector. Hartman Engineering, Inc. Installation of 3,500 L.F. of 14" HDPE SFM via HDD.

Esplanade Rehab (Tartan Dr. to Haring Dr.) PWP No. 2016-028-RB – Resident Inspector. T. Baker Smith (Prime) / Hartman Engineering, Inc. (Sub). Complete street reconstruction, new drain, sewer, and water lines.

Sena Drive project Phase III – Resident Inspector. Hartman Engineering, Inc. Complete Street reconstruction, new drain, sewer and water lines.

STAC Phase 3 – Resident Inspector, MSMM Engineering, LLC. Drainage detention. Pond/STEM Building.

Millsaps Place – Drainage Improvement – Resident Inspector. Hartman Engineering, Inc. New 54" x 88" RCPA.

Hanson City Task I – Rehabilitation Of Two Sanitary Sewer Lift Stations – Resident Inspector. Hartman Engineering, Inc.

Sena Drive project Phase I & II – Resident Inspection. Hartman Engineering, Inc. Complete street reconstruction, new drain, sewer and water lines.

TEC Professional Services Questionnaire

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Carl Ladmirault
Resident Inspector

Project Assignment:

Resident Inspector

Name of Firm with which associated:

HEI **Hartman Engineering, Inc.**
Consulting Engineers

Years' experience with this Firm:

1 (2023)

Education: Degree(s)/Year/Specialization:

Louisiana State University, 3 years (Construction Technology//Communications)

Carpenters Local 1098 Apprenticeship Program

Blueprint / Site Survey

Active registration: Year first registered/discipline:

Active Registration: Year First Registered: N/A

Discipline: State: License No.:

Other experiences and qualifications relevant to the proposed Project:

Mr. Ladmirault has over 40 years of experience in construction services along with professional and technical expertise in construction layout, quality assurance and quality control, operation and maintenance instruction, field inspection, coordination of utility relocations, and safety. Additional experience in industrial safety programs and inspections includes monitoring permits for confined space entry, hot work, haz-com orientation, safety audits, accident reports and investigations.

Manager of Construction - HWY 486 – Relocated – Natchitoches, LA. - This was a 1.4-million-dollar project to permanently relocate LA HWY 486 to provide more working room for the Natchitoches Parish Port Commission. Responsibilities of the job included direct liaison with, United States Corps of Engineers, LADOTD, Natchitoches Parish Port Commission, and the City of Natchitoches. Field duties included providing and training Owners Representatives to inspect and document the work in progress.

Project Manager, OA/OC Manager, Safety Manager- Maintenance Protection Systems, Inc. - Planning, coordination, and training of all field personnel for Maintenance Protection Systems, Inc. in industrial facilities in Louisiana, Texas, Mississippi, Tennessee, Alabama, and Florida. Project scopes included application of chemical and abrasion resistant coatings and tank linings, concrete repair, rebuild, and resurfacing, secondary containment inspections for DEQ/EPA compliance and Hydro Active grout injections for water intrusion and embankment stabilization.

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.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Carl Ladmirault
Resident Inspector

Project Manager – Maintenance Protection Systems, Inc. Hurricane Katrina Relief Efforts – Mary Queen of Vietnam 199 Unit FEMA Trailer Park. - This was a 4.2 million dollar, trailer park development in New Orleans East, to provide temporary housing for victims of Hurricane Katrina. Scope included site development, installation of all utilities, transport and setup of all trailers, and, final RFO (ready for occupancy) inspections.

Regional Project Manager – Sanders Bros Inc. Hurricane Katrina Relief Efforts – Pascagoula / Gulfport / Waveland, MS. - A massive effort to provide emergency housing for family residences across the MS Gulf Coast left displaced following the disaster of Hurricane Katrina. Responsibilities included coordination and management of over 360 workers mobilized to perform the setup, hookup, and make ready for occupancy of residential FEMA trailers and development of mobile home parks. The setup phase consisted of locating, site development, leveling, and anchoring the units. The hook up phase included electrical, water, and sewage installations. The make ready phase included the inspections of each unit.

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:

**Hickory Avenue
(LA 48 - Mounes),
Rt LA 3154, SPN 700-26-0234
826-44-0027**

Jefferson Parish, LA
(HEI Project No. 12-092-06)

Owner:
Louisiana DOTD
1201 Capitol Access Road
Baton Rouge, LA 70802

Project Manager:
Brent Waguespack, P.E.
225-379-1524
Brent.Waguespack@la.gov



Nature of Firm's Responsibility:



(Currently working on 60% Final Plans)

Provide engineering and surveying services required to prepare preliminary and final construction plans for LA 3154; four lane urban divided highway with a subsurface drainage system; constructed within existing right-of-way. Design included vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers *Pump to the River* project and Entergy's Transmission Towers.

% of work Performed in LA: 100%

Firm's Responsibility: Prime

Key Staff on Project:

- Jared B. Monceaux, P.E. (Project Manager)
- Sundararaja C. Rao, P.E. (Lead Design Engineer)
- Danielle B. Connelly, P.E. (Project Engineer)
- Connor Guidry (Project Engineer)
- Jordan E. LeBas (Project Engineer)
- Stephen F. Urquhart (Drafting)

Completion Date (Actual or estimated):

Start Date: November 2000
End Date: Ongoing

Estimated Cost:

Entire Project:

\$10,062,000 (Construction)




Work for which Firm was responsible:

\$541,000 (Fee)

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>DPW Project No. 2001-046F-DR(SELA), Harahan Pump to the River,</p> <p>Jefferson Parish, LA <i>(HEI Project No. 11-012-09)</i></p> <p><i>Owner:</i> Jefferson Parish Dept. of Drainage 1221 Elmwood Park Blvd., Suite 906 Jefferson, LA 70123</p> <p><i>Prime Consultant:</i> CDM-Smith 1515 Poydras St., Ste. 1350 New Orleans, LA 70112</p> <p><i>Project Manager:</i> Jessica Watts, P.E. 504-799-1167 wattsjl@cdmsmith.com</p> <p></p>	<div style="display: flex; justify-content: space-around;">   </div> <p>This is a unique project in terms of complexity, administration, design, and rights of way to relieve chronic flooding in southeastern portion of east bank of Jefferson Parish via Southeast Louisiana Urban Flood Control Project (SELA), of the COE: A 700' long Suction canal; a 1,200 cfs pumping station; Three 9,000' long 84" diameter discharge piping to the Mississippi River levee, Reinforced concrete levee crossing of discharge pipes; Reinforced concrete discharge basin in Mississippi River; coordination with local community, regulatory agencies and DOTD regarding a very old oak tree (the Old Dickory); and relocation of several high tension electrical transmission towers. Project involved Detailed Design, construction documents (Plans and Specifications), cost estimate, engineering during construction, and construction management/QA, for construction cost of \$106.8 Million.</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Subconsultant</p> <p>Key Staff on Project:</p> <ul style="list-style-type: none"> • Jared B. Monceaux, P.E. (Project Manager; QA/QC) • Rolland A. Mura, P.E. (Enviro. / Hydraulic Engineer) • Danielle B. Connelly, P.E. (Project Engineer) • Sundararaja C. Rao, P.E. (Hydraulic Engineer) • Stephen F. Urquhart (CAD Designer) 					
<p>Completion Date (Actual or estimated):</p> <p>Start Date: 2005 End Date: 2018</p>	<p>Estimated Cost:</p> <table border="1" style="width: 100%;"> <tr> <th data-bbox="602 1627 1065 1701">Entire Project:</th> <th data-bbox="1065 1627 1549 1701">Work for which Firm was Responsible:</th> </tr> <tr> <td data-bbox="602 1701 1065 1789"> <p>\$7.1M (Fee)</p> <p>\$106.8M (Construction)</p> </td> <td data-bbox="1065 1701 1549 1789"> <p>\$802 (Fee)</p> </td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	<p>\$7.1M (Fee)</p> <p>\$106.8M (Construction)</p>	<p>\$802 (Fee)</p>
Entire Project:	Work for which Firm was Responsible:					
<p>\$7.1M (Fee)</p> <p>\$106.8M (Construction)</p>	<p>\$802 (Fee)</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. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Lapalco Blvd. Improvements, Phase I (Victory Dr. to Westwood Dr.), SPN 742-26-0033 H.007175 F.A.P. No. 61301(010),</p> <p>Jefferson Parish, LA <small>(HEI Project No. 11-014-53)</small></p> <p><i>Owner:</i> Jefferson Parish Dept. of Public Works 1221 Elmwood Park Blvd. Jefferson, LA 70123</p> <p><i>Project Manager:</i> Mark Drewes, P.E. 504-736-6500 mdrewes@jeffparish.net</p> 	 <p>Preliminary and final construction plans for 0.8 miles of road widening, drainage improvements, wetland delineation and jurisdictional determination, public outreach and public hearings, regulatory agency coordination, permitting (404 from COE, Coastal Use from LDNR, Water Quality Certification from LDEQ), and wetland mitigation.</p> <p>% of work performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p><u>Key Staff on Project:</u></p> <ul style="list-style-type: none"> • Jared B. Monceaux, P.E. (Project Manager) • Tony R. Tramel, P.E. (Traffic Engineer) • Sundararaja C. Rao, P.E. (Lead Design Engineer) • Danielle B. Connelly, P.E. (Project Engineer) • Stephen F. Urquhart (Drafting) 	
Completion Date (actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was responsible:
<p>Start Date: 1998</p> <p>End Date: 2016</p>	<p>\$14,600,000 (Construction)</p>	<p>\$ 500,000 (Fee)</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. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Lapalco Blvd. Improvements, (Tanglewood to Victory Drive) SPN H.014316, DPW No. 97-025-RB Jefferson Parish, LA (HEI Project No. 11-014-53-86)</p> <p><i>Owner:</i> Jefferson Parish Dept. of Engineering 1221 Elmwood Park Blvd., Suite 904 Jefferson, LA 70123</p> <p><i>Project Manager:</i> Mark Drewes, P.E. 504-736-6500 mdrewes@jeffparish.net</p> 	 <p>Preliminary and Final construction plans for 0.8 miles of road widening (from 4-6 lanes), drainage improvements, new signalized intersection, wetland, delineation and jurisdictional determination, public outreach and public hearings, regulatory agency coordination, permitting (404 form COE, Coastal Use from LDNR, Water Quality Certification from LDEQ), and wetland mitigation. HEI provided Project Management, Environmental, Roadway and Traffic Engineering.</p> <p>% of work performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p><u>Key Staff on Project:</u></p> <ul style="list-style-type: none"> • Jared B. Monceaux, P.E. (Project Manager) • Tony R. Tramel, P.E. (Traffic Engineer) • Rolland A. Mura, P.E. (Environmental Engineer) • Sundararaja C. Rao, P.E. (QC/QA) • Danielle B. Connelly, P.E. (Lead Project Engineer) • Connor D. Guidry, E.I. (Project Engineer) • Stephen F. Urquhart (Drafting) 	
Completion Date (actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was responsible:
<p>Start Date: 1998</p>	<p>\$10,000,000 (Const.)</p>	<p>\$ 900,000 (Fee)</p>
<p>End Date: 2022</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. 5

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Lapalco Blvd. Bridge over Harvey Canal Public Works No. 2017-046-RBP Jefferson Parish, LA <small>(HEI Project No. 11-014-53-86)</small></p> <p><i>Owner:</i> Jefferson Parish Dept. of Engineering 1221 Elmwood Park Blvd., Suite 904 Jefferson, LA 70123</p> <p><i>Project Manager :</i> Mark Drewes, P.E. 504-736-6500 mdrewes@jeffparish.net</p> <div data-bbox="147 1192 511 1329">  Jefferson Parish State of Louisiana </div> <div data-bbox="233 1371 440 1591">  </div>	 <p>HEI is providing all Roadway Design services for Eastbound and Westbound roadways to install a new Westbound bridge crossing Harvey Canal.</p> <p>% of work performed in LA: 100%</p> <p>Firm's Responsibility: Sub Consultant to Hardesty & Hanover</p> <p>Key Staff on Project:</p> <ul style="list-style-type: none"> • Jared B. Monceaux, P.E. (Project Manager) • Tony R. Tramel, P.E. (Traffic Engineer) • Rolland A. Mura, P.E. (Environmental Engineer) • Sundararaja C. Rao, P.E. (QC/QA) • Danielle B. Connelly, P.E. (Project Engineer) • Connor D. Guidry, E.I. (Project Engineer) • Stephen F. Urquhart (Drafting) 	
Completion Date (actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was responsible:
<p>Start Date: 1998</p> <p>End Date: 2024 est.</p>	<p>\$87,302,000 (Const.)</p>	<p>\$ 500,000 (Fee)</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. 6

Project Name, Location and Owner's contact information:

**Midway Drive Drainage Improvements,
Jefferson Hwy. to Charlotte Dr.
(DPW No. 2020-005-DR)**

Jefferson Parish, LA
(HEI Project No. 11-014-99)

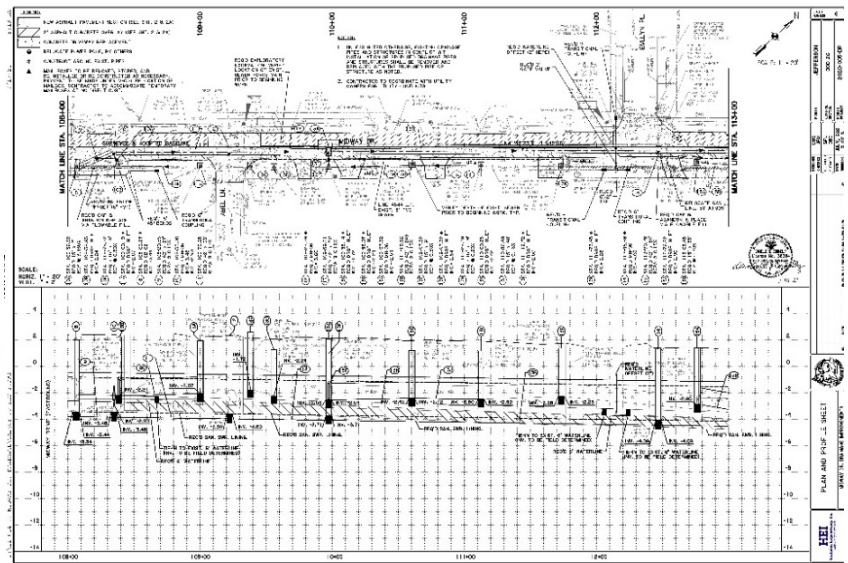
Owner:

Jefferson Parish
Dept. of Capital Projects
1221 Elmwood Park Blvd., Suite
906, Jefferson, LA 70123

Project Manager :
Neil Schneider, P.E.
504-736-6833
nschneider@jeffparish.net



Nature of Firm's Responsibility:



HEI provided professional engineering services for Design and Construction Administration. The project consisted of drainage improvements along Midway Drive between Jefferson Highway and Charlotte Drive, including installation of 42-inch equivalent arch pipe, catch basins, and minor parallel collection drainage. Other work includes partial roadway removal and replacement, cold plane and overlay, sidewalk construction, and minor water and sewer modifications due to drainage conflicts.

