

PROFESSIONAL TRAFFIC ENGINEERING SERVICES

Jefferson Parish, Louisiana

SOQ 23-037 Resolution No. 143314
January 25, 2024

PREPARED FOR



**Jefferson
Parish**
State of Louisiana

JEFFERSON PARISH PURCHASING DEPARTMENT
GENERAL GOVERNMENT BUILDING
200 DERBIGNY STREET, SUITE 4400
GRETNA, LA 70053
ATTN: SHANNA FOLSE
SFOLSE@JEFFPARISH.NET
504.364.2680

SUBMITTED BY



DIGITAL ENGINEERING & IMAGING, INC.

DIGITAL ENGINEERING & IMAGING, INC.
527 WEST ESPLANADE AVE., SUITE 200
KENNER, LA 70065
504.468.6129

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Provide Professional Traffic Engineering Services for a period of two (2) years
Resolution No. 143314

B. Firm Name & Address where Project work will be performed:



DIGITAL ENGINEERING & IMAGING, INC.
527 West Esplanade Avenue, Suite 200
Kenner, LA 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:

Kurt Evans, P.E., FITE, FACEC
CEO, Principal
527 West Esplanade Avenue, Suite 200
Kenner, LA 70065
504.468.6129
kevans@deii.net

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.

Frank Liang, P.E., PTOE
Senior Vice President
527 West Esplanade Avenue, Suite 200
Kenner, LA 70065
504.468.6129
fliang@deii.net

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

<u>13</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u>3</u> Graduate Engineers
<u>17</u> Civil Engineers	<u> </u> Interior Designers	<u>2</u> Project Managers
<u>7</u> Construction Inspectors	<u> </u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u>1</u> Sanitary Engineers
<u>3</u> Engineer Intern	<u>2</u> Environmental Engineers	
<u> </u> Professional Land Surveyors	<u>4</u> Designers	<u>52</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.
N/A

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.

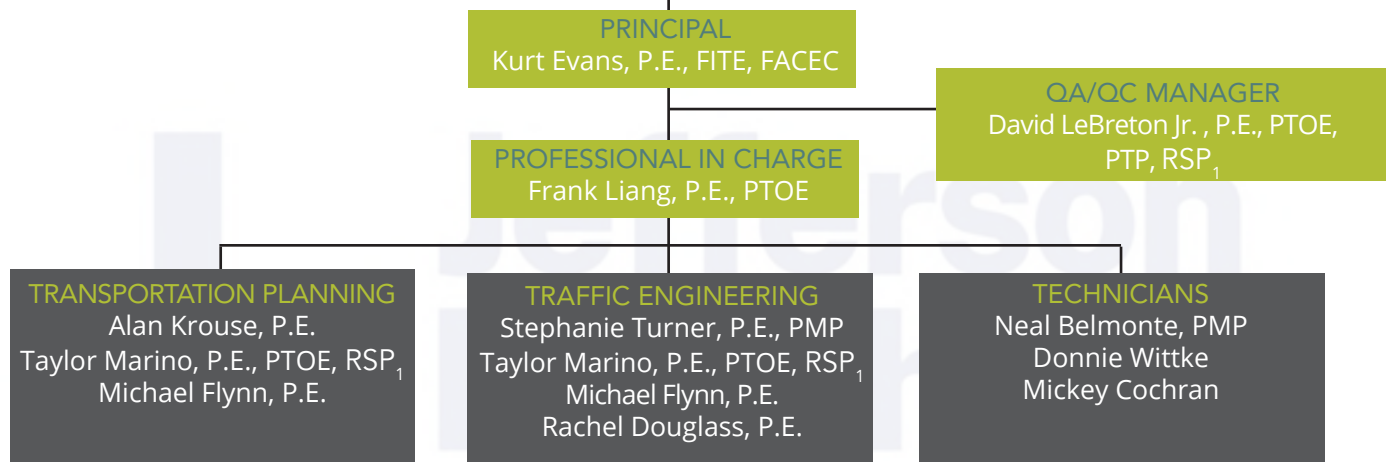
Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A	N/A	N/A
2.		
3.		
4.		

TEC Professional Services Questionnaire

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

We have assigned eleven (11) personnel to this as-needed traffic engineering contract as illustrated in the Organization Chart below.

DE TEAM ORGANIZATION CHART



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:

Frank Liang, P.E., PTOE, Senior Vice President

Project Assignment:

Professional in Charge

Name of Firm with which associated:



Years' experience with this Firm:

29

Education: Degree(s)/Year/Specialization:

BS/1994/Civil Engineering

Active registration: Year first registered/discipline:

1999/Civil, 2012/PTOE

Other experience and qualifications relevant to the proposed Project:

Mr. Liang is a transportation engineering professional with over 29 years of experience performing services with LADOTD, Regional Planning Commission, and local municipalities and parishes. With the Northwestern University Traffic Institute, Mr. Liang successfully completed the Institute's Traffic Signal Design Workshop, Fundamentals of Geometric Design, and the Highway Capacity Analysis Workshop. His experience includes the following:

Commercial Development at 2561 Metairie Road, Richmond Development, Metairie, LA

Mr. Liang was the Principal in Charge for the completion of a traffic impact analysis (TIA) for the proposed development at 2561 Metairie Road. This TIA was required to be reviewed and approved by Jefferson Parish prior to construction commencing on the development. For this TIA, traffic counts were taken, trip generations were developed, a pre and post development level of service (LOS) analysis was completed for the intersection of Metairie Road

and North Labarre Road, and a report was developed summarizing the findings and results. Ultimately the TIA was approved by the Parish and the development was constructed.

Transcontinental Corridor Intersection Improvements (Transcontinental Boulevard at West Esplanade Avenue), Jefferson Parish, LA

Mr. Liang served as Project Manager for this feasibility study for proposed intersection improvements including hydraulic analysis for box culvert installations, as well as traffic counts and analysis for addition of dedicated left and right turn lanes. He prepared a VISSIM traffic simulation model to depict existing and proposed conditions. DE performed all feasibility phase services including traffic counts, layouts, VISSIM model, and cost estimating. DE prepared plans and specifications for the improvement which included large diameter drainage line installation, dual left turn lanes, dedicated right turn lanes to improve traffic flow, and a new traffic signal system.

CONTINUED- Other experience and qualifications relevance to the proposed Project:

Huey P. Long Bridge Improvements, Jefferson Parish, LA

As part of the widening of the existing Huey P. Long Bridge and reconstruction of roadway approaches/intersections, Mr. Liang evaluated traffic impacts to local infrastructure and traffic operations including the compilation of VISSIM traffic model to simulate future traffic conditions with the proposed improvements in place. As a representative for Jefferson Parish, Mr. Liang also evaluated the proposed alignments for both the westbank and eastbank approaches to the Huey P. Long Bridge. While still keeping the State's design guidelines and requirements in mind, these alignments were reviewed for the Parish's interest such as the viability of the development of adjacent properties upon completion of the project, property acquisitions, and access to adjacent properties. Mr. Liang concluded that significant changes were needed to the westbank approach and proposed a new alignment that would serve both the State's and Parish's needs.

LADOTD SP No. 700-57-0114: Stage 0 Feasibility Study and Environmental Inventory-Abbeville Bypass, Vermilion Parish, LA

Mr. Liang served as Project Manager for the development of a bypass facility around the City either on new or existing alignment, or a combination thereof, to connect US Highway 167 (US 167) north of Abbeville with LA Highway 82 (LA 82) south of Abbeville. The project study identified affordable alternatives to divert heavy truck traffic that currently travels through the downtown district, ways to decrease traffic congestion, and improvements to safety of vehicles and pedestrians traveling on LA 82. Scope of work included traffic counts, highway capacity analysis, traffic modeling and forecasting, and construction cost estimating.

Stage 0 Congestion Management: Traffic Circulation, Parking, and Safety Study for Downtown Covington, Covington, LA

Mr. Liang served as Lead Traffic Engineer for a comprehensive traffic circulation, parking, & safety study of the historic downtown area that involved collecting/analyzing traffic, crash, pedestrian, and bicycle related data to recommend new or improved policies to enhance traffic circulation, parking, signage/signals, and safety for all transportation modes.

Stage 0 Feasibility Study-David Drive (Veterans Boulevard to Airline Drive), Jefferson Parish, LA

Mr. Liang served as the Project Manager for this study to develop and evaluate the potential for improving David Drive as a multi-modal complete streets corridor. Two alternative concepts were developed to increase safety for all modes of transportation including bike/pedestrian and opportunities for sidewalk and landscaping enhancements. DE also examined the

potential use of adjacent power line right-of-way which is located behind businesses on the west side of the corridor for a new local collection street with potential for parking, transit, and bike/pedestrian facilities.

