

ROUTINE ENGINEERING SERVICES FOR STREETS PROJECTS (SUPPLEMENTAL)

Jefferson Parish, Louisiana

SOQ 25-004 Resolution No. 145518
February 21, 2025

PREPARED FOR



JEFFERSON PARISH PURCHASING DEPARTMENT
GENERAL GOVERNMENT BUILDING
200 Derbigny Street, Suite 4400
Gretna, LA 70053
ATTN: Mark Buttery
mark.buttery@jeffparish.net
504.364.2810

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:

Routine Engineering Services for Streets Projects (Supplemental)
Resolution No. 145518

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:

Frank Liang, P.E., PTOE
Principal, Practice Lead | Construction Management + Inspection
527 West Esplanade Avenue, Suite 200
Kenner, LA 70065
504.468.6129
fliang@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.

Gerald Babin, P.E.,
Principal, Practice Lead | Transportation
527 West Esplanade Avenue, Suite 200
Kenner, LA 70065
504.468.6129
gbabin@deii.net

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

<u>9</u> Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	<u>3</u> Graduate Engineers
<u>18</u> Civil Engineers	___ Interior Designers	<u>5</u> Project Managers
<u>7</u> Construction Inspectors	___ Landscape Architects	<u>1</u> Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	<u>1</u> Sanitary Engineers
<u>4</u> Engineer Intern	<u>2</u> Environmental Engineers	
___ Professional Land Surveyors	<u>3</u> Designers	<u>53</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 eight (8) personnel to this as-needed traffic engineering contract as illustrated in the Organization Chart below.

DE TEAM ORGANIZATION CHART



PRINCIPAL
Frank Liang, P.E., PTOE

QA/QC MANAGER
David LeBreton Jr., P.E., PTOE,
PTP, RSP₁

PROFESSIONAL IN CHARGE
Gerald Babin, P.E.

ENGINEERING DESIGN
Taylor Marino, P.E., PTOE, RSP₁
Alan Krouse, P.E.
Michael Flynn, P.E.

CADD SUPPORT
Michael Cochran
Donnie Wittke

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Frank Liang, P.E., PTOE, Principal, Practice Lead Construction Management and Inspection	
Project Assignment:	
Principal	
Name of Firm with which associated:	
	
Years' experience with this Firm:	
30	
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:	
<p>Frank is the Practice Lead Construction Management and Inspection for Digital Engineering. He has 30 years of experience performing services with LADOTD, Regional Planning Commission, and local municipalities and parishes. With the Northwestern University Traffic Institute, Frank successfully completed the Institute's Traffic Signal Design Workshop, Fundamentals of Geometric Design, and the Highway Capacity Analysis Workshop. His experience includes the following:</p> <p>Cousins Boulevard Extension, Jefferson Parish, LA <i>Principal in Charge</i> for the design and construction of the extension of Cousins Boulevard between Woodmere Boulevard and Lapalco Boulevard. Other work items associated with this project include the installation of a vehicular bridge, extending an existing drainage structure (box culvert/ConSpan) to facilitate the new roadway and traffic signal design. During the initial scoping phase Frank had to evaluate a number of roadway alignments to determine which was the most economically feasible considering the roadway design geometric and right-of-way restrictions. He also had to coordinate with the surveyor/abstractor for the determination of property ownership of the land surrounding the project limits.</p>	<p>New Orleans Airport Connector Road (Segment A) North Terminal Access Road, Kenner, LA <i>Project Manager</i> for the development of the project plans for the above referenced project. The scope of this project calls for the installation of a new four-lane median divided roadway from the intersection of Loyola Drive/Veterans Boulevard (adjacent to Aberdeen Street) to the airport property line (just south of drainage canal no. 14) and connect to the airport's roadway leading to the New Orleans International Airport's upcoming new north terminal. The new roadway will include subsurface drainage, 10 foot high sound walls along portions of the roadway and roadway lighting. Also as part of this project at-grade (ground level) improvements will be made along Loyola Drive between Veterans Boulevard and I-10, intersection improvements at Veterans Blvd/Loyola Dr. and westbound I-10 off-ramp improvements. Improvements include adding a lane, with drainage improvements, in each direction along Loyola Dr., modifications to the existing traffic signal system at Veterans/Loyola in conjunction with turn lanes improvements at the intersection and the addition of one travel lane along the I-10 westbound off-ramp at Loyola Dr. All design and plan preparation were completed in accordance with LADOTD requirements.</p>

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

David Drive Corridor between W. Napoleon and Veterans Blvd., Jefferson Parish, LA

Principal in Charge responsible for public meetings/ outreach and conceptual geometric layouts for full reconstruction of the existing David Drive 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. The existing drainage, waterlines, and services will be replaced.