% of work Performed in LA: 100%

Firm's Responsibility: Prime

Key Staff on Project:

- Jared B. Monceaux, P.E. (Project Manager & QA/QC)
- Danielle B. Connelly, P.E. (Project Engineer)
- Sundararaja C. Rao, P.E. (Hydraulic Engineer)
- Stephen F. Urquhart (CAD Designer)

Completion Date (Actual or estimated):

Start Date: 3/2020

End Date: 2023

Estimated Cost:

Entire Project:

\$1,886,375



Work for which Firm was Responsible:

\$228.07 (Fee)

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>SPN 576-26-0028 H.003559</p> <p>Avenue D Drainage Improvements</p> <p>Jefferson Parish, LA (HEI Project No. 11-014-72, 12-014-76, 76-80)</p> <p>Owner: Jefferson Parish Dept. of Capital Projects 1221 Elmwood Park Blvd., Suite 906 Jefferson, LA 70123</p> <p>Project Manager: Neil Schneider, P.E. 504-736-6833 nschneider@jeffparish.net</p> <p>% of work Performed in LA: 100%</p> <p>Firm's Responsibility: Prime</p> <p>Key Staff on Project:</p> <ul style="list-style-type: none"> Jared B. Monceaux, P.E. (Project Manager) Sundararaja C. Rao, P.E. (Lead Design Engineer) Danielle B. Connelly, P.E. (Project Engineer) Tony R. Tramel, P.E., PTOE (Traffic Engineer) Stephen F. Urquhart (Drafting) 	<p>Design and CA of drainage projects (funded in part by LADOTD Statewide Flood Control), in highly urbanized neighborhood, including the upgrade of approximately 20,000 lf of storm drain pipe (15" – 96") and relocating approximately 10,000 lf of (6" – 48") waterlines and 8" sanitary sewer. The entire road was reconstructed as part of the project. The Project is divided into six (6) phases generally described as follows:</p> <p><u>HEI Phase I, Public Works Project No. 2008-043-DR, S.P.N. 576-26-0028(334).</u> Installation of 54", 72" and 78"x122" arch pipe along 8th Street between Avenue C and Gaudet Drive, and 54" and 60" drain line along Allo Street between 6th Street and 8th Street. (JP PHASE IV). (CONSTRUCTION COMPLETE)</p> <p><u>HEI Phase II-A, Public Works Project No. 2010-003-DR, S.P.N. 576-26-0028(335).</u> Installation of 54"x88", 72", 62"x102" and 2 – 10'x7' box culverts along Avenue D between the Westbank Expressway and 6th Street. (JP PHASE V). (CONSTRUCTION COMPLETE)</p> <p><u>HEI Phase III, Public Works Project No. 2012-006-DR, S.P.N. 576-26-0028(336).</u> Installation of 54" and 60" drain line along Avenue A, 60" and 72" along Avenue C, and 48" and 54" along Gaudet Drive between 6th Street and 8th Street. (JP PHASE VI). (CONSTRUCTION COMPLETE)</p> <p><u>HEI Phase IV, Public Works Project No. 2014-026-DR, S.P.N. 576-26-0028(337).</u> Installation of 48" drain line along Avenue C between 4th Street and 6th Street. (JP PHASE VII). (CONSTRUCTION COMPLETE)</p> <p><u>HEI Phase V, Public Works Project No. 2019-014-DR, S.P.N. 576-26-0028(338).</u> Installation of 42" and 48" drain line along Gaudet Drive and 48" and 54" along Avenue A between 4th Street and 6th Street. (JP PHASE VIII) (CONSTRUCTION COMPLETE)</p> <p><u>HEI Phase VI, Public Works Project No. XXXX-XX-DR, S.P.N. 576-26-0028(339).</u> Installation of 72" RCP on 7th Street between Avenue B and Avenue C. (JP PHASE IX). (ENGINEERING COMPLETE)</p> 																				
Completion Date (Actual or estimated):	Estimated Cost:																				
	Entire Project:		Work for which Firm was Responsible:																		
<table border="0"> <tr> <td>Phase I Aug 2011</td> <td>Phase II-A July 2014</td> </tr> <tr> <td>Phase III Aug 2017</td> <td>Phase IV 2019</td> </tr> <tr> <td>Phase V 2022</td> <td>Phase VI TBD</td> </tr> </table>	Phase I Aug 2011	Phase II-A July 2014	Phase III Aug 2017	Phase IV 2019	Phase V 2022	Phase VI TBD	<table border="0"> <tr> <td>Phase I \$2,702,000</td> </tr> <tr> <td>Phase III \$5,000,000</td> </tr> <tr> <td>Phase V \$2,000,000</td> </tr> </table>	Phase I \$2,702,000	Phase III \$5,000,000	Phase V \$2,000,000	<table border="0"> <tr> <td>Phase II-A \$2,544,000</td> </tr> <tr> <td>Phase IV \$3,000,000</td> </tr> <tr> <td>Phase VI \$5,500,000</td> </tr> </table>	Phase II-A \$2,544,000	Phase IV \$3,000,000	Phase VI \$5,500,000	<table border="0"> <tr> <td>Phase I \$216,000</td> <td>Phase II-A \$220,000</td> </tr> <tr> <td>Phase III \$260,000</td> <td>Phase IV \$281,000</td> </tr> <tr> <td>Phase V \$280,000</td> <td>Phase VI \$680,000</td> </tr> </table>	Phase I \$216,000	Phase II-A \$220,000	Phase III \$260,000	Phase IV \$281,000	Phase V \$280,000	Phase VI \$680,000
Phase I Aug 2011	Phase II-A July 2014																				
Phase III Aug 2017	Phase IV 2019																				
Phase V 2022	Phase VI TBD																				
Phase I \$2,702,000																					
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Phase I \$216,000	Phase II-A \$220,000																				
Phase III \$260,000	Phase IV \$281,000																				
Phase V \$280,000	Phase VI \$680,000																				

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. 8**Project Name, Location and Owner's contact information:**

Florence Street Drainage Improvements, Paillet Ave. to Brown Ave. Canal
(PWP No. 2020-004-DR),
Jefferson Parish, LA
(HEI Project No. 11-014-98)

Owner:
Jefferson Parish
Dept. of Capital Projects
1221 Elmwood Park Blvd., Suite
906, Jefferson, LA 70123

Project Manager:
Neil Schneider, P.E.
504-736-6833
nschneider@jeffparish.net

**Nature of Firm's Responsibility:**

BORING LOCATION PLAN		BORING LOCATION	
Client:	Hartman Engineering, Inc.	Project:	Florence Street Drainage Improvements
Location:	Jefferson Parish, Louisiana	Location:	Jefferson Parish, Louisiana
Project No.:	504-227-2274	Project No.:	504-227-2274
Drawn by:	Ben Group, Inc.	Drawn by:	Ben Group, Inc.
Scale:	Not To Scale	Scale:	Not To Scale

HEI is providing professional engineering services for Design and Construction Administration. This project includes the installation of approximately 300 ft. of 54" RCP, and 400 ft. of 60" RCP along Florence Street between Paillet Avenue and the Brown Avenue Canal, including catch basins, manholes, outfall, street replacement, mill, and overlay of roadway, relocations of utilities that interfere with the construction, and other incidentals.

% of work Performed in LA: 100%

Firm's Responsibility: Prime

Key Staff on Project:

- Jared B. Monceaux, P.E. (Project Manager & QA/QC)
- Danielle B. Connelly, P.E. (Lead Project Engineer)
- Sundararaja C. Rao, P.E. (Hydraulic Engineer)
- Connor D. Guidry, E.I. (Project Engineer)
- Stephen F. Urquhart (CAD Designer)

Completion Date (Actual or estimated):

Start Date: 4/2020

End Date: 2023

Estimated Cost:**Entire Project:**

\$800,000

Work for which Firm was Responsible:

\$152,730 (Fee)

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:

**Intersection Improvements
(Veterans Boulevard and
Bonnabel Boulevard)
PWP No. 2017-028-RBP**

Jefferson Parish, LA
(HEI Project No. 11-014-95)

Owner:
Jefferson Parish
Dept. of Engineering
1221 Elmwood Park Blvd., Suite 802
Jefferson, LA 70123

Project Manager:
Mark Drewes, P.E.
504-736-6500
mdrewes@jeffparish.net



Nature of Firm's Responsibility:



BEFORE



AFTER

The project includes adding a single sweeping left turn lane from eastbound Veterans Blvd. to northbound Bonnabel Blvd., adding dual sweeping left turn lanes from westbound Veterans Blvd. to southbound Bonnabel Blvd., relocating the existing northbound Bonnabel Blvd. U-turn 125 feet to the north, and relocating the existing southbound Bonnabel Blvd. U-turn 100 feet to the south. Also, relocate the existing Veterans Boulevard U-turn on the west side of the intersection and add additional landscaping in the median of Veterans Blvd. near Aurora Avenue. A new traffic signal was designed for new turning movements and a future bike path.

% of work performed in LA: 100%

Firm's Responsibility: Prime

Key Staff on Project:

- Jared B. Monceaux, P.E. (Project Manager)
- Tony R. Tramel, P.E. (Traffic Engineer)
- Danielle B. Connelly, P.E. (Project Engineer)
- Connor D. Guidry, E.I. (Project Engineer)
- Stephen F. Urquhart (CAD)

Completion Date (Actual or estimated):

Estimated Cost:

Entire Project:

Work for which Firm was responsible:

Start Date: March 7, 2018 (NTP)

\$1,500,000 (Construction)

\$256,000 (Fee)

End Date: 2020

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.

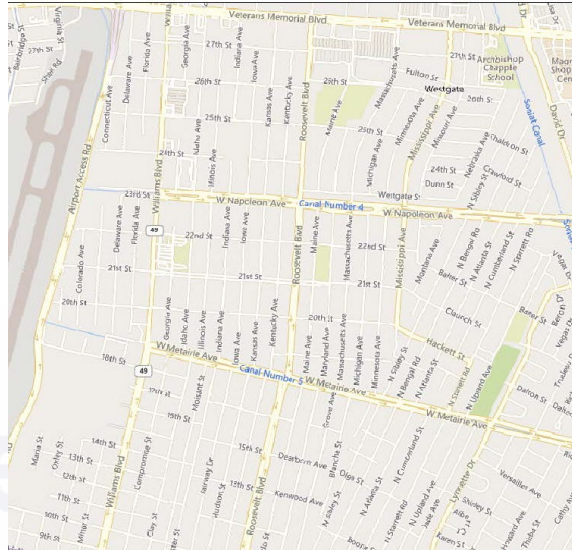
PROJECT NO. 10**Project Name, Location and Owner's contact information:**

**Roosevelt Blvd Roadway Improvements
(West Metairie Ave. - West Napoleon Ave.)
SPN H.015120**

Kenner, LA
(HEI Project No. 11-011-88)

Owner:
City of Kenner
Dept. of Public Works
1610 Rev. Richard Wilson Dr.
Kenner, LA 70062

Project Manager:
Thomas Schreiner, P.E.
(504) 468-7515
tschreiner@kenner.la.us

**Nature of Firm's Responsibility:**

The project improvements include the reconstruction of Roosevelt Boulevard from W. Napoleon Avenue to W. Metairie Avenue. Work comprises of the following: pavement removal and replacement, drainage lateral replacement, curb inlet adjustments, drainage trunkline repairs, roadway cross-slope correction, driveway replacement (to R/W), minor sidewalk adjustments (at driveways), and removal of median trees.

% of work performed in LA: 100%

Firm's Responsibility: Prime

Key Staff on Project:

- Jared B. Monceaux, P.E. (Project Manager)
- Tony R. Tramel, P.E. (Traffic Engineer)
- Danielle B. Connelly, P.E. (Project Engineer)
- Connor D. Guidry, E.I. (Project Engineer)
- Madeline Bourgeois, E.I. (Project Engineer)
- Jordan LeBas, E.I. (Project Engineer)
- Stephen F. Urquhart (CADD)

Completion Date (Actual or estimated):

Start Date: February 16, 2022 (NTP)

End Date: On going

Estimated Cost:**Entire Project:**

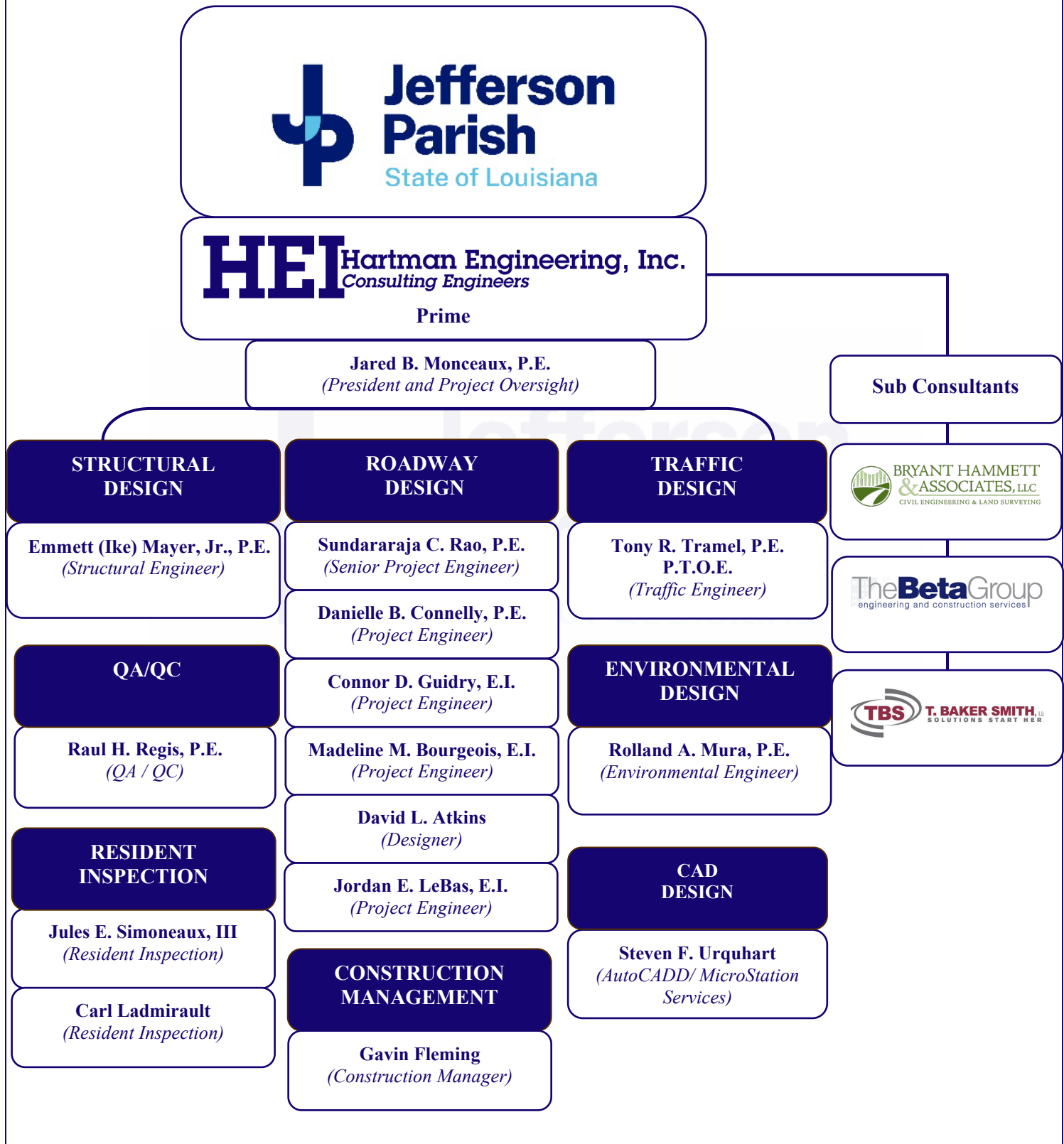
\$8,431,933 (Construction)

Work for which Firm was responsible:

\$381,255 (Fee)

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.