Stage 0 Neighborhood Planning for Canal Street Corridor, Jefferson Parish, LA

Mr. Liang served as Project Manager overseeing conceptual design, traffic engineering services, and traffic/turning count analysis for this corridor study. Scope of work involved review of traffic patterns in the area and identification of traffic calming improvements that can be developed and implemented to enhance the overall sustainability of adjacent neighborhoods. Three comprehensive conceptual design alternatives were developed for the Corridor including plan layouts, typical sections, visual renderings, traffic control and calming features, and bicycle/pedestrian improvements.

Traffic Signals at Chateau Blvd & West Esplanade Ave and Roosevelt Blvd & West Metairie Ave, Kenner, LA

DE was selected by the City of Kenner for the design of new traffic signals at two intersections: Chateau Boulevard at West Esplanade Avenue and Roosevelt Boulevard at West Metairie Avenue. Mr. Liang served as Project Manager and utilized Syncro or Vistro traffic signal design software.


LADOTD SP No. 444-000-5891: Safe Routes to School/ Local Road Safety Program, Louisiana Statewide

Mr. Liang served as the Project Manager for this retainer contract to provide design (preliminary and final plans and specifications), cost estimates, traffic engineering studies, construction engineering, inspection, testing, and traffic engineering for selected locations statewide for improvements including traffic studies, signage, striping, sidewalks, and bicycle routes.


LADOTD Contract No. 4400003368: Retainer Contract for Statewide Traffic Counts, Districts 03, 07 and 08

Mr. Liang served as Project Manager for the performance of traffic and transportation analyses at proposed sites throughout the State of Louisiana for a 3 year period. Types of counts to be provided include: 7 day, 24-Hour Counts (non-interstate); 7-day, 24-Hour Counts (interstate) (4 or 6 lanes); 24-Hour Traffic Counts; 48-Hour Traffic Counts; Turning Movement Counts (Peak Hour Counts); Turning Movement Counts (Non-Peak Hour Counts); 15 Minute Counts with Demand Volumes Included (Peak/Non-Peak Hour Counts); Speed Studies; Warrant Analysis.


TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Kurt Evans, P.E. FITE, FACEC, CEO & Principal	
Project Assignment:	
Principal	
Name of Firm with which associated:	
	
Years' experience with this Firm:	
30	
Education: Degree(s)/Year/Specialization:	
BS/1979/Civil Engineering	
Active registration: Year first registered/discipline:	
1983/Civil	
Other experience and qualifications relevant to the proposed Project:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Mr. Evans has over 45 years of experience in civil engineering, planning, design, and project/construction management services for transportation projects. He has worked closely with the Jefferson Parish Road & Bridge and Engineering & Traffic Departments, and LADOTD Traffic Engineering on State Routes in coordinating combined work effort with the City, Parish, and State officials. His experience includes the following:</p> <p>Congestion Management: Traffic Circulation, Parking, and Safety Study for Downtown Covington, Covington, LA Mr. Evans served as Project Principal for a comprehensive traffic circulation, parking, and safety study of the historic downtown area that involves collecting/analyzing traffic, crash, pedestrian, and bicycle related data to recommend new or improved policies to enhance traffic circulation, parking, signage/signals, and safety for all transportation modes.</p> <p>Transcontinental Corridor Intersection Improvements, Jefferson Parish, LA Mr. Evans served as Principal for this feasibility study for proposed intersection improvements including hydraulic analysis for box culvert installations, as well as traffic counts and analysis for addition of dedicated left and right turn lanes. The project also involved a VISSIM traffic simulation model to depict existing and proposed conditions. DE performed all feasibility phase services</p> </div> <div style="width: 48%;"> <p>including traffic counts, layouts, VISSIM model, and cost estimating.</p> <p>Huey P. Long Bridge Improvements, Jefferson Parish, LA Mr. Evans served as Principal for DE's involvement on the widening of the existing Huey P. Long Bridge crossing and reconstruction of roadway approaches and major interchanges on both banks of the river. During development of the roadway alignment, DE evaluated traffic impacts to local infrastructure and traffic operations including compilation of VISSIM traffic model to simulate future traffic conditions with the proposed improvements in place.</p> <p>Traffic Engineering, City of Kenner, LA Mr. Evans served as a traffic engineer consultant for the City of Kenner from 1994 to 2004. Over that period he evaluated traffic counts, observed traffic operations, and performed warrant analysis for signalized intersection improvements. He also reviewed driveway access permits, performed and reviewed traffic projection impacts for new commercial and private developments, and made recommendations based upon the MUTCD standards for traffic improvements.</p> </div> </div>	


TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
David LeBreton, Jr., P.E., PTOE, PTP, RSP ₁ , Vice President	
Project Assignment:	
QA/QC Manager	
Name of Firm with which associated:	
	
Years' experience with this Firm:	
17	
Education: Degree(s)/Year/Specialization:	
BS/2007/Civil Engineering	
Active registration: Year first registered/discipline:	
2012/Civil 2012/Professional Traffic Operations Engineer 2019/Professional Transportation Planner 2019/Road Safety Professional Level 1	
Other experience and qualifications relevant to the proposed Project:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Mr. LeBreton has over 17 years of professional engineering experience involving traffic studies, traffic operations, roadway and drainage design, and construction phase services. His experience includes:</p> <p>W. 8th Ave Safety Improvements, Covington, LA Project Manager responsible for the design of safety features at the intersection of W. 8th Ave and S. Harrison St. This project is a result of the previously completed W. 8th Avenue Traffic Study that was completed by Digital Engineering. The project scope involved widening the existing asphalt roadway and placing a raised concrete median for pedestrian refuge when utilizing the existing crosswalk. Rectangular Rapid Flashing Beacons were also placed to assist in pedestrian awareness for vehicles. Additional crosswalk and roadway striping and advanced warning signage were also placed as part of the project. Mr. LeBreton also served as the construction engineer during construction of the project.</p> <p>Tolmas Tract Development: Site Traffic Impact Analysis, Park Investments/Morning Park LLC, Jefferson Parish, LA Project Manager responsible for a traffic impact analysis for a proposed 45,000 square foot commercial development in the Tolmas Tract Area in Metairie, LA. The analysis evaluated existing traffic conditions in key locations in the adjacent roadway network, traffic generated from the proposed development,</p> </div> <div style="width: 48%;"> <p>and determinations of any effects the proposed development may have. Impacts were gauged by determining pre- and post-level of service at the key roadway network/intersection locations.</p> <p>2561 Metairie Road Development: Site Traffic Impact Analysis, Richmond Development, Jefferson Parish, LA Project Manager responsible for a traffic impact analysis for two buildings for a proposed 12,000 square foot commercial development along Metairie Road in Metairie, LA. The analysis evaluated existing traffic conditions in key locations in the adjacent roadway network, traffic generated from the proposed development, and determinations of any effects the proposed development may have. Impacts were gauged by determining pre- and post-level of service at the key roadway network/intersection locations.</p> <p>LADOTD H.11463: Chateau Boulevard & West Esplanade Avenue and Roosevelt Boulevard & West Metairie Avenue, Kenner, LA Project Engineer responsible for the design of new traffic signals at these two intersections. This project was administered through LADOTD's Road Design Section - Urban Systems Program. All design and plan preparation were in accordance with LADOTD requirements.</p> </div> </div>	


TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Alan Krouse, P.E., Sr. Project Manager	
Project Assignment:	
Transportation Planning	
Name of Firm with which associated:	
 digital engineering	
Years' experience with this Firm:	
4	
Education: Degree(s)/Year/Specialization:	
BS/1977/Civil Engineering	
Active registration: Year first registered/discipline:	
1981/Civil	
Other experience and qualifications relevant to the proposed Project:	
<p>Mr. Krouse is a Sr. Project Manager responsible for management of complex projects. His 47 years of experience spans a career working for both the public sector and private consulting companies, managing and designing rural and urban roadway projects totaling over \$170M. Alan currently serves on the Louisiana Complete Streets Advisory Council. His experience includes:</p> <p>H.013090: Gretna Downtown Intersection, LADOTD Gretna, LA Quality Assurance Manager conducting design plan reviews for this pedestrian enhancement, sidewalks, signing and pavement marking project involving the replacement of existing sidewalk with new sidewalks and ADA compliant handicapped curbed ramp, along with bulb outs at some the intersections to improve parking and decrease pedestrian walking lengths. This SRTP project also includes the reconstruction of traffic signal systems at two intersections, as well as the removal of span wire signals and replacement with mast arms. A pedestrian traffic study was conducted to investigate the marked crosswalks warrants needed to stripe the crossings of a state route and a pedestrian signal and audible push buttons are also proposed.</p>	<p><i>Past Experience Not Performed at DE</i> LA 3132 Inner Loop Extension Stage 0 Feasibility Study and Environmental Inventory, LADOTD, Shreveport, LA Project Engineer/Manager responsible for reviewing line and grade, alignments, and environmental impacts and coordinating correspondence with client and user agencies for new alignment of LA 3132 that evaluated four alternatives to connect southern terminus of LA 3132 with LA 1 and future I-69 corridor. Work included environmental inventory, traffic studies, line and grade, typical sections, and cost estimates.</p> <p>Harrison Avenue Improvements Design, St. Tammany Parish, Covington, LA Project Engineer/Manager for this project that included sidewalk, signing and pavement marking, and road safety improvements. Responsible for contract and fee negotiations and checking all aspects of the feasibility study including development of two alternates, traffic impact study, environmental documentation and cost estimates. Alan provided QA/QC of subsequent design of selected concept consisting of the reconstruction of a 2.48-mile, two-lane roadway with raised median, sidewalks, and subsurface drainage for a heavily traveled substandard roadway.</p>


TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Stephanie Turner, P.E., PMP, Senior Project Engineer	
Project Assignment:	
Traffic Engineering	
Name of Firm with which associated:	
	
Years' experience with this Firm:	
2	
Education: Degree(s)/Year/Specialization:	
BS/2010/Civil Engineering	
Active registration: Year first registered/discipline:	
2015/Civil, 2023/PMP	
Other experience and qualifications relevant to the proposed Project:	
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>Mrs. Turner is a Senior Project Engineer with 13 years of experience in roadway design, pavement preservation, and modeling for LADOTD and Louisiana Municipal Agencies. Her career began in the Road Design Section at LADOTD Headquarters, where she spent three years before transitioning to the private sector. Her experience is fortified by her knowledge of resources such as the LADOTD Road Design Manual, LADOTD Minimum Design Guidelines, LADOTD Traffic Engineering Manual, MUTCD, Louisiana Standard Specifications for Roads and Bridges, AASHTO Green Book, AASHTO Roadside Design Guide, as well as LADOTD Standard Plans and Special Details.</p><p>LA 1077 Corridor Traffic Analysis, St. Tammany, LA Project Manager responsible for facilitating project team communication, coordination, and collaboration. She also led the team in CRASH Analysis and Geometric Field Review.</p><p>LADOTD New Orleans Pedestrian Safety Improvements, New Orleans, LA Project Manager responsible for the schedule, budget, and delivery of a quality set of plans for this LADOTD Safety project. During scoping, Stephanie coordinated and collaborated with the DE team, subconsultants,</p></div><div style="width: 48%;"><p>stakeholders, and client to come up with an incremental delivery schedule to identify any design concerns early in the process so that the increments following the one where the concern was identified would not have to also be redesigned for the same reasons. She also coordinated with the surveyor during the initial set up.</p><p>Lincoln Beach Redevelopment Site Assessment - Traffic Study, New Orleans, LA Project Engineer responsible for retrieving and reviewing traffic counts from subconsultant and performed a traffic study for a location with planned development. Stephanie was tasked with determining if a crosswalk was warranted at a mid-block crossing. She recommended proper safety countermeasures based on the FHWA guidance on Proven Safety Countermeasures. She used Highway Capacity Manual/ Highway Capacity Software to determine Existing Level of Service and Design Level of Service with multiple countermeasures. Based on the information found in the study, she recommended installation of a HAWK. The City of New Orleans mentioned the possibility of a road diet along Haynes Blvd. soon, so the study also considered a standard road diet configuration to see how the HAWK would affect that layout.</p></div></div>	


TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Taylor Marino, P.E., PTOE, RSP ₁ , Project Engineer	
Project Assignment:	
Transportation Planning and Traffic Engineering	
Name of Firm with which associated:	
 digital engineering	
Years' experience with this Firm:	
8	
Education: Degree(s)/Year/Specialization:	
BS/2015/Civil Engineering	
Active registration: Year first registered/discipline:	
2020/Civil, 2021/Professional Traffic Operations Engineer, 2022/Road Safety Professional Level 1	
Other experience and qualifications relevant to the proposed Project:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Prior to joining DE as a full-time professional, Mr. Marino interned with the firm since 2013. His experience includes the following:</p> <p>Cousins Boulevard Extension (Woodmere Drive to Lapalco Boulevard), Jefferson Parish, LA Project Engineer responsible for all design elements (geometric, drainage, signage, and striping) associated with this project. He was also responsible for the geometric and traffic design of the new traffic signals at the Lapalco Blvd. and Woodmere Blvd. intersections.</p> <p>Airline Drive at Clearview Parkway Intersection Improvements, Jefferson Parish, LA Project Engineer for the project plan development and traffic signal plan on Airline Drive at Clearview Pkwy. The improvements included increasing the westbound lanes to include triple left turn lanes let run and increasing the easbound lanes to include a double right turn lane. Additionally, the work included new subsurface drainage systems, existing utility relocations, a concrete median, signage, and new traffic signal system along Airline Drive at the intersections of Clearview Pkwy and Central Ave.</p> <p>David Drive Corridor Improvements, Jefferson Parish, LA</p> </div> <div style="width: 48%;"> <p>Project Engineer responsible for project design and traffic signal design for full reconstruction of the existing David Drive corridor between Veterans Blvd. and W. Napoleon Ave.</p> <p>LADOTD H.009308: New Orleans DPW SRTS Sidewalks, New Orleans, LA Project Engineer responsible for assisting with the feasibility report, design, cost estimation, and scheduling for development of a feasibility study and engineering plans and non-standard specifications for the installation of 5' concrete sidewalks, 10' wide multi-use paths, road diet bike lanes, HAWK Pedestrian Hybrid Beacon, solar powered school zone flashing beacon, ADA compliant curb ramps and pedestrian crosswalks, and pedestrian countdown signal heads with accessible pedestrian pushbuttons.</p> <p>LADOTD H.006524: Safe Routes to School Program, Gretna Sidewalks and Safety Improvements, Gretna, LA Project Engineer for project design, cost estimation, and CE&I for this contract involving the addition of ADA compliant sidewalk at various sites within the Gretna City limits to provide safe access for pedestrians to school.</p> </div> </div>	


TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Michael Flynn, P.E., Project Engineer	
Project Assignment:	
Transportation Planning and Traffic Engineering	
Name of Firm with which associated:	
 digital engineering	
Years' experience with this Firm:	
6	
Education: Degree(s)/Year/Specialization:	
BS/2016/Civil Engineering	
Active registration: Year first registered/discipline:	
2020/Civil	
Other experience and qualifications relevance to the proposed Project:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Mr. Flynn serves as a Project Engineer for transportation projects that help to maintain/improve infrastructure in the New Orleans area. Prior to joining DE, he served as an Engineer Intern at LADOTD where he performed inspections, completed field tests, managed scheduling, and developed price estimates and quantities for transportation projects. His experience includes:</p> <p>David Drive Corridor Improvements (Veterans Blvd. to W. Napoleon Ave.), NORPC + Jefferson Parish, LA Project Engineer responsible for assistance on project takeoffs, quantities, design and specifications for this full reconstruction of the David Dr. Corridor between Veterans Blvd. and W. Napoleon Ave. Additionally, he assisted in designing three (3) new traffic signal systems.</p> <p>LA 39: W. Judge Perez Drive Vehicular Pedestrian, St. Bernard, LA Project Engineer who was part of the consultant team to develop preliminary layout and feasibility of pedestrian facilities along the LA 39 corridor as well as a final report with recommended designs, costs, and regulatory needs to construct the project. Additional responsibilities included the coordination of multiple project management committee meetings, and the collection of local pedestrian data along the LA 39 corridor.</p> </div> <div style="width: 48%;"> <p>Land Use & Transportation Goodbee/West St. Tammany LA 1077 Corridor, NORPC, LA Project Engineer who worked as part of the consultant team to develop preliminary layout of an expanded 1077 corridor, as well as develop a final report analysis of the feasibility and effectiveness of the proposed design. Additional responsibilities were the coordination and management of multiple public meetings, project management committee meetings, and local stakeholder meetings.</p> <p>Carol Sue Right Turn Lane at Behrman Highway, Covington, LA Project Engineer responsible for providing design and traffic engineering services. Project scope entails the modification of an existing LDOTD controlled traffic signal system which requires the submission of a traffic signal modification permit to LDOTD.</p> <p>New Orleans Safe Routes to School Sidewalk Project, New Orleans, LA Project Engineer responsible for implementing safety improvements for students who walk and bike to five different schools in the New Orleans area.</p> </div> </div>	


TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Rachel Douglass, P.E., Project Engineer	
Project Assignment:	
Traffic Engineering	
Name of Firm with which associated:	
	
Years' experience with this Firm:	
<1	
Education: Degree(s)/Year/Specialization:	
BS/2018/Civil Engineering	
Active registration: Year first registered/discipline:	
2023/Civil	
Other experience and qualifications relevant to the proposed Project:	
<p>Rachel serves as a Project Engineer in DE's Kenner office for transportation projects that help to maintain or improve infrastructure in the Greater New Orleans area. With over 4 years of experience, Rachel's project portfolio includes the following:</p> <p>LA 1077 Corridor Traffic Analysis, St. Tammany, LA Project Engineer responsible for conducting a detailed Geometric Field Review. This task required a thorough examination of LA 1077s existing road layout and features to assess and identify necessary modifications for enhanced traffic flow and safety. She also spearheaded the Crash History Analysis, where she meticulously reviewed and synthesized accident reports to understand prevailing safety issues and trends. This crucial analysis was instrumental in developing informed, data-driven strategies for future traffic management and safety improvements. Currently, the project is in its preliminary phase, with further progress contingent on the acquisition of additional critical data.</p> <p>LA 39: W. Judge Perez Drive Vehicular Pedestrian, New Orleans Regional Planning Commission, St. Bernard, LA Project Engineer responsible for assisting in horizontal and vertical geometry design along with ADA</p>	<p>pedestrian accessibility.</p> <p>Bainbridge Canal Closure and Roadway Improvements, Jefferson Parish and the City of Kenner, LA Project Engineer responsible for designing a signing plan according to the Manual of Uniform Traffic Control Devices (MUTCD) as well as incorporating comments from the City of Kenner into our design.</p> <p><i>Past Experience Not Performed at DE</i> Shepard Drive and Durham Drive, City of Houston, Houston, TX Project Engineer responsible for designing the vertical profile of both roadways and grading of ten intersections. Additionally, she designed the signing and pavement marking layouts which included adding crosswalks and ADA compliant ramps for the bicycle path and sidewalk at all intersections. The scope included converting two 4-lane one-way roadways into 3-lane roadways with a paved bike path and sidewalk. The project spanned just over a mile in each direction and included paving and drainage improvements. Rachel was</p>


TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Neal Belmonte, PMP, Technician	
Project Assignment:	
Field Technician/Traffic Counting	
Name of Firm with which associated:	
 digital engineering	
Years' experience with this Firm:	
15	
Education: Degree(s)/Year/Specialization:	
BS/2007/Health & Kinesiology	
Active registration: Year first registered/discipline:	
2023/PMP	
Other experience and qualifications relevant to the proposed Project:	
<p>Mr. Belmonte has over 15 years of experience as a field technician. Since joining DE, he has managed multiple job sites with up to six work crews at a time. He has also performed a variety of technical field operations including GPS and traffic/turning counts. His experience includes:</p> <p>Airline Drive at Clearview Parkway Intersection Improvements, New Orleans Regional Planning Commission + Jefferson Parish, LA Lead Designer responsible for providing technical assistance in the geometric design, signage and striping plans, and roadway grades on this project. Mr. Belmonte used Civil 3D as a tool for establishing the new highway alignment including new triple left turn lanes, an additional lane between Clearview and Central, gutter bottom profiles, median locations, and typical sections for this new section of highway, all while conforming to LADOTD standards.</p> <p>Stage 0 Neighborhood Planning for Canal Street Corridor, New Orleans Regional Planning Commission, Jefferson Parish, LA Field Technician responsible for assisting with all traffic counts and turning counts that were taken at several locations and intersections along the corridor.</p>	<p>Clarence Henry Truckway Pavement Assessment, Port of New Orleans, New Orleans, LA Field Technician responsible for conducting 7-day, 24-hour vehicular classification count to determine the volume and type of vehicles utilizing the roadway.</p> <p>Stage 0 Feasibility, Access Management David Drive (Veterans Blvd to Airline Dr), Regional Planning Commission, Jefferson Parish, LA Field Technician responsible for conducting 7-day, 24-hour vehicle classification counts as part of this feasibility study to improve David Drive as a multi-model complete streets corridor.</p> <p>Tolmas Tract, Jefferson Parish, LA Field Technician responsible for conducting 7 each, 7-day, 24-hour vehicle classification counts along Veterans Blvd. to determine current traffic patterns and how they would impact future development.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Michael Cochran, Senior Technician	
Project Assignment:	
CAD and GIS Technician	
Name of Firm with which associated:	
 digital engineering	
Years' experience with this Firm:	
7	
Education: Degree(s)/Year/Specialization:	
AA/2003/Drafting and Design Technology	
Active registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevance to the proposed Project:	
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>Mr. Cochran has over 15 years of experience in preparing plans and specifications. He is skilled in AutoCAD, AutoCAD Civil 3D, Architectural Desktop (AutoCAD), Revit Structural (3D Modeling), and ArcGIS. His experience includes the following:</p><p>Cousins Boulevard Extension, Jefferson Parish, LA CAD Technician for a new roadway that will also include the installation of a slab span bridge. To expedite construction, this bridge will utilize a pre-cast concrete bridge of either 20' or 25' spans along with pre-cast concrete piles and pile caps. The work associated with the bridge installation also includes the design of the concrete approach slabs, removal and replacement of concrete slope paving, and the design of the necessary guardrails for safety.</p><p>Airline Drive at Clearview Parkway Intersection Improvements New Orleans Regional Planning Commission + Jefferson Parish, LA CAD Technician responsible for drafting all plan sheets including the design, plan and profile, traffic signage, phases of construction and all detailing. This project involves increasing westbound lanes to include a triple left turn and increasing the eastbound lanes for a double right turn lane.</p></div><div style="width: 48%;"><p>Southbound Westwood Drive Rehabilitation (Westbank Expressway to Lapalco Boulevard), Jefferson Parish, LA Design Support for the design layout and plan coordination for the reconstruction of the southbound lanes of Westwood Drive. The project includes the removal and replacement of existing PCCP roadway, installation of additional subsurface drainage and modification of existing subsurface drainage, as well as installation of new sidewalks, handicapped ramps and driveways as needed.</p><p>David Drive Corridor Improvements, Jefferson Parish, LA Design Support responsible for preparation of construction plans for full reconstruction of the existing David Dr. corridor between Veterans Boulevard and West Napoleon Avenue. This reconstruction will utilize the existing right of way and incorporate a landscaped median, two travel lanes (per direction), and six foot sidewalks.</p></div></div>	

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Donnie Wittke, Technician	
Project Assignment:	
CAD and ArcGis Technician	
Name of Firm with which associated:	
 digital engineering	
Years' experience with this Firm:	
9	
Education: Degree(s)/Year/Specialization:	
AA/2002/Drafting and Design Technology FAA Remote Pilot Certification/Small Unmanned Aircraft System	
Active registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevance to the proposed Project:	
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>Donnie has 13 years of experience in CAD design and ArcGIS. He is also FAA certified to fly drones and will take video footage. His experience includes:</p><p>Cousins Boulevard Extension, Jefferson Parish, LA Design Support Technician for a new roadway that will also include the installation of a slab span bridge. To expedite construction, this bridge will utilize a pre-cast concrete bridge of either 20' or 25' spans along with pre-cast concrete piles and pile caps. The work associated with the bridge installation also includes the design of the concrete approach slabs, removal and replacement of concrete slope paving, and the design of the necessary guardrails for safety.</p><p>Airline Drive at Clearview Parkway Intersection Improvements New Orleans Regional Planning Commission + Jefferson Parish, LA Design Support Technician responsible for CAD concept development for alternatives on Airline over Clearview Pkwy. including horizontal and vertical geometry for the grade-separated structure and any upstream or downstream intersections, refining the required right-of-way for the Airline Overpass Alternative, and preparing the conceptual construction sequencing plan for the alternative.</p></div><div style="width: 48%;"><p>David Drive Shared Use Path and Vehicular Service Road, Jefferson Parish, LA Design Support Technician responsible for preparing plans and specifications for a Transportation Alternatives Program (TAP) Project in JP along the Soniat Canal between W. Napoleon Ave. and Veterans Blvd. that supports and further enhances the implementation of the comprehensive and shared community-wide vision for the revitalization of the David Dr. Corridor for the residents of JP. DE assisted in the development of this TAP Application and submittal to LADOTD for approval in order to move to the design phase.</p><p>LA 39: W. Judge Perez Drive Vehicular, Pedestrian, and Bicycle Safety Enhancements Stage 0 Feasibility Study Design Support Technician for CAD and GIS for investigation of the feasibility of pedestrian safety and traffic enhancements along the LA 39 corridor. Enhancements included sidewalks, multi use paths, pedestrian signals, and transit stop upgrades. ArcGIS was utilized to capture the corridor elements into RPC's data program. The ultimate study phased the proposed enhancements into 3 separate phases for funding.</p></div></div>	

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>Design of Safety Projects Statewide <i>LADOTD Districts 2, 61, 62, 3, 7, 8 Statewide, LA</i></p> <p><u>Owner</u> Louisiana Department of Transportation & Development PO Box 94245 Baton Rouge, LA 70804 Laura Riggs, P.E. laura.riggs@la.gov 225.379.1143</p>	<p>Since 2008, DE has supported LADOTD through seven (7) distinct IDIQ safety retainer contracts, providing services for feasibility studies, planning, engineering design, and construction phase services. Our role as LADOTD's consulting engineer spans over 65 safety projects, encompassing the Safe Routes to School, Local Road Safety, and the current Safe Routes to Public Places programs. Under these IDIQ contracts, we execute various services, such as traffic engineering studies, project feasibility reports, site investigations, surveying services, and the preparation of preliminary and final plans for pedestrian enhancement, sidewalk, signing and marking, and road safety improvement projects.</p>	
	<p>Our expertise extends to diverse areas, including bicycle/pedestrian planning and design, covering aspects like bike lanes, pedestrian crossings, ADA standards, sidewalk improvements, traffic calming, access management, striping and signing improvements, curve safety analysis, signalization improvements (including pedestrian signal heads), and traffic studies. Within the framework of these contracts, we actively engage with crash data programs, local citations, speed radar data, and traffic counts. Field observations play a crucial role in our approach, enabling us to identify and implement effective countermeasures for the identified issues.</p>	
	<p>Moreover, this program facilitates close collaboration with Local Public Agencies, serving as an extension of their staff to coordinate projects seamlessly with LADOTD and the decision-makers of the local entities. An inherent challenge of the program involves navigating the requirements to collaborate with numerous municipalities, gathering their input and aligning with their expectations while adhering to LADOTD design standards. This unique challenge underscores our commitment to delivering solutions that not only meet but exceed the collective expectations of all stakeholders involved.</p>	
<p>RELEVANCE</p> <ul style="list-style-type: none"> Statewide Traffic Engineering Services Contract Perform Multiple Task Orders Simultaneously Traffic Studies, Design, Signalization, Roadway Signage and Striping Curve Safety Analysis 	<p>KEY PERSONNEL:</p> <p>Frank Liang, P.E., PTOE David LeBreton, P.E., PTOE, PTP, RSP₁ Stephanie Turner, P.E, PMP Taylor Marino, P.E., PTOE, RSP₁ Michael Flynn, P.E. Rachel Douglass, P.E. Mickey Cochran Donnie Wittke</p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2028 (E)	N/A	\$2,900,000

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>David Drive Corridor Improvements (Veterans Blvd. to W. Napoleon Ave.) NORPC + Jefferson Parish, LA</p> <p><u>Owner</u> New Orleans Regional Planning Commission Jeffrey W. Roesel, AICP, Executive Director jroesel@norpc.org 504.483.8528</p> <p>Jefferson Parish Department of Engineering Angela DeSoto, P.E. adesoto@jeffparish.net 504.736.6500</p>	<p>DE led a team of firms to evaluate the David Dr. corridor for efficiency and safety with the potential for also improving as a multi-modal complete streets' corridor. In 2013, DE began the Stage 0 Feasibility and Access Management Study funded by the New Orleans Regional Planning Commission (RPC) where an emphasis was placed on efficiency, increasing safety for all modes of transportation, and aesthetic enhancements. DE also examined the potential use of the adjacent power line right-of-way which is located behind businesses on the west side of the corridor for a new local collector street with potential for parking, transit, and bike/ped facilities.</p> <p>Working with Jefferson Parish (JP) and RPC, the study area boundary was finalized for both the utility survey and an updated land use survey. In coordination with JP Planning, land use data by parcel was updated following the JP Land Based Classification System in GIS format for the David Dr. corridor. The land use and zoning information was used to estimate future traffic projections in the corridor. DE coordinated with the RPC and JP evaluating the relationship between traffic and various zoning scenarios. DE also identified opportunities for improved modal access to adjacent land uses, including sidewalks, enhanced bicycle and pedestrian accommodations, transit, and centralized parking.</p> <p>Two alternative development concepts were developed and evaluated in addition to the no build option. The chosen alternative included providing a 12-foot median with the existing David Dr. pavement corridor and widening the roadway to accommodate. Additionally, the power line right of way will be utilized for a new concrete bike path.</p>	
<p>KEY PERSONNEL: Frank Liang, P.E., PTOE David LeBreton, P.E., PTOE, PTP, RSP₁ Taylor Marino, P.E., PTOE, RSP₁ Michael Flynn, P.E. Neal Belmonte, PMP Mickey Cochran Donnie Wittke</p>		
<p>Upon completion of this study, DE was selected by JP to provide design services for the improvements from Veterans Blvd. to W. Napoleon Ave. DE provided preliminary and final design phase services for the construction of roadway improvements along David Dr. between Veterans Blvd. and W. Napoleon Ave. The major scope of the improvements includes the widening of David Dr. to provide a 12 foot wide raised median, installation of subsurface drainage improvements, ornamental street lighting, replacement of existing utilities and services, and installation of landscaping along the median.</p> <p>DE provided modifications to the existing traffic signal systems at David/Trenton, David/York, and David/W. Napoleon with new signal timings and coordination of new APS push buttons for the crosswalks. The project will have three dedicated U-turn turnaround areas for vehicles to utilize within the project limits. These U-turns required the acquisition of right-of-way to accommodate the proper turning radio. Geometric realignment was also necessary on the northern side of David Dr. at the Veterans Blvd. tie-in. The intersection of W. Napoleon Ave. and David Dr. will also be milled and overlaid as part of this project. The design was in accordance with all JP requirements and standards. DE provided assistance during bidding and construction phases of this project.</p>		
<div>RELEVANCE<ul style="list-style-type: none">Corridor Traffic StudyStage 0 FeasibilityDesign ServicesEnvironmental DevelopmentMappingGeometric Field ReviewNo Build Analysis</div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022 (A)	\$9,600,000	\$565,835

RELEVANCE

- Corridor Traffic Study
- Stage 0 Feasibility
- Design Services
- Environmental Development
- Mapping
- Geometric Field Review
- No Build Analysis

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>Cousins Boulevard Extension (Woodmere Drive to Lapalco Boulevard) Jefferson Parish, LA</p> <p><u>Owner</u> Jefferson Parish Department of Engineering 1221 Elmwood Park Blvd., Ste. 802 Jefferson, LA 70123 Angela DeSoto, P.E., Director adesoto@jeffparish.net 504.736.6511</p>	<p>DE, along with sub-consultants Meyer Engineers Ltd. and Pivotal Engineering, was selected by Jefferson Parish to provide engineering design and construction engineering services for a new roadway to extend Cousins Boulevard from Woodmere Boulevard to Lapalco Boulevard along the banks of the Cousins Canal. DE coordinated with our surveying sub-consultant to review the existing right-of-way and servitude information in determining the currently proposed alignment and lane configuration of the new roadway. In addition, property takings will possibly be needed at the intersections to allow for semi-tractor turning movements at each end of the project.</p> <p>The current proposed alignment for this project is a single lane roadway (westbound and eastbound) to be installed along the north and south side of the Cousins Canal respectively. For the westbound roadway, an 80 foot slab span bridge will be required for the crossing at California Canal. To reduce construction cost and property takings, approximately 300 Linear Feet of steel sheet pile will be installed so the westbound roadway can be installed immediately adjacent the existing flume channel between the California Canal and Woodmere Boulevard. The existing drainage crossing (Con-Span) will be extended approximately 130 feet to facilitate the roadway tie-in at the Woodmere Boulevard intersection. Modifications along Lapalco Boulevard is also proposed to provide access to westbound Cousins Boulevard from southbound Lapalco Boulevard. Direct access from northbound Cousins Boulevard to westbound Lapalco Boulevard will not be provided so the U-turns on Lapalco Boulevard must be removed or relocated in addition to providing a direct access to Barkley Estates subdivision.</p>	
 <p>RELEVANCE</p> <ul style="list-style-type: none"> • Jefferson Parish Roadway Project • Traffic Signal System Design • Roadway Signage and Striping 	<p>KEY PERSONNEL: Frank Liang, P.E., PTOE David LeBreton, P.E., PTOE, PTP, RSP₁ Taylor Marino, P.E., PTOE, RSP₁ Michael Flynn, P.E. Mickey Cochran Donnie Wittke</p> <p>For this project, DE will also provide traffic engineering services for the design of the new traffic signals at the Lapalco Boulevard and Woodmere Boulevard intersections. In addition, DE will develop the required permanent roadway striping plan and any necessary temporary traffic control signage and detour plans.</p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2026 (E)	\$5,500,000	\$268,926