HEI Organizational Chart

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:	
1.		None to Report
2.		
3.		
4.		

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

MINIMUM REQUIREMENTS FOR SELECTION:

- The persons or firms under consideration shall have at least one (1) principal who is a licensed, registered professional engineer in the State of Louisiana. A subcontractor may not be used to meet this requirement.
 - Jared B. Monceaux, P.E. HEI PE 32202 Exp. 3/31/2026**
- The persons or firms under consideration shall have a professional in charge of the Project who is a licensed, registered professional civil engineer in the State of Louisiana with a minimum of five (5) years' experience. A subcontractor may not be used to meet this requirement.
 - Jared B. Monceaux, P.E. HEI PE 32202 Exp. 3/31/2026**
- The persons or firms under consideration shall have one (1) employee who is a licensed, registered professional engineer in the State of Louisiana in the applicable discipline involved. A subcontractor may meet this requirement only if the advertised Project involves more than one discipline
 - Jared B. Monceaux, P.E. HEI PE 32202 Exp. 3/31/2026**
 - Rolland A. Mura, P.E. HEI PE 14997 Exp. 3/31/2026**
 - Danielle B. Connelly, P.E. HEI PE 36284 Exp. 9/30/2025**

1. PROFESSIONAL TRAINING AND EXPERIENCE (35 points)

HEI's engineering projects consist mainly of Public Works such as roads, streets, associated traffic design and control, drainage structures, canals, bridges, culverts, bulkheads, pump stations, levees, wastewater system design and assessments, and floodwalls. Our work is usually in congested urban areas, so we are sensitive to consideration of the impact on adjacent residents and businesses. **Upgrades to roadway, pedestrian access, subsurface drainage, and public utility infrastructure are typical tasks HEI can successfully complete. See Section L for detailed experience.**

2. CAPACITY FOR TIMELY COMPLETION (20 points)

HEI prides itself with meeting project deadlines requested by our clients. HEI offers the engineering and support staff required to meet accelerated deadlines and, most importantly, deliver a quality product in that time frame. A few examples of our promptness can be found in the following:

- Soniat Canal Drainage Improvements preliminary plans, completed in only one month as requested by the client (Jefferson Parish).**
- The East Baton Rouge City-Parish Project, 25th St – N. Acadian Project Design was 100% **Complete within 7 months** (including Survey Services and Geotechnical Analysis) of Notice to Proceed as per the request of City/Parish. **HEI completed this project 2 months ahead of schedule.**

3. LOCATION OF THE PRINCIPAL OFFICE (15 points)

The company has offices situated in Kenner and Prairieville, Louisiana, with the main office located in Jefferson Parish. The Kenner office will serve as the primary location for providing all professional services under this contract and will offer a convenient meeting location.

4. LITIGATION (15 points)

Over the course of 38 years of providing professional services, HEI has maintained a track record free from any litigation involvement with Jefferson Parish or any other clients.

5. PRIOR SUCCESSFUL COMPLETION OF PROJECTS. (15 points)

HEI has successfully completed many projects for Jefferson Parish in its more than thirty-year tenure including all aspects of planning, design, and construction for drainage, sewer, and roadway projects. We offer the following references for your review and invite you to contact them directly for a discussion of HEI's capabilities.

Mark Drewes, P.E., Dir. of Public Works Jefferson Parish 1221 Elmwood Park Blvd., Ste. 904 Jefferson, LA 70123 504-736-6783	Neil Schneider, P.E., Dir. of Capital Projects Jefferson Parish 1221 Elmwood Park Blvd., Ste. 906 Jefferson, LA 70123 504-736-6833	Ron Savoy, Drainage Director East Ascension Drainage District 42077 Churchpoint Rd. Gonzales, LA 70737 225-621-5737
Jackie Baumann, P.E., City Engineer, City of Gonzales 120 S. Irma Blvd. Gonzales, LA 70737 225-647-9589	Melissa LeBas, P.E., Urban Systems Project Mgr. LaDOTD 1201 Capital Access Road, Room S-616 Baton Rouge, LA. 70802 225-379-1046	Jose Gonzales, Deputy CAO Public Works and Capital Projects for City of Kenner 1610 Reverend Richard Wilson Drive Kenner, LA 70062 504-468-7515
Ryan Foster, P.E., Project Engineer Orleans Levee District 6920 Franklin Ave. New Orleans, LA 70122 504-286-3100	Ryan King, National Water Infrastructure 37458 Cornerview Road Geismar, LA 70734 225-673-3156	Jason LaCombe, P.E., Assistant Road Design Engineer Administrator, LADOTD 1201 Capitol Access Rd. Baton Rouge, LA 70802 225-379-1046

6. FIRM SIZE (10 points)

HEI has a full staff to provide engineering services, with offices in Kenner and Prairieville, Louisiana. Providing all of the professional and support personnel required to complete the needs of this project.

7. PAST PERFORMANCE (10 points)

HEI has a strong familiarity with the requirements and demands of this specific project type. HEI's expertise in this particular project type is exemplified by their successful four lane urban divided highway with a subsurface drainage system on the Hickory Avenue (LA 48 – Mounes) Project HEI is currently designing. See section L for more information on the project.

HEI can potentially help Jefferson Parish save on design fees thanks to our ongoing work on the Dickory Extension Project, as well as our extensive local knowledge and design experience. The Dickory Extension Project was temporarily on hold until the completion of the Harahan Pump to the River Project but resumed in July 2021. During the project, DOTD and Jefferson Parish executed a road swap, with Jefferson Parish taking ownership of Hickory Avenue while LADOTD covered the costs for the Dickory Extension.



HEI recognizes that quality, accuracy, and timely work in both the design and construction phases, are the keys to a successful project. This is our commitment to the success of the projects you assign us.

PAST AND CURRENT PROFESSIONAL ACCOMPLISHMENTS

HEI has been licensed to do engineering in Louisiana for more than 30 years and has belonged or belongs to various professional organizations such as the ACEC (American Council of Engineering Companies), LES (Louisiana Engineering Society), ASCE (American Society of Civil Engineers), APWA (American Public Works Association), The Jefferson Parish Chamber of Commerce, Ascension Parish Chamber of Commerce, Better Business Bureau, and Society of American Military Engineers.

Members of the firm have held high office in professional organizations such as:

- President of Louisiana Water Environment Association - (Rolland Mura, P.E., B.C.E.E.)
- Director, New Orleans Branch of ASCE - (Rolland Mura, P.E., B.C.E.E.)
- Board Certified Environmental Engineer, American Academy of Environmental Engineers - (Rolland Mura, P.E. B.C.E.E.)
- Arthur Sidney Bedelle Award - Water Pollution Control Federation - (Rolland Mura, P.E., B.C.E.E.)

Project Approach

Hartman Engineering's design approach for the Hickory Avenue Full Reconstruction Project is rooted in safety, sustainability, and community engagement. Our team will deliver a design that not only meets current needs but also anticipates future growth, ensuring that Hickory Avenue serves the community effectively.

HEI provides engineering judgment and depth of experience, in addition to the latest computer technology to provide expertise during the project development stage. We realize that this initial phase of project development has a significant impact on the project delivery system. Successful completion of this phase can:


- ❖ Streamline initiation of design and completion of project construction.
- ❖ Allow better allocation of limited funding by providing project construction costs which are more accurate and are less subject to change.
- ❖ Provide projects which, when completed, provide greater benefit to the public, both in safety, capacity, and economic development.

With this in mind, we have implemented a stringent Project Approach program, listed below:

• <u>Project Scope</u>	The first action taken by HEI's Project Manager upon award of project is to develop the scope of the project. This scope will include a detailed listing of project tasks to be accomplished, the logical order to accomplish these tasks, and a listing of project deliverables. This scope is typically submitted, or at a minimum discussed, with the project owner to verify that HEI management and the owner see the project, the required tasks, and the final products the same way.
• <u>Project Schedule</u>	The second action taken by HEI's Project Manager is to develop a project schedule. Each task listed in the scope is given a start date, an estimated duration, and an estimated finish date. Once again this is forwarded to the owner's representative for approval. The initial schedule is set to the owner's requirements.
• <u>Project Budget</u>	The Project Manager, based upon the project scope and project schedule, develops two budgets: one budget for the resources required to produce the finished project on schedule, and the second, in most cases, is a preliminary estimate of probable cost of construction. The first budget is submitted and usually used as the basis of a fee negotiation. Once completed, the project budget and schedule are the Project Manager's guide to bring a quality project in on time. The second estimate, the probable cost of construction, is also a guide agreed to by the owner of the project design. It is referred to, updated, and reviewed at major milestones as the project progresses to completion.
• <u>Quality Control/Quality Assurance</u>	QC/QA comprises an integral part of our design and project management process. Our QC/QA process is summarized as follows:
• <u>General</u>	Ensuring a quality product is a primary goal of the firm. QC/QA is required for public safety as well as client satisfaction. The Manager of the firm QC/QA program is the president of the firm; subcontractors are included in the QC/QA program. All QC/QA plans shall include an independent check, a peer review, supervisory executive review, and a review by either the Owner or the Firm President.
• <u>Check</u>	All computations, calculations, and drawings shall be checked by a competent qualified member of the team other than the originator and so marked.
• <u>Peer Review</u>	All products shall be reviewed at the working level by an uninvolved, qualified team member. The results of the review shall be resolved before going to the Executive Review. A record of the checks and peer review shall accompany the product to the executive review.
• <u>Executive Review</u>	The Project Manager shall ensure that the checks and reviews are complete, and resolve any unresolved issues from the review process. Cost estimates will be checked to ensure proper order of magnitude, and the project will then advance to the Owner or Firm President.
• <u>Owner/President Review</u>	The Owner/President shall ensure that the checks and reviews are complete, resolve any outstanding issues, review the product, and determine if any changes are required in the QC/QA procedures.

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










Signature:




Print Name: Jared B. Monceaux, P.E.

Title: President

Date: September 5, 2024

 <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Jared Blayne Monceaux</p> <p>License/Certificate Type - Number Expiration Date PE.0032202 03/31/2026</p> <p>Status: Active</p>	 <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Rolland Anthony Mura</p> <p>License/Certificate Type - Number Expiration Date PE.0014997 03/31/2026</p> <p>Status: Active</p>	 <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mrs. Danielle Bordelon Connelly</p> <p>License/Certificate Type - Number Expiration Date PE.0036284 09/30/2025</p> <p>Status: Active</p>
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>
 <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Sundararaja Channakesavapura Rao</p> <p>License/Certificate Type - Number Expiration Date PE.0017005 09/30/2025</p> <p>Status: Retired</p>	 <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Raul H. Regis</p> <p>License/Certificate Type - Number Expiration Date PE.0034006 09/30/2024</p> <p>Status: Active</p>	 <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Tony R. Tramel</p> <p>License/Certificate Type - Number Expiration Date PE.0019268 09/30/2024</p> <p>Status: Active</p>
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>
 <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Emmett J. Mayer Jr.</p> <p>License/Certificate Type - Number Expiration Date PE.0012757 03/31/2025</p> <p>Status: Active</p>	 <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Mr. Connor Guidry</p> <p>License/Certificate Type - Number Expiration Date EI.0033801 03/31/2025</p> <p>Status: Active</p>	 <p>LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p> <p>Ms. Madeline M. Bourgeois</p> <p>License/Certificate Type - Number Expiration Date EI.0034782 09/30/2025</p> <p>Status: Active</p>
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>



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

Mr. Jordan Edward LeBas

License/Certificate Type - Number Expiration Date
EI.0035548 **03/31/2026**

Status: **Active**

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:	Public Address:
Hartman Engineering, Inc.	B.K. Sneed, C.E.O. 527 West Esplanade Avenue, Suite 300 Kenner, Louisiana 70065

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001344	Active	09/25/1986	03/31/2026	Mr. Jared Blayne Monceaux # PE.0032202

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:

Hartman Engineering,
Inc.

Public Address:

B.K. Sneed, C.E.O.
527 West Esplanade Avenue, Suite 300
Kenner, Louisiana 70065

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001344	Active	09/25/1986	03/31/2026	Mr. Jared Blayne Monceaux # PE.0032202



City of Gonzales

120 SOUTH IRMA BOULEVARD • GONZALES, LOUISIANA 70737 • PHONE (225) 647-2841 • FAX (225) 647-9557

BARNEY D. ARCENEUX
MAYOR/ADMINISTRATOR

DAVID J. GUITREAU-Division A
COUNCILMAN
DRAINAGE COMMISSIONER

KIRK J. BOUDREAU-Division B
COUNCILMAN
MAYOR PRO-TEMPORE
TREASURER
STREETS COMMISSIONER
AEDC LIAISON

HAROLD L. STEWART-Division C
COUNCILMAN
FIRE-DEPARTMENT COMMISSIONER
SANITATION COMMISSIONER

TYLER J. TURNER-Division D
COUNCILMAN
ASSISTANT TREASURER
UTILITIES COMMISSIONER

NEAL M. BOURQUE-Division E
COUNCILMAN
RECREATION COMMISSIONER
TOURIST COMMISSIONER

SHERMAN D. JACKSON
CHIEF OF POLICE

TRACEY N. NORMAND
FIRE CHIEF

CLAY A. STAFFORD
CITY CLERK
FINANCE DIRECTOR

ERIN LANOUX
CITY ATTORNEY

May 31, 2017

Mr. Jared Monceaux P.E., President
Hartman Engineering, Inc.
16563 Airline Highway, Suite A
Prairieville, LA 70769

Subject: City of Gonzales, Ascension Parish
LA 30: Turn Lanes @ S. Purpera & S. Hodgeson
LADOTD S.P.N. H.011490

Dear Mr. Monceaux:

I am writing to acknowledge and commend you for the excellent performance of Hartman Engineering, Inc. on the subject project and the resultant improvements to the intersection of LA 30 and Purpera in the City of Gonzales. Your firm's planning, design, and engineering services will ultimately lead to improved traffic safety and increased efficiency thru the intersection. Hartman Engineering has been responsive and adaptive to the needs of the City and its citizens in addressing the growing and high profile traffic conditions in Gonzales.

HEI and its key staff have provided excellent services for this transportation project and have fulfilled all task responsibilities in a quality, timely, and professional manner. The commitment of your design team and staff was integral to the success of the project and keeping the improvements on schedule and within budget.

The City of Gonzales is honored to have your firm as a valued member of our team. I would whole-heartedly recommend Hartman Engineering for consideration for future transportation projects.

Sincerely,

Jackie Baumann, P.E.
City Engineer
City of Gonzales, Louisiana

CC: Mayor Barney Arceneaux



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO
ATTENTION OF

February 10, 2012

Engineering Division
Control Branch

Mr. B. K. Sneed, CEO
Hartman Engineering, Inc.
527 West Esplanade Avenue, Suite 300
Kenner, LA 70065-2568

Dear Mr. Sneed:

The US Army Corps of Engineers would like to take this time to extend both our gratitude and appreciation to your firm for its contribution towards design and construction of the Greater New Orleans Hurricane and Storm Damage Risk Reduction System (HSDRRS).

On August 29, 2005, Hurricane Katrina struck South Louisiana resulting in unprecedented devastation. Since that tragic day, the US Army Corps of Engineers and our A-E partners have worked expeditiously to design and construct the HSDRRS.

Your firm's responsibility for one or more actions affiliated with design, planning, modeling, engineering during construction, environmental studies or construction management was instrumental in completing expedited design and construction of the HSDRRS.

The commitment of your firm's leadership and design team was integral to our success in delivering a world class system with functional capability for the 2011 Hurricane Season. Your dedication to quality and delivery has been evident resulting in improved public safety and risk reduction for the greater New Orleans area.

The New Orleans District is truly honored to have your firm as a valued member of our team. Please accept my sincere thanks and the enclosed certificate expressing our appreciation.

ESSAYONS!

Sincerely,

A handwritten signature in black ink, reading "Walter Baummy Jr.", is positioned above the typed name.

WALTER O. BAUMMY JR., P.E.
Chief, Engineering Division

Enclosure



USACE - New Orleans District

Certificate of Appreciation

is presented to

Hartman Engineering, Inc.

For exceptional achievement in support of the Mississippi Valley Division's New Orleans District and the execution of the Hurricane and Storm Damage Risk Reduction System (HSDRRS) mission. The Hartman Engineering, Inc. contractors' professionalism, competence, and initiative were instrumental to the successful execution in surveying of multiple sites critical to the completion of both design and the construction of the HSDRRS project.

Hartman Engineering's outstanding achievement is in keeping with the finest traditions of public service and reflects great credit upon the Hartman Engineering, Inc. team, the U.S. Army Corps of Engineers, and the United States Army.

06 February 2012



**US Army Corps
of Engineers**®
New Orleans District

Edward R. Fleming
Colonel, US Army
Commander, New Orleans District
US Army Corps of Engineers



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

August 4, 2008

Hartman Engineering, Inc.
527 West Esplanade Avenue, Suite 300
Kenner, LA 70065

Subject: Environmental Justice Support for Environmental Compliance for New Orleans Area Hurricane Protection System; St. Charles, Jefferson, Orleans, St. Bernard and Plaquemines Parishes (COE No. W912P8-07-D-0014, Task Order 5)

Gentlemen:

I would like to acknowledge Hartman Engineering, Inc.'s excellent performance on all facets of their ongoing environmental justice support to the Corps' New Orleans area hurricane protection system projects. They have been responsive and adaptive to the various changing conditions and demands of the project and public sensitivity in post-Hurricane Katrina New Orleans. HEI's products and professionalism have had a positive impact on the Corps' efforts to engage the public during this time of rebuilding.

The high profile and complex nature of this project cannot be overemphasized. HEI has done an excellent job in fulfilling the task responsibilities with care towards quality, timeliness, professionalism and public attitudes. Negotiating the myriad interactions between a multitude of public, private and community organizations was handled quite professionally by HEI. Their level of commitment to the project is commendable and I would whole-heartedly recommend HEI be considered for planning projects in the future.

Sincerely,

A handwritten signature in dark ink, reading "Joan M. Exnicios", is positioned above the printed name.

Joan M. Exnicios
Chief, Natural and Cultural
Resources Analysis Section



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

Hartman Engineering, Inc.

is Certified-Active as a Small Entrepreneurship with
Louisiana Economic Development's Hudson Initiative.

This certification is valid from 6/13/2024 to 6/13/2025 .

Certification No. 13205

A handwritten signature in black ink, reading "Stephanie Hartman", written over a horizontal line.

Stephanie Hartman,
Director, Entrepreneurial Services



Division of Small and Emerging Business Development
SEBD CERTIFICATION

Hartman Engineering, Inc.

is hereby certified as a Small and Emerging Business Enterprise.

This certification is valid beginning 6/20/2016 and supersedes any registration or listing previously issued. At any time there is a change in ownership or control of the firm, notification must be made immediately to the Division of Small and Emerging Business Development.

Issued at Baton Rouge, Louisiana 6/20/2016

This certification expires on: 6/20/2026

Certification No. 13205

A handwritten signature in black ink, reading "John W. Matthews, Jr.", written in a cursive style.

John W. Matthews, Jr.,
Executive Director, Entrepreneurial Services



**BRYANT HAMMETT
& ASSOCIATES, LLC**
CIVIL ENGINEERING & LAND SURVEYING

QUALIFICATIONS



**Jefferson
Parish**
State of Louisiana

Jefferson Parish

TEC Professional Services Questionnaire

Revised Form 02/02/2022

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Provide Engineering Services, Hickory Avenue Rehabilitation, Resolution 144734

B. Firm Name & Address:

Bryant Hammett & Associates, LLC
1104 Dealers Avenue
Harahan, LA 70123

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:

Bryant O. Hammett, Jr. PE/PLS
Owner/Manager
bhammett@bha-engineers.com
504-733-8004

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.

Hugh McCurdy, III, PLS
Professional Land Surveyor
hmccurdy@bha-engineers.com
504-733-8004

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

<u>3</u> Administrative	<u>0</u> Estimators	<u>0</u> Specification Writers
<u>0</u> Architects (Licensed)	<u>1</u> Geologists	<u>0</u> Structural Engineers
<u>0</u> Chemical Engineers	<u>0</u> Geotechnical Engineers	<u>0</u> Graduate Engineers
<u>2</u> Civil Engineers	<u>0</u> Interior Designers	<u>4</u> Project Managers
<u>6</u> Construction Inspectors	<u>0</u> Landscape Architects	<u>3</u> Clerical
<u>0</u> Ecologists	<u>8</u> Land Surveyor	<u>0</u> Grant/Funding Specialist
<u>0</u> Electrical Engineers	<u>0</u> Mechanical Engineers	<u>0</u> Sanitary Engineers
<u>0</u> Engineer Intern	<u>0</u> Environmental Engineers	
<u>3</u> Professional Land Surveyors		<u>30</u> TOTAL

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.

1.
NOT APPLICABLE

2.

H. Has this JOINT-VENTURE previously worked together? Please check:
YES ☐ NO ☐ NOT APPLICABLE

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):
1. NO SUBCONTRACTORS		
2.		
3.		

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

12 _____

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:

Bryant O. Hammett, Jr.
Professional Engineer/Professional
Surveyor/Owner/Manager

Project Assignment:

Principal and registered professional land surveyor in Louisiana

Name of Firm with which associated:

Bryant Hammett & Associates, LLC

Years' experience with this Firm:

40

Education: Degree(s)/Year/Specialization:

BSCE/1978/Civil Engineering

Active registration: Year first registered/discipline:

1983/Professional Civil Engineer, LA	1996/Environmental Engineering, LA
1985/Professional Land Surveyor, LA	1985/Civil Engineering, MS

Other experience and qualifications relevant to the proposed Project:

Bryant O. Hammett, Jr. P.E./P.L.S. is the sole proprietor and principal of Bryant Hammett & Associates, LLC. He founded in 1984, providing engineering and land surveying services for sewer, water, gas, streets, landfill, and drainage projects for public bodies, as well as for the private sector.

He is a registered Professional Land Surveyor (PLS) and Civil Engineer (PE) in the state of Louisiana

Hammett has been the surveyor of record for numerous types of public works projects, including wastewater collection and treatment; water treatment, transmission and distribution; natural gas distribution and transmission; electrical transmission; oil transmission; off-system bridges; levee systems; construction servitudes; and roadway and drainage.

As infrastructure manager for the Louisiana Office of Community Development's Disaster Recovery Unit, Hammett performed and oversaw professional civil, structural and/or transportation engineering work related to the planning, design, development, construction, and maintenance of projects funded under the LCDBG/DRU program. Such projects included capital improvements, storm water and drainage systems, wastewater systems, potable water systems, natural gas systems, fire protection systems, roads, bridges and utility systems.

Hammett manages a staff of highly qualified, experienced and licensed engineers, surveyors, technicians, cost estimators, GIS managers, certified floodplain managers, administrators, disaster recovery subject matter experts, inspectors, CADD operators and clerical support.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Hugh 'Bud' McCurdy, III Professional Land Surveyor
Project Assignment:
QAQC Manager
Name of Firm with which associated:
Bryant Hammett & Associates, LLC
Years' experience with this Firm:
8
Education: Degree(s)/Year/Specialization:
non-degreed
Active registration: Year first registered/discipline:
1991/Professional Land Surveyor, LA
Other experience and qualifications relevant to the proposed Project:
<p>Mr. McCurdy is a registered land surveyor in Louisiana with over 50 years' experience in land surveying, beginning his career as a rodman in 1973. McCurdy works with multiple engineering consultants throughout Louisiana.</p> <p>He is involved in all aspects of boundary/property surveys for real estate transfer and the surveying required for engineering, rights-of-way acquisition, and construction projects, and is responsible for courthouse research and coordination of work.</p> <p>McCurdy has provided surveying services for oyster leases; pre- and post-dredging; construction projects, pipelines, accident sites, and boundary establishment. He is responsible for supervision of all field crew activities, drafting, property descriptions, plats, and all surveying-related operations.</p> <p>He conducts property surveys to establish rights-of-way, prepares legal descriptions for clients and attorneys. He has designed several subdivisions for development, providing surveys, preparation of plats, providing as-builts on all utilities, layout of sewer and drainage, and staking all utility structures,</p> <p>Mr. McCurdy has extensive experience in all aspects of surveying, including topographic, utility, boundary, hydrographic, ALTA survey, and resubdivisions.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jeff Carey, PLS, CFM Professional Land Surveyor
Project Assignment:
Survey Manager
Name of Firm with which associated:
Bryant Hammett & Associates, LLC
Years' experience with this Firm:
12
Education: Degree(s)/Year/Specialization:
BS/2009/Disaster Management
Active registration: Year first registered/discipline:
2024/Professional Land Surveyor 2010/ASFPM Certified Floodplain Manager 2018/ATSSA Traffic Control Supervisory, Technician, Flagger 2012/Residential Contractor's License
Other experience and qualifications relevant to the proposed Project:
<p>Jeff Carey graduated from LSU in 2009 and began working with BHA in 2012. He is a registered Professional Land Surveyor (PLS.5334)</p> <p>As a surveyor for Bryant Hammett & Associates, Mr. Carey manages field work, collects data in the field and performs field-checking duties at project completion. He manages boundary and topographic surveys and all surveying activity required for engineering, rights-of-way, and construction projects.</p> <p>Carey is involved in the day-to-day management of all field crews and CADD technicians. He develops scopes and budgets for all projects, provides onsite instruction to crews, confers daily with management, and is the overall manager of ongoing projects.</p> <p>He is involved in all aspects of land surveying projects, including legal descriptions and elevation certificates. He has managed several projects from project execution to completion on numerous public works projects including roadway, drainage, sewerage and waterline projects. He also manages levee construction projects, property boundary surveys, cadastral surveys, topographic surveys, utility surveys, differential GPS real time surveys, hydrographic surveys, GPS static surveys for horizontal and vertical control, planimetric surveys, elevation surveys and subdivision layout.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jeff Dumestre, LSI Survey Technician, CADD Drafter
Project Assignment:
Drafting
Name of Firm with which associated:
Bryant Hammett & Associates, LLC
Years' experience with this Firm:
3
Education: Degree(s)/Year/Specialization:
BS/2014/Geomatics
Active registration: Year first registered/discipline:
2022/Land Survey Intern 2022/ATSSA Traffic Control Supervisor, Technician, Flagger
Other experience and qualifications relevant to the proposed Project:
<p>Jeff Dumestre graduated from Nicholls in 2014, where he was President of the Geomatics Student Association. He is a registered Land Survey Intern (LSI.00746) and is a member of the Louisiana National Guard, where he has been a Field Artillery Surveyor and Technical Engineer.</p> <p>He has over 15 years' experience in the land surveying field and is certified in the Small Unmanned Aircraft System (drone), Certification 4535630.</p> <p>As a survey technician, Dumestre has led survey crews in Construction & Industrial Layouts/ Stakeouts, Topographic, DOTD, Drainage, Boundary surveys, Elevation Certificates, Slab surveys, No Work Affidavits, and ALTA surveys. He maintains and calibrates survey equipment, works with the field crews to introduce efficiencies in data collection, and uses drone technology to enhance deliverables.</p> <p>Dumestre provides computer-aided drafting and design for survey projects, including: drainage, roadway, waterline, levee and sewerage projects. He drafts levee surveys; hydrographic and topographic surveys; and rights-of-ways maps. He is proficient in Civil 3D drafting software.</p> <p>He has experience in the drafting required for all public works projects, as well as coastal restoration projects.</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>Dickory Avenue Extension (Hickory Ridge Lane to Jefferson Hwy, LA 48) (2020-010-RBP)</p> <p>Jefferson Parish, LA</p> <p>Jefferson Parish Dept of Capital Projects 1221 Elmwood Park Blvd; Suite 906 Jefferson, LA 70123 504-736-6833</p>	<p>BHA performed a topographic, cross-section, and utility survey of a proposed extension corridor connecting Dickory Ave and Jefferson Hwy. Four main control points were established using GPS technology with three 3-hour OPUS Observations to comply with DOTD control recommendations</p> <p>Cross sections were collected within the Dickory Avenue Extension survey corridor from r/w to r/w at 100-foot intervals. All drainage features were collected, as well as drainage inverts. BHA obtained the names and addresses of all companies and individuals who own utility facilities within the area being surveyed</p> <p>A drainage map was developed including drainage patterns, structure sizes and inverts. The drainage map showed the survey line, the outline of the watershed area, and all structures/ditches.</p> <p>All surveying procedures and drafting were in accordance with LA DOTD.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
June 2021	unknown	\$101,540