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>Airline Drive at Clearview Parkway Intersection Improvements Jefferson Parish, LA</p> <p><u>Owner</u> Jefferson Parish Dept of Public Works 1221 Elmwood Park Blvd, Ste 904 Jefferson, LA 70123 Mark Drewes, P.E., Director mdrewes@jeffparish.net 504.736.6783</p>	<p>DE was selected by the Jefferson Parish Council for design of intersection improvements at Clearview Parkway and Airline Drive. The scope of work included providing a wider median on Airline Drive at the intersection with Clearview Parkway to accommodate a triple left turn lane from westbound Airline Drive to southbound Clearview Parkway. The design was in accordance with the preferred alternative detailed in the April 2015 Environmental Assessment for the intersection and must meet all LADOTD standard design criteria. The scope further included; relocation and replacement of a 20 inch transite waterline currently located along the south side of eastbound Airline Drive; adjusting other public facilities (water, sewer, drainage, sidewalks, drives, etc.) as necessary. For this project DE provided traffic engineering services thru the development of a truck access study for businesses along the southeast corner of the intersection. Also DE designed a new mast arm mounted traffic signal system (including pedestrian signal heads) at both the Clearview and Central Avenue intersections and developed the permanent signage and striping plans.</p> <p>The project was bid by LADOTD who will also provide construction administration and inspection for the project. DE assisted Jefferson Parish during the bid phase by attending the Pre-Bid Conference and addressing RFI's.</p>	
		
<p>RELEVANCE</p> <ul style="list-style-type: none"> Jefferson Parish Roadway Project Traffic Access Study Traffic Signal System Design Roadway Signage and Striping <p>KEY PERSONNEL: Frank Liang, P.E., PTOE David LeBreton, Jr., P.E., PTOE, PTP, RSP₁ Taylor Marino, P.E., PTOE, RSP₁ Neal Belmonte, PMP Mickey Cochran Donnie Wittke</p>	<p>For the new traffic signal system, DE coordinated with Jefferson Parish Department of Engineering on the design of the foundation and LADOTD on providing interconnect with other signals along the corridor. For this project a total of four (4) Traffic Signal Inventory (TSI) plans were developed, one for the permanent installation and three for the temporary signals required for the separate phases of construction.</p> <p>During construction, DE also assisted in responding to the construction contractor's RFI and also assisted LADOTD on reviewing and making necessary geometric changes.</p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 (A)	\$4,237,750	\$295,890

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>Land Use & Transportation Goodbee/ West St. Tammany LA 1077 Corridor St. Tammany, LA</p> <p><u>Owner</u> New Orleans Regional Planning Commission 10 Veterans Blvd., New Orleans, LA 70124 Jeffrey W. Roesel, AICP, Executive Director jroesel@norpc.org 504.483.8528</p>	<p>DE is the prime consultant for a land use and transportation study for the area along the LA 1077 corridor in the Goodbee and western St. Tammany Parish areas. The LA 1077 corridor to be reviewed is approximately 3.1 miles between US 190 and I-12 and the purpose of the planning study is to determine the high-level costs feasibility and identify potential environmental concerns of a roadway capacity project improvement.</p> <p>The need for the analysis results from increased traffic resulting from population growth and development in this area of St. Tammany. Scope of the study included the review of existing conditions along the corridor, traffic data collection, traffic analysis and modeling (existing and design year), conceptual plans and typical sections, environmental documentation including the LADOTD Stage 0 Environmental and Budget Checklists, Opinion of Probable Cost, and Final Stage 0 Report Deliverables.</p>	
	<p>Traffic Data Collection included 24-hour ADT counts at 8 locations along the corridor, AM/PM Peak Period Turning Movement Counts at 5 intersections, and corridor crash data analysis.</p> <p>The Traffic Analysis utilized the collected data to model the existing and 2048 roadway network scenarios and develop high level alternatives.</p> <p>DE also lead the coordination efforts with the Project Management Committee, Project Scheduling, and Community Outreach, Stakeholder and Public Meetings.</p>	
<p>RELEVANCE</p> <ul style="list-style-type: none"> • Stage 0 Feasibility Analysis • Traffic Study / Design / Modeling / Analysis • Data Collection • Final Stage 0 Report Deliverables • Meeting Coordination • Project Scheduling 	<p>KEY PERSONNEL:</p> <p>Frank Liang, P.E., PTOE David LeBreton, Jr., P.E., PTOE, PTP, RSP₁ Michael Flynn, P.E. Mickey Cochran Donnie Wittke</p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 (A)	N/A	\$75,000

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.

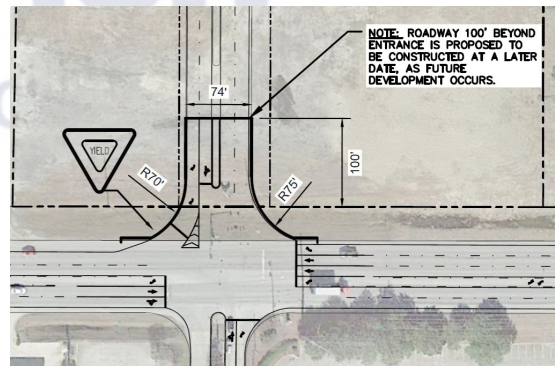
PROJECT NO. 6

Project Name, Location and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>LA 39: W. Judge Perez Drive Vehicular, Pedestrian, and Bicycle Safety Enhancements Stage 0 Feasibility Study <i>St. Bernard Parish, LA</i></p> <p><u>Owner</u> New Orleans Regional Planning Commission 10 Veterans Memorial Blvd. New Orleans, LA 70124 Jeffrey W. Roesel, AICP, Executive Director jroesel@norpc.org 504.483.8528</p>	<p>The purpose of this project is to conduct a feasibility study for improved walking, bicycling, and potential transit stop improvements, as well as potential motor vehicle safety related improvements in the vicinity of Rowley Boulevard to Pakenham Drive on the north and south sides of W. Judge Perez Drive (LA 39) (approx. 1.65 miles). The need for the study is a supplement to an emphasis area identified in the 2017 St. Bernard Parish Bikeway and Pedestrian Plan adopted by St. Bernard Parish Council on June 20, 2017.</p> <p>DE developed a project schedule and timeline that included four project management committee meetings throughout the project duration. Project scope of work included a comprehensive site investigation and data collection effort at study area intersections and potential conflict points along the corridor.</p>	
 <p>KEY PERSONNEL: Frank Liang, P.E., PTOE David LeBreton, Jr., P.E., PTOE, PTP, RSP₁ Michael Flynn, P.E. Donald Wittke</p> <p>RELEVANCE</p> <ul style="list-style-type: none"> Stage 0 Traffic Study 	<p>Non-motorized traffic, screenline counts were taken at Rowley Boulevard, Dr. Meraux Boulevard, and Pakenham Drive along the corridor for three days during the a.m. and p.m. peak hours. Parking lot inventory and capacity counts were collected along the corridor to review efficiency and driveway needs. Information such as Right-of-Way (ROW) maps, Average Daily Traffic (ADT) counts, land uses, and existing network conditions were also collected. Navigating through the tight ROW's along the corridor was a challenge for this project as it has limited concrete walk locations.</p> <p>At the conclusion of this site investigation/data collection effort, DE provided recommendations (alternatives) for review and consideration which include a multi-use path on the north side of the corridor or sidewalks on both sides of the corridor. For this feasibility study, DE also referred to the Parish's GIS system to determine the location of existing utilities to determine the feasibility of proposed recommendations</p> <p>These alternatives were placed on plan sheets with stationing and a legend for review. DE compiled all of this information along with cost estimates and the LADOTD Stage 0 Checklists into a "Draft Report" and ultimately a Final Stage "0" Study for review and approval by the RPC.</p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 (A)	N/A	\$50,000