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bainbridge Canal Closure and Roadway Improvements (2020-09-RBP)</p> <p>Jefferson Parish</p> <p>Gene Gillen, APTIM 2424 Edenborn Ave. Metairie, LA 70001 504-832-4878</p>	<p>BHA performed a topographic, cross-section, and utility survey an area along the westbound lanes of Veterans Blvd. from Virginia to Bainbridge, then continuing down Bainbridge to the entrance to the Airport, as well as the canal along Bainbridge Avenue for a roadway improvement project.</p> <p>BHA collected topographic features such as culverts, drains, inlets, pavements, trees, utility poles, curbs, heavily wooded areas, vegetation, property lines, driveways.</p> <p>Cross sections were taken along the route and included shots across the drainage canal: top bank, toe of canal, centerline, water elevation, width of canal.</p> <p>All utility features were collected, such as valves, hydrants, meters, utility poles, utility boxes, etc. Manhole inverts for drainage and sewerage lines were obtained in the field for profile information. Apparent right-of-way information was shown.</p> <p>BHA has been providing right-of-way services for this project on an on-going bases.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2024	unknown	\$49,287

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Bonnabel Boulevard Drainage Improvements</p> <p>Jefferson Parish</p> <p>Jefferson Parish Department of Capital Projects 1221 Elmwood Park Blvd; Ste 906 Jefferson, LA 70123</p> <p>504-736-6779</p>	<p>BHA provided topographic, utility, and SUE surveying for this drainage relocation project. For approximately 1.5 miles, all utility information was collected including items such as valves, hydrants, meters, utility poles, utility boxes, overhead electric lines, communication systems, etc, as well as manhole inverts for drainage and sewerage lines.</p> <p>A SUE survey was performed to identify the location of only the 42" Sewer Force main in the grass alley between the intersection of Hesiod Street and the I-10 Service Road.</p> <p>After the best route was determined, BHA completed the surveying for the selected route.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2024	unknown	\$102,212

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Harvey Wastewater Treatment Plan</p> <p>Jefferson Parish</p> <p>Sewerage Department SCIP 1221 Elmwood Park Blvd; Ste 906 Jefferson, LA 70123</p> <p>504-736-6661</p>	<p>BHA provided a topographic, cross-section, and utility survey for a force main project. Surveying took place along 10th Street, Broadway and Lapalco Boulevard, over 13,450 linear feet.</p> <p>Topographic features such as culverts, drains, inlets, pavements, bushes, trees, perimeter outlines of heavily wooded areas, vegetation, utility poles, overhead electric, fences, curbs, driveways, etc. were collected.</p> <p>Cross sections data was collected at 200-foot intervals along the roadway and canal crossings.</p> <p>All utility features were surveying, including pipe and invert information, as applicable.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2023	unknown	\$105,455

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Avenue A. Drainage Improvements (2022-012-DR) Jefferson Parish Jefferson Parish Dept of Capital Projects 1221 Elmwood Park Blvd; Suite 906 Jefferson, LA 70123 504-736-6833	BHA provided a topographic, utility, and right of way survey of Avenue E and the intersecting side streets Iona, Hector, Betz, Vincent, and Stella, including outfall pipes in the 17th Street Canal and the overhead transmission line to aid in future drainage improvements. The retaining wall structure along the 17th St. Canal at the proposed outfall area was identified. Manhole inverts for drainage and sewerage lines were obtained in the field. BHA performed the necessary research and field work to identify the right-of-way along each street included within the project limits.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2022	unknown	\$50,530

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Metairie Road Decorative Street Lighting Jefferson Parish Jefferson Parish Engineering Dept. 1221 Elmwood Park Blvd. Ste 802 Jefferson, LA 70123 504-736-6500	BHA is currently providing surveying for improvements to the lighting along Metairie Road from Bonnabel to Severn Ave (approximately 7,000 linear feet. BHA is collecting all topographic features in the roadway, including utility poles with lights. All utility features will be collected, including elevations on top of bolts on water valves and invert information for drainage and sewer lines. BHA will show apparent right-of-way lines and apparent property lines on the survey based on field evidence, lines of occupation, and the Jefferson Parish GIS maps	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2024	unknown	\$55,915

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Veterans Memorial Blvd. Multi-Use Path Jefferson Parish Jefferson Parish Dept of Capital Projects 1221 Elmwood Park Blvd; Suite 906 Jefferson, LA 70123 504-736-6833	BHA performed a topographic, cross-section, and utility survey along the Southern half of Veterans Memorial Blvd. from the Soniat Canal to Downs Blvd. A baseline was established along the survey route, and points were set with ½" iron rods and referenced by 3-point ties to topographic features in the area. Topographic features that were visible and accessible were surveyed within the survey limits to identify the northing, easting, and elevation value for each data point. Cross sections data every 50 feet was collected, and visible and accessible utility features were surveyed and mapped.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	unknown	\$30,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Veteran's Blvd. Resurfacing Project Kenner, LA City of Kenner, Jose Gonzalez 1610 Rev. Richard Wilson Drive Kenner, LA 70062 504-468-7240	BHA provided a topographic and cross section survey of Eastbound and Westbound Veterans Blvd. from Williams Blvd. to Roosevelt Blvd in Jefferson Parish, Louisiana. BHA collected topographic information including existing handicap ramps, existing curbs, traffic signal loop detectors, associated junction boxes, and truck turnarounds. One cross section per block between gutter lines was collected. Items such as drainage or sewer structures that fall within the survey limits, edge of road to edge of road, were collected. Gutter line elevations were collected in front of all existing catch basins and drainage structures.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2024	unknown	\$35,595

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Oakwood Area Sidewalk Enhancements and Wright Avenue Improvements</p> <p>Jefferson Parish</p> <p>Jefferson Parish Dept of Capital Projects 1221 Elmwood Park Blvd; Suite 906 Jefferson, LA 70123</p> <p>504-736-6833</p>	<p>BHA provided surveying for sidewalk improvements of an area along Whitney Avenue, the Westbank Expressway, and Terry Parkway in Gretna</p> <p>Topographic features were collected, including cross-section every 100 feet, as well as utility features such as meters, power poles, valve boxes, manhole tops, telephone pedestals and fire hydrants. A Digital Terrain Model surface (DTM) was developed using the data points obtained during the cross-section surveys.</p> <p>The survey was later extended to include Northbound Wright Avenue between Hector Ave. and Terry Pkwy</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	unknown	\$47,089

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Perrilloux Road Improvements</p> <p>St. Tammany Parish</p> <p>St. Tammany Parish Government 21454 Koop Drive Mandeville, LA</p> <p>985-898-2520</p>	<p>BHA is part of a team providing professional services for the Perrilloux Rd. Improvements project. Work includes roadway improvements (pavement resurfacing/replacement), subsurface drainage installation, and intersection improvements along Perrilloux Rd. The project length is 2.3 miles from Hwy 1085 to LA Hwy 22.</p> <p>Surveying required includes topographic surveying, boundary survey of the right of way and adjoining property lines, and right of way mapping to facilitate acquisition. Flood zone information was shown on the plat.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2024	\$8MM (est)	\$102,650

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:	
1. NOT APPLICABLE	NOT APPLICABLE	

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

1. Professional Training and Experience :

Bryant Hammett & Associates, LLC (BHA) is a Louisiana-based firm specializing in civil engineering, land surveying, disaster management, and construction supervision. Established on August 1, 1984, BHA has expanded from a small four-member team to over 30 employees, serving both governmental and private clients across the Gulf South region. Our offices are strategically located in Jefferson, East Baton Rouge, Plaquemines, and Concordia parishes.

With over 40 years of experience, BHA has been a cornerstone in providing comprehensive civil engineering and land surveying services throughout Louisiana. Our registered professionals have decades of experience in public works projects including sewerage, water, roadway and drainage projects.

BHA employs professional civil engineers, professional land surveyors, a land surveyor-in-training, certified floodplain managers, a certified public accountant, draftsmen, construction managers and inspectors, and several support and administrative personnel. (see resumes)

2. Size of Firm

Bryant Hammett & Associates has grown from a small four-member firm in 1984 to 30 full-time employees today.

BHA employs two licensed Professional Engineers, three licensed Professional Land Surveyors, one licensed Land Survey Intern, a civil engineer (not licensed), multiple survey field crews, HMGP Subject-Matter Experts, several construction managers and inspectors, as well as multiple support staff. BHA's CADD Technicians have over 40 years of combined experience in producing 3D planimetric drawings, topographic and contour maps, right-of-way maps, boundary plats, cross section diagrams and field data points.

3. Capacity for Timely Completion:

Based on current and projected project workloads and schedules, BHA has the capacity to allocate necessary resources and manpower promptly. We currently have professional and support personnel readily available to deliver required services and can initiate them upon authorization to proceed. Our flexible staffing model allows us to scale up or down as needed for both large and small task orders.

No project in which BHA has been involved has been jeopardized because of failure to meet schedules. BHA has not been involved in any projects that were jeopardized because of cost overruns, or because inadequate designs were rejected by parish, state, or federal review agencies.

TEC Professional Services Questionnaire

4. Past Performance on Parish Contracts

BHA has been providing professional services to Jefferson Parish since 2012.

BHA routinely provides surveys directly to Jefferson Parish through our As-Needed Surveying contract. 2024 surveying projects include Fagot & Metairie Lawn Lift Station; Colonial Club Drainage Ditch; Metairie Road Decorative Street Lighting; Harvey WWTP; and BHA has completed over 16 surveys for the current Waterline Replacement Program with nine additional in contracting.

BHA is currently providing professional services for the Parish-wide Manhole Assessment and Lining Program, Phase 1 and 2.

Jefferson Parish has actively participated in HMGP and HMA Funding since 2006. BHA personnel have been involved with Jefferson Parish in over \$258 million in funding grants for the home elevation program, in response to Hurricanes Katrina, Rita, Gustav, Ike, Isaac, and Ida in the cities of Kenner, Gretna, Harahan, Westwego, Grand Isle, Jean Lafitte, Metairie, Marrero, River Ridge, Harvey, Barataria.

BHA recently managed Jefferson Parish's Disaster Recovery Homeowner Repair Program for Residential Properties through the Office of Community Development, where the construction supervision of approximately 160 individual properties was managed, including the monitoring of plans and construction to ensure compliance with applicable federal, state, and local guidance.

5. Location of Principal Office

All work will be performed out of our Harahan, LA office.

6. Litigation between the Public Entity and Firm:

BHA has no prior, on-going, or anticipated litigation with Jefferson Parish

7. Prior successful completion surveys for roadway projects

BHA surveyors bring extensive expertise in roadway surveying, essential for designing and enhancing road infrastructure. Our team has conducted comprehensive surveys for complete roadway designs, including grading plans, road alignments, and pavement structures. We perform detailed topographic surveys to capture terrain, roadways, existing pavements, curbs, culverts, and surrounding utilities. These surveys support the development of precise roadway designs, grading plans, and other infrastructure improvements by providing accurate data on ground elevations, slopes, and existing road features.

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

Signature:  Print Name: Bryant Hammett, Jr. P.E./P.L.S.

Title: Owner/Manager Date: August 30, 2024



QUALIFICATIONS



Jefferson Parish
TEC Professional Services Questionnaire

Revised Form 02/02/2022

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Hickory Avenue (LA 3154) Rehabilitation (River Road to 10th Street) Professional Engineering Services Related to the Design and Construction (Resolution No. 144734)

B. Firm Name & Address:

The Beta Group Engineering and Construction Services, LLC
1428 1/2 Claire Ave
Gretna, LA 70053

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:

Alex Jaramillo, P.E.
Geotechnical Engineer
alexj@betagroupgc.com
504-227-2273

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.

Alex Jaramillo, P.E.
Geotechnical Engineer
alexj@betagroupgc.com
504-227-2273

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

<u>4</u> Administrative	<u>1</u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u>2</u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>1</u> Civil Engineers	<u> </u> Interior Designers	<u>4</u> Project Managers
<u>15</u> Construction Inspectors	<u> </u> Landscape Architects	<u>3</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>1</u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>31</u> TOTAL

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.

1.

2.

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

YES ☐ NO ☐

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):
1.		
2.		
3.		

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

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:

Murray White
President/ Quality Assurance

Project Assignment:

Quality Assurance

Name of Firm with which associated:

The Beta Group Engineering and Construction Services

Years' experience with this Firm:

27 years with The Beta Group

Education: Degree(s)/Year/Specialization:

1991-1994, coursework, University of Mississippi
1994-1995, coursework, Nicholls State University

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Mr. White has served as President of Beta since 1999. In his years with the firm, he established and maintained an appropriate quality assurance program at various levels of the organization. He has performed all required inspections and tests to maintain quality control and assure compliance to specifications, codes, and standards on multiple projects. Further, Mr. White established and maintained equipment calibration procedures and records, and provided detailed inspection procedures for various projects. In his career, Mr. White served as a Field Technician with another firm. He performed all necessary inspections and tests required to maintain quality control and assure adherence to project specifications, codes, and standards. He also dispatched inspectors to requested project sites to perform numerous tasks for contractors

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Alex Jaramillo, P.E.
Project Assignment:
Geotechnical Engineer
Name of Firm with which associated:
The Beta Group Engineering and Construction Services
Years' experience with this Firm:
11 with The Beta Group 16 with other firms
Education: Degree(s)/Year/Specialization:
B.S./1999/Civil Engineering, University of New Orleans
Active registration: Year first registered/discipline:
2011, Civil Engineering, Louisiana No. 36324
Other experience and qualifications relevant to the proposed Project:
Mr. Jaramillo is responsible for: All geotechnical activities including performing subsoil explorations, completion of soils laboratory testing, geotechnical analyses for projects and completion of the geotechnical report; Preparation, presentation and management of scope, budget, and work plan; Review daily field inspection reports for accuracy and completeness; Monitor the soil laboratory activities; Coordinate logistics; Supervise and interpret field & laboratory testing/data for use in engineering analyses; Ensure services provided are technically satisfactory and effective; Monitor that the project goals and quality objectives are being provided; Responsible for routine communication with client during the project; Prepare and review technical reports and ensure on-time delivery.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Benjamin Kempton Project Manager
Project Assignment: Geotechnical Project Manager
Name of Firm with which associated: The Beta Group Engineering and Construction Services
Years' experience with this Firm: 13 years with The Beta Group
Education: Degree(s)/Year/Specialization: N/A
Active registration: Year first registered/discipline: N/A
Other experience and qualifications relevant to the proposed Project: Mr. Kempton has over 13 years of experience in the Geotechnical Investigation field. In his time at The Beta Group, he has served as the Geotechnical Project Manager and is responsible for the following: all Geotechnical activities including performing subsoil explorations, preparation, presentation and management of scope, budgets and work plan, coordinating logistics such as staffing and sub-consultants, ensuring services provided are technically satisfactory and effective, monitor that project goals and objectives are being provided, routine communication with clients during duration of projects, supervise, train, and mentor personnel in company procedures, prepare technical reports and ensure on-time delivery of the reports, troubleshoot project issues and conflicts.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Hannah Jenkins, E.I. Project Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
The Beta Group Engineering and Construction Services
Years' experience with this Firm:
3 years with The Beta Group
Education: Degree(s)/Year/Specialization:
B.S./2022/Civil Engineering, University of New Orleans
Active registration: Year first registered/discipline:
2022, Civil Engineering, Louisiana No. 0035175
Other experience and qualifications relevant to the proposed Project:
<p>Ms. Jenkins has worked as a Geotechnical Engineer since May of 2022 after completing her Internship which began September 2021. In her time at The Beta Group she performs analyses including, but not limited to Deep Foundation Design, Lateral Pile Analyses, Pavement Design, Seepage Analyses, Settlement Analyses, Sheet Pile Analyses, Slope Stability, Time Rate Analyses. She has worked with a variety of clients to perform analyses under the respective standards and regulations required at State and Local levels. She also writes proposals, fee schedules, and reports to be delivered to clients. To prepare reports and perform various analyses, she has gained experience with gINT and other geotechnical programs. She also has hands-on experience testing materials in the Materials Testing Lab and logging soil samples in the field.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Edward Lazier
Project Assignment:
Senior Driller
Name of Firm with which associated:
The Beta Group Engineering and Construction Services
Years' experience with this Firm:
11 with The Beta Group 9 with other firms
Education: Degree(s)/Year/Specialization:
N/A
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
Mr. Lazier conducts and oversees the site investigation/ geotechnical drilling. He also maintains a water well contractor's license through the Louisiana Department of Energy and Natural Resources. Mr. Lazier has overseen drilling operations for various projects including roadways, marshes, and wooded areas.

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>Proposed Roadway Borings (Meraux Business Park) Park 1 (Chalmette, LA)</p> <p>St Bernard Parish Government (Dept. of Public Works) 1125 East St. Bernard Hwy. Chalmette, LA 70043</p>	<p>The Beta Group (TBG) explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took three undisturbed soil borings to a depth of 6 ft. below the ground surface in the general area of the proposed project. These bores were obtained from both a truck mounted and ATV mounted rig. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. TBG provided design recommendations for roadway thickness and base material.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
2021	Entire Project:	Work for which Firm was Responsible:
2021	Jefferson Parish	\$2,500

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Drainage Improvements (Carville, LA)</p> <p>Meyer Engineers 4937 Hearst St Suite 1B Metairie, LA 70001</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took two undisturbed soil borings to a depth of 30 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Design recommendations were given for bedding and backfill material and compaction. Recommendations were also given for construction excavation, pavement and its base material, and construction quality control.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
2021	Entire Project:	Work for which Firm was Responsible:
2021	Jefferson Parish	\$4,500

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Proposed Parking Lot & Roadway (Belle Chasse Primary School) (Belle Chasse, LA)</p> <p>Meyer Engineers 4937 Hearst St Suite 1B Metairie, LA 70001</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took 8 undisturbed soil borings up to a depth of 50 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. The following analyses were performed: deep foundation, pile load capacities, and lateral pile. Design recommendations were given for asphalt pavement and roadway including base and subbase material and compaction. Construction quality control measures were also recommended.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022		\$7,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Roadway Borings (Terry Parkway from US90B to LA Hwy 23) (Terrytown, LA)</p> <p>Jefferson Parish Capital Projects 1221 Elmwood Park Blvd. Suite 906 Harahan, LA 70123</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took seven undisturbed soil borings up to a depth of 10 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Based on the lab results, pavement and base material design recommendations were provided.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022		\$13,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Roundabout (Slidell, LA)</p> <p>Meyer Engineers 4937 Hearst St Suite 1B Metairie, LA 70001</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took seven undisturbed soil borings up to a depth of 50 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Design recommendations were given pavement thickness, base course material and compaction. Shallow foundation and estimated settlement analyses was also performed based on boring and laboratory test data. Recommendations in the following areas were also provided: pipe bedding and backfill, geotextile fabric, site preparation, and construction quality control.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022		\$10,900

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Drainage Improvements (Metairie, LA)</p> <p>Jefferson Parish Sewerage Dept. 1221 Elmwood Park Blvd. Suite 803 Harahan, LA 70123</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took two undisturbed soil borings to a depth of 50 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Based on borings and laboratory results, analysis for a proposed sheet pile wall were provided. Construction quality control recommendations were also provided.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023		\$5,900

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Lift Station (Madisonville, LA)</p> <p>Meyer Engineers 4937 Hearst St Suite 1B Metairie, LA 70001</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took one undisturbed soil borings to a depth of 60 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Based on details of the proposed project and laboratory results, design recommendations for the lift station were provided. Additional analyses performed include: soil bearing capacity, estimated settlements, volumetric change. Recommendations for bedding material, construction excavation, dewatering, and construction quality control were also provided.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023		\$4,200

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Sylvia Estates Pump Station (Violet, LA)</p> <p>Meyer Engineers 4937 Hearst St Suite 1B Metairie, LA 70001</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took two undisturbed soil borings to a depth of 100 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Based on borings and laboratory results, deep foundation analysis was performed which included pile load capacities, estimated settlement, and pile driving. Design recommendations were made for a sheet pile wall, roadway thickness and base material, and geotextile fabric.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023		\$17,500

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Pavement and Drainage Improvements (Jefferson LA)</p> <p>All South Consulting Engineers 652 Papworth Ave Metairie, LA 70005</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took one undisturbed soil borings to a depth of 20 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Based on the boring and laboratory results, a soil bearing capacity analysis was done and bedding, backfill, and geotextile recommendations were made. Recommendations for site preparation, quality control, roadway, and pavement were also given.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023		\$6,400

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Roadway Borings (Tammany Terrace Subdivision) 20-1813A Phase #A/B (Covington, LA)</p> <p>Meyer Engineers 4937 Hearst St Suite 1B Metairie, LA 70001</p>	<p>The purpose of the Geotechnical Investigation was to explore subsurface conditions and provide recommendations for the geotechnical design of four new roadways and the extension of an existing roadway within the existing Tammany Terrace Subdivision. A total of five undisturbed soil borings were drilled and laboratory tests were conducted. The following tests were done on the soil bores: Atterberg limits, unconfined compression tests, natural moisture content, and unit weight determination. Design considerations for the roadway and construction recommendations were made to the contractor. The Beta Group made engineering and construction recommendations in the following areas, pavement, asphalt, geotextile fabric, volumetric change of soils, earthwork site preparation and quality control, and construction quality control.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024		\$3,600

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:	
1. N/A	N/A	N/A
2.		
3.		
4.		

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

The Beta Group (TBG) has provided geotechnical investigations for over 10 years throughout the Greater New Orleans Area for a large variety of projects. TBG has the ability to drill soil bores in roadways, grassy fields, wooded areas, marshes, and open water. All drilling operations are conducted and supervised by experienced drillers and project manager.

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

Signature:  Print Name: Murray White
 Title: President Date: 08/ 28 /2024

Statement of Qualifications

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF Jefferson

BEFORE ME, the undersigned authority, personally came and appeared: Murray
White, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized President of The Beta Group, LLC (Entity),
the party who submitted a Statement of Qualifications (SOQ) to Hickory Avenue Rehabilitation
Services Related to Design and Construction (Briefly describe the services the SOQ
will cover), to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required
attachment):

Choice A ✓ Attached hereto is a list of all campaign contributions, including
the date and amount of each contribution, made to current or
former elected officials of the Parish of Jefferson by Entity,
Affiant, and/or officers, directors and owners, including
employees, owning 25% or more of the Entity during the two-year
period immediately preceding the date of this affidavit or the
current term of the elected official, whichever is greater. Further,
Entity, Affiant, and/or Entity Owners have not made any
contributions to or in support of current or former members of the
Jefferson Parish Council or the Jefferson Parish President through
or in the name of another person or legal entity, either directly or
indirectly.

Choice B there are **NO** campaign contributions made which would require
disclosure under Choice A of this section.

Affiant further said:

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B ☒ There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

Solicitation of Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all elected officials of the Parish of Jefferson, whether still holding office at the time of the affidavit or not, where the elected official, individually, either by **telephone or by personal contact**, solicited a campaign contribution or other monetary consideration from the Entity, including the Entity's officers, directors and owners, and employees owning twenty-five percent (25%) or more of the Entity, during the two-year period immediately preceding the date the affidavit is signed. Further, to the extent known to the Affiant, the date of any such solicitation is included on the attached list.

Choice B ☒ there are **NO** solicitations for campaign contributions which would require disclosure under Choice A of this section.

Affiant further said:

Subcontractor Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Affiant further said that attached is a listing of all subcontractors, excluding full time employees, who may assist in providing professional services for the aforementioned SOQ.

Choice B ✓ There are **NO** subcontractors which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

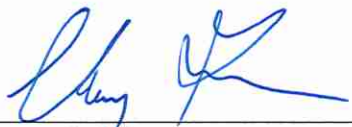
That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.


Signature of Affiant

Murray White
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 28th DAY OF August, 2024


Notary Public

Cindy Garcia
Printed Name of Notary

125967
Notary/Bar Roll Number

My commission expires at death



Contributions made to elected officials of Jefferson Parish					
Name of Councilman Contribution Amounts Date Contributed (list singularly)			Name of Councilman Contribution Amounts Date Contributed (list singularly)		
Cynthia Lee Sheng, Parish President			Deano Bonano, Council District 2		
The Beta Group	\$1,000.00	November 27, 2018	The Beta Group	\$500.00	May 9, 2019
The Beta Group	\$1,000.00	November 3, 2019	The Beta Group	\$500.00	May 10, 2019
The Beta Group	\$1,000.00	September 30, 2019	The Beta Group	\$1,000.00	August 13, 2019
			The Beta Group	\$1,000.00	October 21, 2019
Jennifer Van Vracken, Council At-Large, Division A			The Beta Group	\$1,000.00	March 4, 2020
The Beta Group	\$1,000.00	February 8, 2017	The Beta Group	\$500.00	May 13, 2021
The Beta Group	\$500.00	June 14, 2017	The Beta Group	\$1,000.00	August 23, 2022
The Beta Group	\$500.00	March 19, 2021	The Beta Group	\$1,000.00	April 26, 2023
Scott Walker, Council At Large, Division B			Byron L. Lee, Council District 3		
The Beta Group	\$1,000.00	November 11, 2019	The Beta Group	\$2,500.00	March 28, 2023
The Beta Group	\$1,000.00	November 19, 2020	The Beta Group	\$2,500.00	October 19, 2019
The Beta Group	\$500.00	February 18, 2022	The Beta Group	\$2,500.00	December 16, 2019
			The Beta Group	\$1,000.00	April 24, 2023
Marion F. Edwards			The Beta Group	\$2,500.00	September 7, 2023
The Beta Group	\$2,500.00	July 1, 2019			
The Beta Group	\$500.00	August 16, 2021	Hans Liljeber, Council District 5		
The Beta Group	\$2,000.00	April 24, 2023	The Beta Group	\$1,000.00	April 12, 2023



Office of Conservation | Department of Energy and Natural Resources
STATE OF LOUISIANA

WATER WELL CONTRACTOR'S LICENSE

The Office of Conservation
for the Department of Energy and Natural Resources
State of Louisiana

hereby acknowledges that

THE BETA GROUP

Edward J. Laizer

has been licensed to drill monitoring wells and water wells under the provisions of R.S. 38:3098
and is entitled to practice in the state of Louisiana as a Water Well Contractor.

This License is non-transferable and expires **June 30, 2025** unless
renewed, revoked or suspended by the licensing authority as prescribed by statute.

Signed and sealed this 2nd day of July, 2024

BENJAMIN C. BIENVENU

COMMISSIONER OF CONSERVATION

Office of Conservation
Louisiana Department of Energy and Natural Resources

License No. WWC- # 799



QUALIFICATIONS



Jefferson Parish
TEC Professional Services Questionnaire

Revised Form 02/02/2022

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

HICKORY AVENUE (LA 3154 REHABILITATION (RIVER ROAD TO 10TH STREET))
PROFESSIONAL ENGINEERING SERVICES RELATED TO THE
DESIGN AND CONSTRUCTION
Resolution 144734 | SOQ 24-030

B. Firm Name & Address:

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



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>124</u> Other
<u>14</u> Professional Land Surveyors		<u>297</u> TOTAL

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):
N/A		

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

297 (all personnel, primary and support, will be available to work on this project)

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 throughout the State of Louisiana, but specifically in the Greater New Orleans area. He is thoroughly familiar with LADOTD and AASHTO road, pedestrian, and drainage design standards, including the LADOTD Road Design Manual, LADOTD Minimum Design Guidelines, LADOTD's Hydraulic Manual, ASHTO's Policy on Geometric Design of Highways and Streets, and AASHTO's Guide for Planning, Design & Operation of Pedestrian Facilities. Kenny is experienced with AutoCAD, MicroStation, and LADOTD HYDR Programs. He is a graduate of the University of New Orleans and is an active member of St. Catherine of Siena Parish school and community, and is an active member of ASCE and the Louisiana Engineering Society.