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>St. Rose Land Development Traffic Signal Permitting and Design St. Charles Parish, LA</p> <p><u>Owner</u> MHI Investments, LLC 10557 Airline Drive St. Rose, LA 70087 Glen Smith, President glen.smith@magnoliaholdingsinc.com 504.737.1600</p>	<p>MHI Investments, LLC is developing a site with the potential of an 18-acre industrial park build out along Airline Highway across from the Riverbend Drive intersection. With St. Rose Land Development requiring access on Airline Highway, a Louisiana Department of Transportation and Development (LADOTD) Traffic Engineering Permit is required for approval.</p> <p>DE prepared the LADOTD Preliminary Access Connection request which coordinates and grants access on a state route from a proposed new development. A survey map of the property and a schematic drawing of the proposed access driveway was submitted with the request.</p>	
<p>DE prepared a LADOTD Permit Request for Intersection Control Devices on State Right of Way. This is required when the proposed new development warrants a modification of or new placement of a traffic signal, intersection flashing beacon, pedestrian signal, etc.</p> <p>As part of this Permit Request, a traffic impact study was prepared to show the need for a modified signal based off of the impact of the new development's projected traffic volumes to and from the facility. This study required collecting 24 hour classification counts, peak hour turning movement counts, speed study, and a conceptual design. Once the data was collected, it had to be modeled through an HCM software and a microsimulation software for a no build and alternative analysis. All of these elements were made part of the report and submitted to LADOTD for review. After review and approval of the traffic impact study, signed and sealed signal construction plans showing the signal phasing, timings, and layout were prepared for review and approval by LADOTD for the proposed signal modification.</p> <p>In the final stages of the permitting phase, DE was given the notice to proceed on the design phase to include as part of the final permit documentation. The design plans included typical sections, details, horizontal and vertical geometry, traffic signal plans, and striping plans for the new access roadway that will be implemented.</p>		
<p>KEY PERSONNEL: David LeBreton, Jr., P.E., PTOE, PTP, RSP₁ Taylor Marino, P.E., PTOE, RSP₁ Mickey Cochran</p>		
<div><p>RELEVANCE</p><ul style="list-style-type: none">Traffic Impact StudyTraffic Signal System Design</div> <div></div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 (A)	TBD	\$17,825



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>St. Tammany Parish Hospital Pedestrian Safety Assessment (PSA) Covington, LA</p> <p><u>Owner</u> St. Tammany Parish Hospital 1202 Tyler Street Covington, LA 70433 Richard Gallaher, CFHM, CHESP rgallaher@stph.org 985.898.4107</p>	<p>The purpose of the PSA was to provide St. Tammany Parish Hospital (STPH) leadership with a better understanding of the on-site needs for pedestrians of all abilities, employees, and visitors alike. STPH is an expanding facility in the City of Covington. A new tower has been announced along with several parking lot additions over the next few years. As STPH continues to grow, the need to safely move vehicles and pedestrians throughout the campus is warranted. Because the primary land use is a hospital, vehicles and pedestrians are continually engaged with one another. Parking facilities are known to promote unsafe pedestrian and motorist behaviors that can lead to conflicts.</p>	
<p>The primary goals of the PSA were to create safe, comfortable, accessible, and welcoming environments for pedestrians. This was accomplished by DE considering the needs of pedestrians, connectivity and convenience of pedestrian facilities, and their relation to traffic volume and circulation. The main objective of the PSA was to address the safety of vehicular movements and pedestrian crossings to promote a high level of safety for all road users.</p>		
<p>Implementation of the enhancements mentioned in this pedestrian assessment is likely to improve pedestrian safety and mobility by:</p> <ul style="list-style-type: none">• Reducing the speed of motor vehicles• Improving sight distance and visibility for motor vehicles and pedestrians• Reducing pedestrian exposure to vehicular traffic• Improving pedestrian access and mobility• Improving pedestrian and motorist safety awareness and behavior. <p>KEY PERSONNEL: Frank Liang, P.E., PTOE David LeBreton, Jr., P.E., PTOE, PTP, RSP₁ Taylor Marino, P.E., PTOE, RSP₁</p>		
<div><p>RELEVANCE</p><ul style="list-style-type: none">• Traffic Safety Assessment</div>		
		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 (A)	N/A	\$10,000



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>Tolmas Tract Traffic Study Metairie, LA</p> <p><u>Owner</u> Perrin and Carter, Inc. 3501 Ridgelake Drive Metairie, LA 70002 Michael Carter, P.E. mcarter@perrincarter.com 504.831.7958</p>	<p>DE provided traffic engineering services to conduct a traffic impact analysis for the proposed Tolmas Tract Development in Metairie. This analysis was performed in accordance with Jefferson Parish Traffic Engineering requirements. The development was for a strip shopping center including a Trader Joe's located at one of Jefferson Parish's busiest intersections. For this study, DE provided the following services:</p> <ul style="list-style-type: none">• Performed a site visit• Reviewed the geometric layout of surrounding intersections• Conducted and compiled 7-day, 24-hour traffic counts at key intersections• Determined the trip generation from the proposed development• Performed a capacity analysis to determine the pre-development and post-development level of service at key intersections• Recommended any geometric improvements at key intersections, if necessary• Compiled a report with exhibits summarizing all of the findings and recommendations. <p>This report was submitted to Jefferson Parish Traffic Engineering for review and was ultimately approved.</p>	
<div><p>RELEVANCE</p><ul style="list-style-type: none">• Transportation Study• Jefferson Parish Project</div> <div><p>KEY PERSONNEL:</p><p>Frank Liang, P.E., PTOE David LeBreton, Jr., P.E., PTOE, PTP, RSP₁ Neal Belmonte, PMP</p></div>		
<div></div> <div></div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2015 (A)	\$7,200 (overall)	\$7,200 (fee)

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.

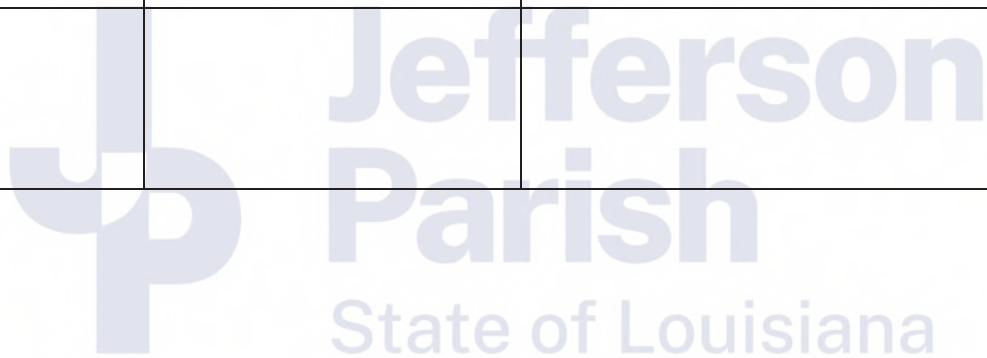
PROJECT NO. 10

Project Name, Location and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Bainbridge Canal Closure and Roadway Improvements <i>Jefferson Parish & City of Kenner, LA</i></p> <p><u>Owner</u> Jefferson Parish Dept of Public Works 1221 Elmwood Park Blvd, Ste 904 Jefferson, LA 70123 Mark Drewes, P.E., Director mdrewes@jeffparish.net 504.736.6783</p> <p>Jose Gonzalez, P.E. Director City of Kenner jgonzalez@kenner.la.us 504.468.7515</p>	<p>Travelers relying on shuttle buses to access the new New Orleans International Airport North Terminal depend on the Bainbridge Avenue corridor. Recognizing the vital role this corridor plays as the gateway to the airport, Jefferson Parish, in collaboration with the City of Kenner, initiated a comprehensive project to enhance its infrastructure. The project involves enclosing the existing drainage canal and implementing substantial improvements to the roadway, sidewalk, driveway, and drainage systems from Veterans to the Airport.</p> <p>As part of the design team, DE is providing design, bidding and construction administration services associated with the roadway, sidewalk, ADA ramps, driveway, and traffic signal improvements. During the design, DE referred to the Parish's and the City of Kenner's GIS databases to gather necessary utility information needed for the design of the improvements. DE also provided traffic engineering services in the design of the modifications to the traffic signal system at Veterans Blvd. DE also evaluated the entire corridor for compliance with the MUTCD when designing the new signage and striping for this roadway. The following design tasks were performed by DE for this project:</p> <ul style="list-style-type: none"> • Roadway Typical Sections • Roadway plan/profile sheets for the Bainbridge Improvements to include sidewalk, driveway, and ADA ramp improvements • Miscellaneous Details • Roadway design and geometrics • Graphical grades and U-turn details • Striping plan • Traffic Signal Plans • Cross sections • Technical specifications • Cost Estimating 	
<p>KEY PERSONNEL: Frank Liang, P.E., PTOE Kurt Evans, P.E., FITE, FACEC Rachel Douglass, P.E. Mickey Cochran</p>	<div> <p>RELEVANCE</p> <ul style="list-style-type: none"> • Jefferson Parish Transportation Project • Traffic Study • MUTCD • Signage • Striping </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024 (E) - Design 2026 (E) - Construction	\$25,400,000	\$3,500,000

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		
2.		
3.		
4.		



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.



WHO WE ARE

Digital Engineering (DE), a full-service engineering firm, has been providing transportation and water resources engineering and planning services throughout southeast Louisiana for over 30 years. Established in 1990, DE is headquartered in Jefferson Parish at 527 West Esplanade Avenue.

With a full-time staff of 52, the DE firm is comprised of:

- Professional Engineers
- Coastal Professionals
- Professional Traffic Operations Engineers
- Roadway Safety Professionals
- Professional Transportation Planner
- Design Technicians/Drafting Specialists
- Construction Managers
- Construction Inspectors
- LADOTD Certified Inspector
- Administrative Support Staff

Bettering our communities along the Gulf Coast is our sole purpose in prioritizing our clients' needs and offering them cradle-to-grave services to successfully implement projects at any stage.

WHAT WE DO

DE's definition of "full-service engineering" is delivering quality products and projects to surpass the clients' goals, ensure their objectives are delivered, and ultimately our communities are improved. As a Small Business, we make it a priority to fully engage our clients in their projects and provide them a personal touch by offering full access to principals and project managers on every project.

HOW ARE WE DIFFERENT

What sets DE apart in the engineering community is our commitment to our clients that goes above and beyond just designing or constructing projects to their satisfaction. Developing close working relationships with our clients allows us to become a virtual extension of their staff. By becoming a virtual extension of their staff, we are able to offer and achieve efficiency and continuity thus accomplishing our shared mission of improving the communities we live and work in.



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.

MINIMUM PERSONNEL REQUIREMENTS

JEFFERSON PARISH REQUIREMENTS	DE TEAM MEMBERS
1. The persons or firm under consideration shall have at least one (1) principal who is a professional engineer in the State of Louisiana.	Kurt Evans, PE, FITE, FACEC
2. The persons or firm under consideration shall have a professional engineer in charge of the project who is a registered as such in Louisiana with a minimum of five (5) years' experience in the disciplines involved.	Frank Liang, P.E., PTOE
3. The persons or firm under consideration shall have one (1) employee who is a professional engineer registered as such in Louisiana in the field or fields of expertise required for the project. (A sub-consultant may meet this requirement only if the advertised Project involves more than one discipline.)	David LeBreton, P.E., PTOE, PTP, RSP ₁ Alan Krouse P.E. Stephanie Turner, P.E., PMP Taylor Marino, P.E., PTOE, RSP ₁ Michael Flynn, P.E. Rachel Douglass, P.E.

EVALUATION CRITERIA

Professional Training & Experience

DE's Traffic Engineering team has the experience and capabilities to provide the following services:

- Conceptual Traffic Signal Design
- Traffic Data Collection & Analysis
- Warrant Analysis
- Traffic Calming
- VISSIM Traffic Modeling
- Corridor Studies
- Environmental Checklists, Assessments, Impact Statements
- Conceptual Planning and Design
- Bicycle and Pedestrian Facilities
- Intermodal Facilities
- Level of Service Analysis
- Roadway System Conditions Inventory and Analysis
- Transit Planning and Analysis
- Transportation Planning
- Travel Demand Modeling
- Safety Analysis
- Freight Transportation Planning

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The [DE] staff is very knowledgeable and also very attentive of the City's concerns and requirements throughout the development of Roadway Safety projects. DE has my recommendation as a firm that can successfully provide design services on safety, enhancement, and traffic engineering projects for the City of New Orleans DPW or any other agency.

*Louis Haywood, Project Manager
City of New Orleans DPW*

DE is particularly aware and knowledgeable of transportation planning, design, and safety. DE's PTOEs and PTPs have the first hand knowledge and experience with use of the National Cooperative Highway Research Program (NCHRP) Series 500, FHWA, AASHTO, and MUTCD reports and guides. These reports help augment DE's understanding to better put into practice, as it relates to safety issues, the following:

- reduction in traffic crashes,
- traffic flow and congestion analysis,
- impact of trucking on travel safety,
- reduction of bike/pedestrian conflicts,
- access management,
- traffic calming, and
- signalization and signage

We have included a matrix below that illustrates the training and experience of our personnel that appear on the organization chart and whose detailed resumes are included in this questionnaire.

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.

DE TRAINING & EXPERIENCE MATRIX

Professional	Degree	Louisiana Professional Civil Engineer	Professional Traffic Operations Engineer	Roadway Safety Professional	Professional Transportation Planner	Years of Relevant Experience	Experience with Jefferson Parish Projects
Kurt Evans, P.E., FITE, FACEC	BS/Civil	•				45	•
Frank Liang, P.E., PTOE	BS/Civil	•	•			29	•
David LeBreton Jr., P.E., PTOE, PTP, RSP ₁	BS/Civil	•	•	•	•	17	•
Alan Krouse, P.E.	BS/Civil	•				47	•
Stephanie Turner, P.E., PMP	BS/Civil	•				13	•
Taylor Marino, P.E., PTOE, RSP ₁	BS/Civil	•	•	•		8	•
Michael Flynn, P.E.	BS/Civil	•				6	•
Rachel Douglass, P.E.	BS/Civil	•				4	
Neal Belmonte, PMP	BS/Kinesiology					15	•
Michael Cochran	AA/Design & Drafting					15	•
Donnie Wittke	AA/Design & Drafting					13	•

Size of Firm

DE is comprised of 52 employees. We have the in-house resources within our Kenner office to support Jefferson Parish with planning, permitting, design, bidding, and construction administration for roadway engineering projects.

We have included resumes only for those personnel who will initially be assigned to this contract; however, we have additional staff that are qualified to assist in related services if required.

Capacity for Timely Completion

We have assigned eleven (11) key personnel to this contract who all are experienced in supporting our clients with a range of transportation engineering related services.

DE's staffing/resource capacity combined with our office location in Jefferson Parish will allow for timely response and completion for any and all services that Jefferson Parish may require as a part of this contract.

Past Performance by Person or Firm on Projects of Similar Comparable Size, Scope and Scale

DE has provided professional engineering services for a variety of projects for Jefferson Parish including environmental, coastal, roadway, sewer, water, drainage, and building projects.

Listed within are a few quotes that attest to our ability to complete projects on time and within budget.

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.

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LADOTD H.009175 - ST. BERNARD SIGNING & STRIPING:
"We had a positive experience with DE on this Local Road Safety Program Project. DE's technical accuracy and expertise in applying MUTCD criteria, along with good judgment in selecting low-cost countermeasures, were key to the project's success. Throughout the collaboration, DE demonstrated effective coordination, timely support during construction, and independent issue resolution. Post-construction reviews revealed no plan errors, underscoring DE's commitment to quality. In project management, DE consistently met expectations, delivering milestones on time and communicating effectively. DE's knowledgeable and collaborative approach instills confidence for future projects."

Laura Riggs, P.E., LADOTD SRTPP Manager

For further discussion of our services to Jefferson Parish and other public entities, we invite you to contact the following references:

Neil Schneider, P.E. (504) 349-5800
Director of Capital Projects, Jefferson Parish

Mark Drewes, P.E., (504) 736-6784
Director, Department of Public Works, Jefferson Parish

Susan Treadway 504-736-6530
Supervisor, Traffic Engineering Division, Jefferson Parish

Jose Gonzales, (504) 468-7515
Chief Administrative Officer, City of Kenner

Location of Principal Office

Digital Engineering's main office is located in Jefferson Parish at 527 West Esplanade Avenue, Suite 200, in Kenner, Louisiana 70065. All project management and engineering services will be performed at this location.

Adversarial Legal Proceedings

Digital Engineering has not been involved in any litigation with Jefferson Parish, nor with any of our Louisiana clients.

Prior Successful Completion of Projects

We have included ten (10) projects, along with references, in Section L of this SOQ that demonstrate DE's record of successfully completing transportation enhancement projects in Jefferson Parish.

In addition to the expertise demonstrated within, DE has an excellent history of working with Jefferson Parish.

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

Signature: Kurt M. Evans

Print Name: Kurt Evans, P.E., FITE, FACEC

Title: CEO & Principal

Date: 01/25/2024