Project Experience

Citrus Boulevard Improvements; Jefferson Parish Government; Jefferson Parish, LA - Project Manager/Engineer of Record. Project scope is for roadway removal and reconstruction for the 0.90 mile 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 throughout construction. Design tasks include roadway vertical alignment, turnout analysis for design vehicle, median openings, water line and appurtenances design and relocation, and minor drainage design. Project delivered under budget. *(Previous employer.)*

S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA – Engineer of Record (Road) and Project Manager. Kenny was responsible for the asymmetrical widening of 2.7 miles of LA 20 to add 8' shoulders near Vacherie, LA. Project scope included horizontal and vertical geometry, drainage design (subsurface and open ditch), cross section roadway elements, and permanent signing and pavement markings. Provided quality control review of entire plan set ensuring compliance with LADOTD standards and coordination with in-construction state project located within the project limits. Coordinated with LADOTD project manager, LADOTD pavement design section, LADOTD hydraulic section, and subconsultants to ensure project delivery meeting all necessary standards and coordinated with adjacent project. Oversaw the design of required utility relocations required for the roadway project along the corridor as a separate project let through St. James Parish.

TEC Professional Services Questionnaire

PROFESSIONAL IN CHARGE OF PROJECT:

Kenny Belou, PE (continued)

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, large-scale drainage design (including box culvert and canal re-grading/realignment), and subsurface drainage design. Design tasks included left turn intersection on Veterans Boulevard, box culvert layout and design, and subsurface drainage design. Due to impact of drainage work, the project also included water line offsets and sewer line relocations. He provided QAQC and coordinated markups for subconsultant design scope and served as point of contact for subconsultants.. (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 CMAR project. Scope includes site and road design facets—including the removal, reconstruction, and reconfiguration of Henry Clay Avenue (from 40' wide road to 33' wide) from Leake Avenue to Tchoupitoulas Street; along with the removal and realignment of Leake Avenue and Calhoun Street. Site design aspects include parking lot, entrance drives, 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. 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 Storm Water and Wastewater Category. (Previous employer.)

MA-18-12, Hwy 930 Widening (LA 42 to Causey Road); Ascension Parish Government; Ascension Parish, LA — Supervisor Engineer. Kenny is the supervisor engineer for the 1.6 mile roadway reconstruction project in Ascension Parish. He oversaw the redesign of the project's open ditch and subsurface drainage system which was previously designed by LADOTD prior to the road transfer to Ascension Parish. The drainage redesign mitigated conflicts with a major water transmission line located throughout the project length which was identified during utility coordination between Ascension Parish and Baton Rouge Water Company. Following the review and approval of the drainage redesign, he is now responsible for the quality assurance, quality control and project delivery for the local urban collector roadway project. The project and project delivery follow all LADOTD design guidelines and milestones. 100% Final Plans were submitted to the Parish for the expected 2025 letting and construction.

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 ROW mapping, subconsultant geotechnical engineering reports and research, and subconsultant lighting design.

Roddy Road Widening (LA 935 to LA 621); Ascension Parish Government; Ascension Parish, LA — Supervisor Engineer. Kenny is the supervisor engineer for the 1.5mile 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.

Edenborn Avenue Drainage Improvements; Jefferson Parish Government; Jefferson Parish, LA – Project Engineer. Kenny served as project engineer for this drainage improvement project which also included the design of concrete roadway vertical alignment, pervious asphalt and concrete sidewalk, conflict boxes, and minor sewer and water work. Kenny performed drainage calculations for the 2,000 linear feet of major drainage (60" to 72" trunk lines), designed typical sections, and oversaw plan production. (Previous employer.)

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.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Brian E. Moldaner, MBA, PE
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 40075//2015/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 – 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

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 45362/2021/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. He is a resident of Harahan, Louisiana and a board member of the American Society of Civil Engineers New Orleans Branch.

Project Experience

S.P. No. H.004396, Lapalco Boulevard Movable Bridge over Harvey Canal; Jefferson Parish Government; Jefferson, LA – Project Engineer for the pre-design inspection and load rating of the existing four-lane Lapalco Boulevard bridge in Westwego, Louisiana. The scope for the existing bridge included converting the four-lane bridge to three lanes with a new pedestrian/bike lane. Brady was responsible for assisting the lead bridge engineer in the inspection of the existing bridge, development on the bridge inspection report, load rating of the existing bridge, and rehabilitation recommendation.

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.

S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA – Project Engineer. Brady was responsible for managing the final QA/QC review and implementation of review comments of the construction plans for the asymmetrical widening of 2.7 miles of LA 20 to add 8' shoulders near Vacherie, LA. Project scope included horizontal and vertical geometry, drainage design (subsurface and open ditch), cross section roadway elements, and permanent signing and pavement markings.

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, and construction close-out.

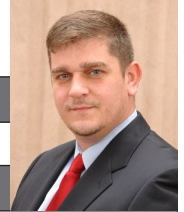
TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

TJ Stokes, PE

Practice Leader, Transportation



Project Assignment:

Subsurface Utility Engineering, Lead

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:

Name & Title:

Kelly Radecker, PE

Lead Engineer, Roads



Project Assignment:

Roadway Design

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 43919/2019/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:

Paul Carroll, PE

Senior Project Manager



Project Assignment:

Drainage Engineer

Name of Firm with which associated:



Years' experience with this Firm:

7 with this firm | 13 with other firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2006/Civil Engineering

Bachelor of Science/2003/Mechanical Engineering

Active registration: Year first registered/discipline:

LA PE 33902/2008/Civil

Other experience and qualifications relevant to the proposed Project:

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.

Project Experience

David Drive Corridor Improvements, West Napoleon Avenue to Veterans Boulevard; Jefferson Parish Government; Jefferson Parish, LA – 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.

West Esplanade Avenue Restoration Eastbound, Tartan Drive To Haring Road; Jefferson Parish Government; Jefferson Parish, LA – 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.

I-12 Additional Hydraulic Analysis; St. Tammany Parish Government; St. Tammany, LA – 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.

S.P. No. H.011152, I-12 Widening, US 190 to LA 59; LADOTD; St. Tammany Parish, LA – 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.

S.P. No. H.004113, I-12 to Bush; LA 3241, LA 435 to LA 40/41; LADOTD; St. Tammany Parish, LA – 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.

HRI Covington Trace Ridge Apartments; Impetus; St. Tammany Parish, LA – Project Engineer. Civil site design including paving, site grading, stormwater drainage, water, sewer, and stormwater drainage study.

Amazon Distribution Center; Scannell Properties, LLC; Carencro, LA – 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.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Clark Capone, PE, PMP

Senior Project Manager



Project Assignment:

Project Engineer

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 (Transcontinental to Causeway); 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.

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.

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.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Lisa Osborne
Senior Project Designer



Project Assignment:

Senior Project Technician

Name of Firm with which associated:



Years' experience with this Firm:

10 with this firm | 33 with other firms

Education: Degree(s)/Year/Specialization:

N/A

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

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.

Project Experience

West Esplanade Avenue Restoration Eastbound, Tartan Drive To Haring Road; Jefferson Parish Government; Jefferson Parish, LA – 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.

David Drive Corridor Improvements, West Napoleon Avenue to Veterans Boulevard; Jefferson Parish Government; Jefferson Parish, LA – 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.

Labarre Road Widening, Airline Drive to Loumor Street; Jefferson Parish Government; Jefferson Parish, LA – Senior Project Designer. Prepared preliminary design for roadway widening including permanent striping and signs and develop quantities. Prepared all necessary plans for the submittal.

I-12 to Bush: LA 3241, LA 435 to LA 40/41; LADOTD; St. Tammany Parish, LA – 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.

I-12, US 190 to LA 59; LADOTD; St. Tammany Parish, LA – Senior Project Designer. Assisted with roadway geometric design including H&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.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Katie Anders
Project Designer



Project Assignment:

Roadway Designer/Project Designer

Name of Firm with which associated:



Years' experience with this Firm:

7 with this firm | 3 with other firms

Education: Degree(s)/Year/Specialization:

Associate of Science/2014/Drafting & Design

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

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.

Project Experience

Labarre Road Widening, Airline Drive to Loumor Street; Jefferson Parish Government; Jefferson Parish, LA – Sr. Project Technician. Prepared preliminary design for roadway widening including permanent striping and signs and develop quantities. Prepared all necessary plans for the submittal.

Lafreniere Park Healthtrak Reconstruction; Jefferson Parish Government; Jefferson Parish, LA – Sr. Project Technician. Katie was responsible for preparing construction plans and technical specifications. She provided start to finish support for the engineering team.

West Esplanade Avenue Restoration Eastbound, Tartan Drive To Haring Road; Jefferson Parish Government; Jefferson Parish, LA – 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.


Causeway Area Waterline Improvements; Jefferson Parish Government; Jefferson Parish, LA – 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.

Jefferson Hwy. Waterline Replacement; Jefferson Parish Government; Jefferson Parish, LA – 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.

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.


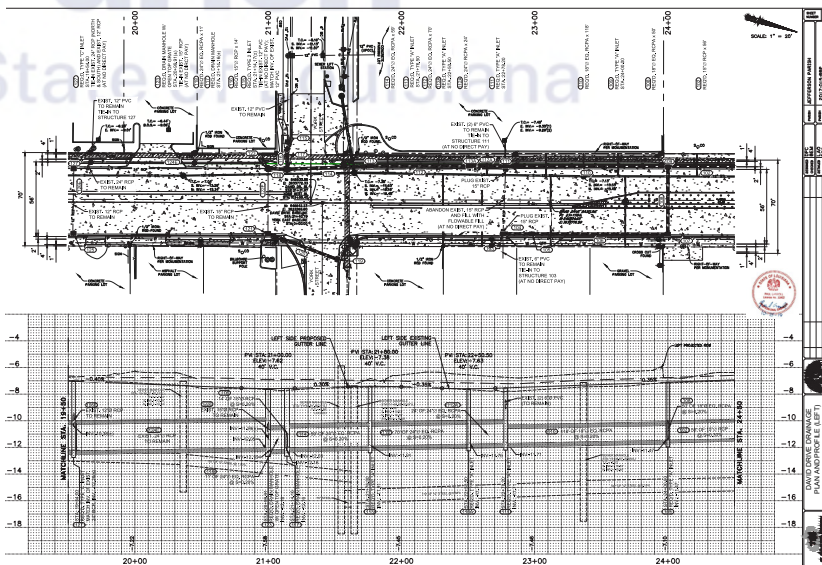
PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>2017-032-RBP, Eastbound West Esplanade Avenue Restoration, Tartan Drive to Haring Rd Jefferson Parish, LA</p> <p>Jefferson Parish Public Works Department Mark Drewes, PE, Director 1221 Elmwood Pk. Blvd., Suite 904 Jefferson, LA 70123 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>Services Provided:</p> <ul style="list-style-type: none"> • Topographic Survey • Construction Cost Estimating • Design of Full Roadway Reconstruction (Concrete and Asphalt Paving) • Design of Drainage Improvements (Small and Large Diameter RCP) • Utility Coordination • Coordination of Public Bidding • Construction Administration • Resident Inspection (via sub-consultant) • Record Drawings 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 (actual)	\$2,077,645	\$2,077,645

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>2017-015-RBP, David Drive Corridor Improvements, West Napoleon Avenue to Veterans Boulevard Jefferson Parish, LA</p> <p>Jefferson Parish Public Works Department Mark Drewes, PE, Director 1221 Elmwood Pk. Blvd., Suite 904 Jefferson, LA 70123 504.736.6500</p> <div style="text-align: center;">  </div>	<p>Jefferson Parish selected TBS as a sub-consultant to Digital Engineering & 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>Services Provided:</p> <ul style="list-style-type: none"> Hydraulic Design and Reporting Storm Drainage System Design Canal Wall Structural Tie-in Design Construction Cost Estimating Specifications for Non-standard Items <div style="text-align: center;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022 (actual)	\$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.


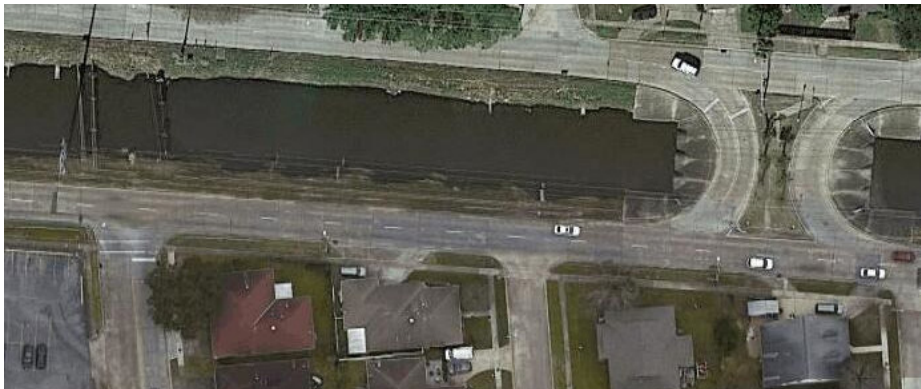
PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>2017-020-RBP, Labarre Road Widening, Airline Dr. to Loumor St. Jefferson Parish, LA</p> <p>Jefferson Parish Public Works Department Mark Drewes, PE, Director 1221 Elmwood Pk. Blvd., Suite 904 Jefferson, LA 70123 504.736.6500</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="text-align: center; margin-top: 20px;">  </div>	<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 & coordination, waterline design, drainage modifications, curb & gutter, sidewalk, driveway, mill & 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>Services Provided:</p> <ul style="list-style-type: none"> Topographic Survey Construction Cost Estimating Engineering Design Utility Coordination & Relocation Plans and Specifications Coordination of Public Bidding Construction Administration Record Drawings <div style="text-align: center; margin-top: 20px;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
2023 (actual)	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.


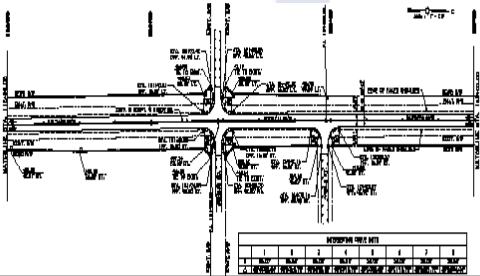
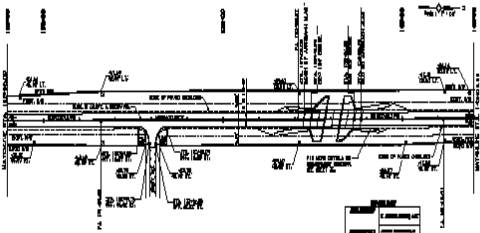
PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>2020-12-RBP, Eastbound West Esplanade Avenue Improvements (Transcontinental to Causeway) Jefferson Parish, LA</p> <p>Jefferson Parish Public Works Department Mark Drewes, PE, Director 1221 Elmwood Pk. Blvd., Suite 904 Jefferson, LA 70123 504.736.6500</p> <div style="text-align: center;">  </div>	<p>Included as part of the Jefferson Parish Road Bond Program, this project consists of roadway, drainage, pedestrian, sewer, and potable waterline improvements along a 3-mile stretch of Eastbound West Esplanade Avenue from Haring Road to Causeway Boulevard. The project was originally scoped as one project but was eventually split into two projects. Project 1 limits cover the asphalt stretch of West Esplanade and is from Haring Road to Hudson Street. Project 2 limits cover the concrete stretch of West Esplanade and is from Hudson Street to Causeway Boulevard.</p> <p>T. Baker Smith, LLC (TBS) provided surveying services and engineering design for the projects. TBS performed all design for the project including asphalt pavement (mill and overlay and full depth), concrete pavement, utility relocation and coordination, waterline design, drainage improvements, curb and gutter, pedestrian improvements, and striping layout.</p> <p>The 100% Final Plans for Project 1 were submitted to Jefferson Parish and should go to bid soon. During bidding, TBS will coordinate the project through the Louisiana Public Bid Process. During construction, TBS will provide Construction Administration and produce record drawings once construction is complete. Project 2 was advanced to 65% Final and is on hold awaiting further direction from the Parish.</p> <p>The Project 1 improvements consist of approximately 17,000 square yards of milling, 3,200 tons of asphalt, 500 linear feet of drain culverts, and 10 concrete canal outfall structures. The estimated construction cost for Project 1 is \$4.6 million.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> Topographic Survey Engineering Design Construction Cost Estimation <div style="text-align: center;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025 (estimated)	\$10,708,528 (estimated)	\$10,708,528 (estimated)

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>Roddy Road Widening Ascension Parish, LA</p> <p>Ascension Parish Government Daniel Helms 42077 Churchpoint Rd Gonzales, LA 70737 225.450.1320</p> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div>	<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 & 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. TBS assisted Ascension Parish Government with the bidding process, including drafting the invitation to bidders, issuance of addendum, and recommendation of low bidder.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> Survey Roadway Design Utility Location/Coordination Subsurface Utility Engineering Bidding Assistance Right-of-Way Mapping 					
<p style="text-align: center;">Completion Date (Actual or estimated):</p> <p>Ongoing (Est. Completion: Dec. 2024)</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d3d3d3;"> <th style="width: 50%; text-align: center;">Entire Project:</th> <th style="width: 50%; text-align: center;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">\$8,000,000 (estimated)</td> <td style="text-align: center;">\$8,000,000 (estimated)</td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was Responsible:	\$8,000,000 (estimated)	\$8,000,000 (estimated)
Entire Project:	Work for which Firm was Responsible:					
\$8,000,000 (estimated)	\$8,000,000 (estimated)					

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.


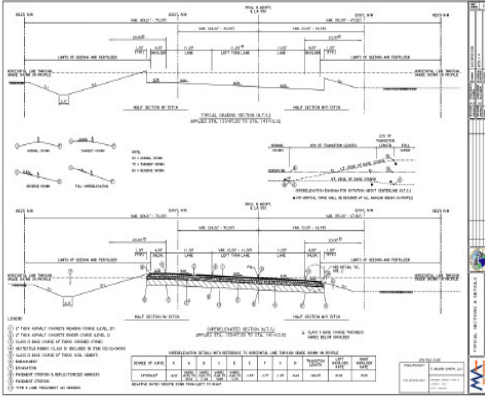
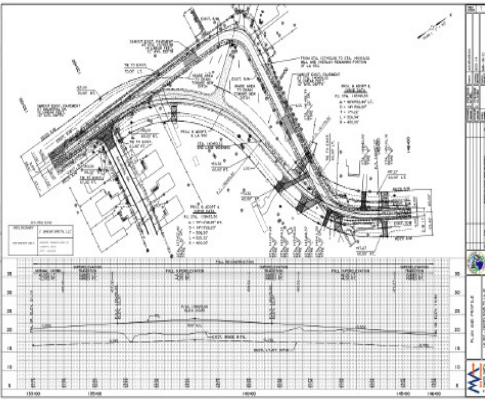
PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>H.013116, LA 20 Widening LA 307 to S. Vacherie St. James and Lafourche Parishes, LA</p> <p>Louisiana DOTD Corey Landry, PE 1201 Capitol Access Rd. Baton Rouge, LA 70802 225.379.1889</p>  	<p>The LA 20 widening project is a safety project featuring asymmetrical roadway widening of the LA 20 two-lane, rural arterial corridor from near LA 307 to South Vacherie by adding 8' outside shoulders and widening travel lanes. Currently, the roadway has no shoulders, narrow travel lanes and an existing borrow canal immediately adjacent to the west side of the roadway section. The roadway is surrounded by forested swamp land conditions for much of the project's three-mile length. Upon completion, this section of roadway will meet current Rural Arterial standards and provide increased recovery area for errant vehicles. Included within the project is the replacement of a narrow two-lane reinforced concrete slab span bridge near the St. James/Lafourche Parish line. The project is being designed in conjunction with S.P. No. H.009481 – LA 20/Bayou Chevreuil bridge replacement, which is located near the center of the roadway widening project. During the initial planning phases, T. Baker Smith, LLC (TBS) conducted the Stage 0 Feasibility study and developed the Line and Grade study using Aerial and Mobile LIDAR. Since the beginning of the design phase, TBS has served as the prime consultant. During the initial design stages, TBS conducted all topographic surveying and Subsurface Utility Engineering (SUE) services for the nearly three-mile project corridor. SUE services consisted of Quality Level B services on all utility facilities within the project and Quality Level A services for larger facilities which crossed the roadway centerline including pipelines, fiber optics and water mains. The project design calls for two 12' travel lanes and two 8' shoulders. TBS is responsible for all geometric design, traffic management plans, plan production of preliminary and final plans, utility conflict analysis and coordination, existing and design drainage mapping, property surveys and right of way mapping. TBS is also responsible for all bridge design elements including the replacement of a 5-span reinforced concrete slab span bridge using split-phase construction and special design elements. TBS also provided environmental services including wetland delineations, USCG coordination, permit drawing preparation, preparation of the Categorical Exclusion (NEPA) document, Public Meetings and related work. TBS was responsible for coordination of geotechnical investigation and design services including settlement analysis and specialty pavement section features due to the existing site conditions. TBS submitted 100% Final Plans to DOTD in April, 2023 and the project construction is now complete.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Roadway Design • Drainage Design • Topographic Survey • Subsurface Utility Engineering 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2023 (Actual)	\$19,838,206	\$19,838,206

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>LA 930: Causey Road to LA 42 Ascension Parish, LA</p> <p>Ascension Parish Government Daniel Helms 42077 Churchpoint Rd Gonzales, LA 70737 225.450.1320</p> <div style="text-align: center; margin: 10px 0;">  </div> <div style="display: flex;">   </div>	<p>As part of Ascension Parish's Move Ascension Transportation Program, T. Baker Smith, LLC was selected as the prime consultant for the LA 930 Widening and Reconstruction project from Causey Road to LA 42. The project includes 1.65 miles of roadway widening from the existing 9' travel lanes and minimal shoulders to 11' travel lanes with four-foot shoulders and associated roadside ditch improvements. All portions of LA 930 will be reconstructed due to poor existing pavement and base. The project also includes multiple intersection improvements as well as coordination with other consultants for separate roundabout projects.</p> <p>TBS is the prime consultant on this project and is responsible for all roadway design aspects including widening and reconstruction, drainage design, horizontal and vertical geometric layout, pavement design, intersection grading, and pavement marking and permanent signing layout design. LADOTD had previously taken the plans to the 95% final stage, but due to an inability to complete the project because of a utility crossing, TBS took it over from that point.</p> <p>TBS completed a Value Engineering task at the major utility crossing and made several design accommodations to satisfy clearance requirements of the pipeline companies. Upon completion of this task, as well as a complete review and re-design of specific elements, TBS submitted the 95% Final Plans on 3/2019.</p> <p>TBS was able to revise plans developed by LADOTD, resulting in avoidance and mitigation of several costly pipelines within the project limits, saving the Parish \$4 million in relocation costs on the project.</p> <p>TBS also prepared a separate set of Clearing and Grubbing Plans for the Parish to bid out via a separate package. TBS assisted in the bidding process and also assisted in answering Contractor RFI's and submittals throughout the construction phase. TBS submitted 100% Final Plans in August 2024. The Parish is awaiting funding prior to construction.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Roadway Design • Drainage Design • Utility Engineering 					
<p>Completion Date (Actual or estimated):</p> <p style="text-align: center;">August 2024 (Actual)</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d3d3d3;"> <th style="width: 50%; text-align: center;">Entire Project:</th> <th style="width: 50%; text-align: center;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">\$5,200,000 (estimated)</td> <td style="text-align: center;">\$5,200,000 (estimated)</td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was Responsible:	\$5,200,000 (estimated)	\$5,200,000 (estimated)
Entire Project:	Work for which Firm was Responsible:					
\$5,200,000 (estimated)	\$5,200,000 (estimated)					

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>LA 621 at Roddy Road Roundabout Ascension Parish, LA</p> <p>Ascension Parish Government Daniel Helms 42077 Churchpoint Rd Gonzales, LA 70737 225.450.1320</p> <div style="text-align: center; margin-top: 20px;">  </div>	<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 submitted 95% Final Plans to Ascension Parish and LADOTD.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> Roadway Design Drainage Design Topographic Survey Subsurface Utility Engineering Utility Relocation <div style="text-align: center; margin-top: 20px;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024 (estimated)	\$3,500,000	\$3,500,000 (estimated)

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.



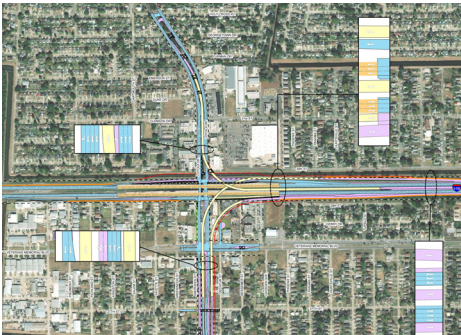
PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>MA-18-07, Braud Rd. & Germany Rd. Roundabout Ascension Parish, LA</p> <p>Ascension Parish Government Daniel Helms 42077 Churchpoint Rd Gonzales, LA 70737 225.450.1320</p> <div style="text-align: center;">  </div>	<p>Ascension Parish, through its transportation initiative Move Ascension, aims to improve the major transportation network throughout the Parish of Ascension by improving intersections, Interstate interchanges and widening roadways. The intersection of Braud Rd. and Germany Rd. in Prairieville was selected as a major project to replace the current stop-controlled intersection with a roundabout. A roundabout study was conducted by T. Baker Smith, LLC (TBS) including traffic analysis and roundabout configurations including slip lanes. Once the roundabout configuration was approved, design plans began for the single lane roundabout at this location.</p> <p>The scope of work for the Braud/Germany roundabout included topographic surveys, Subsurface Utility Engineering (SUE), property surveys, Right-of-Way mapping, Utility conflict analysis and relocation management, roadway design of the roundabout and approaches, storm drainage design, pavement design, roadway lighting and related work. TBS completed the surveying, SUE and utility conflict analysis on an expedited schedule in order to prepare for adjacent project designs including the widening of Germany road. The single lane roundabout includes a 130' inscribed circle with a 20' wide circulatory path. The initial stages of the roundabout design were modeled using Bentley TORUS 5.0 Roundabouts design software and subsequently Bentley Inroads design modeling for plan production including horizontal and vertical geometry, cross sections and drainage design. Plans include utility relocations, roundabout/intersection lighting and landscaping of the roundabout center island. TBS has completed the 98% Final Plans, ahead of schedule, and is currently awaiting Right-of-Way acquisition to be completed to let the project. TBS is responsible for all preliminary and final roadway/roundabout plans, geometric design, existing and design drainage mapping, Traffic Management Plans, Utility Conflict Matrices and Project Management.</p>	
	Services Provided:	
	<ul style="list-style-type: none"> Roadway Design Roadside Drainage Topographic Survey Subsurface Utility Engineering Right-of-Way Mapping 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024 (estimated)	\$2,500,000	\$2,500,000 (estimated)

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>I-10/Loyola Interchange Improvements Jefferson Parish, LA</p> <p>LADOTD Timothy Nickel, PE P.O. Box 94245 Baton Rouge, LA 70804 225.379.1110</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>	<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&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 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> <p>Services Provided:</p> <ul style="list-style-type: none"> Roadway Design Environmental Assessment Alternatives Analysis 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 (actual)	\$125,000,000	\$688,000 (fees)

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:	
Jefferson Parish Government	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	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.



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 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 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

Referring to Section M above, TBS was involved in a legal matter with Jefferson Parish that was settled in April, 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.

TBS PROJECT LEADERSHIP



Kenny Belou, PE is the Lead Professional for Transportation Engineering at TBS with over 19 years of experience. He has served as the Project Manager, Project Engineer, and Engineering Support on roadway, drainage, sewer, and water projects throughout Jefferson Parish—including leading the project planning, design, and construction support for the Citrus Boulevard Improvements project (2017-013-RBP) located less than one mile from the Hickory Avenue Rehabilitation project. His experience with Jefferson Parish and his work in this area offers a distinctive perspective and valuable expertise for this project. Kenny will serve as Professional in Charge, overseeing all technical and managerial aspects to ensure successful completion. His responsibilities include leading the project team, making critical decisions, and ensuring that all work meets industry standards and client expectations.



Brian Moldaner, MBA, PE is the Chief Growth Officer at TBS with over 13 years at the firm. A licensed professional engineer and experienced project manager, he leads strategy, growth, and the public works market, overseeing complex civil projects, including drainage, roadways, and utilities. He has served as Project Manager and Project Engineer on many Jefferson Parish projects, such as Labarre Rd. Widening, David Dr. Corridor Improvements, West Esplanade Reconstruction, and Grand Isle Roadway Improvements. Brian will serve as Client Liaison for this project, acting as the primary point of contact between the client and the project team.

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

- | | |
|--|--|
| <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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, MBA, PE

Title: Chief Growth Officer

Date: 09/05/2024