Bainbridge Canal Closure and Roadway Improvements, Jefferson Parish, LA

Principal in Charge and Engineer of Record providing all civil engineering design associated with the development of the roadway plans for this project. Frank provide horizontal and vertical roadway geometric design, intersection layouts, development of roadway grades at the various intersections, sidewalk and handicapped ramp design (in accordance with ADA and PROWAG requirements) temporary traffic signal plans, permanent roadway striping and signage plans, the development of cross sections and determining estimated contract quantities.

David Drive Shared Use Path and Vehicular Service Road, Jefferson Parish, LA

Principal in charge responsible for providing general oversight for project scope compliance and QA/QC during the design phase of this LADOTD administered project including design of a 2-foot wide Shared-Use Path, with decorative LED lighting, which extends a distance of 0.625 miles. Frank also provided preliminary engineering services and assisted Jefferson Parish for the development of the LADOTD Transportation Alternatives Program (TAP) application which this project was awarded funding in the amount of \$1.4M.

North Sibley @ W. Napoleon Drainage Improvements, Jefferson Parish, LA

Project Manager for the design of a new 25 cfs drainage pump station 15" thru 36" subsurface drain lines to improve drainage at North Sibley and West Napoleon Avenue. Design is complete and DE is currently providing construction administration

services.

Aberdeen Street Improvements, Kenner, LA

Project Manager for the conceptual design of Aberdeen Street Improvements that included typical road and box culvert sections, horizontal and vertical alignment, opinion of probable costs, identification of rights-of-way that need to be acquired, and conceptual development of a new traffic signal system for Veterans Boulevard and Aberdeen Street.

Loyola Drive Right Turn Lane, Kenner, LA

Project Manager for the design of a right turn lane for Loyola Drive southbound onto the I-10 westbound on-ramp. This project was designed in accordance with LADOTD and FHWA design standards and included upgrading of the signal system and preparation of Categorical Exclusion paperwork.

Carol Sue Improvements (Intersection of Carol Sue and Behrman Hwy.), Jefferson Parish, LA

Principal in Charge responsible for providing general oversight for overall design and construction scope compliance. Frank also assisted during the construction of the project. The goal of the project was to improve intersection capacity and increase safety for pedestrian traffic crossing the intersection. The construction scope consisted of the installation of a dedicated right turn lane and modifications to the existing traffic signal system for the installation of pedestrian push buttons and countdown pedestrian signal heads.

FEMA Street Improvements in the Broadmoor Neighborhood, New Orleans, LA

Project Manager for preparation of plans and specifications for the reconstruction of thirty-one hurricane damaged streets (213 blocks) in the Broadmoor neighborhood in New Orleans. Scope of work involves pavement base replacement for both concrete and asphalt streets, subsurface and surface drainage, and water and sanitary sewer installation and modifications. The project also includes 6,900 square yards of sidewalk improvements as well as handicap ramps and driveway replacements.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
David LeBreton, P.E., PTOE, PTP, RSP ₁ , Chief Executive Officer	
Project Assignment:	
QA/QC	
Name of Firm with which associated:	
	
Years' experience with this Firm:	
18	
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 relevance to the proposed Project:	
<p>David has 15+ of professional engineering experience involving traffic studies, traffic operations, roadway and drainage design, and construction phase services. His experience includes:</p> <p>Southbound Westwood Drive Rehabilitation (Westbank Expressway), Jefferson Parish, LA <i>Project Manager</i> for design services and project plan development for the reconstruction of the southbound lanes of Westwood Drive. The project included 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 <i>Project Manager</i> responsible for project design, budgeting, and scheduling 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. The existing drainage, waterlines, and services will be replaced.</p>	<p>Street Improvement Program for Jefferson Parish District 4, Jefferson Parish, LA <i>Project Manager</i> for FEMA-funded, Hurricane Katrina damaged street improvements throughout District 4. Work included evaluation of damaged asphalt and concrete streets for inclusion in the program; determination of project limits for repairs; preparation of plans and specs preparation of cost estimates associated with the bidding phases; construction administration; coordination of testing services; and resident inspection. Mr. LeBreton was in charge of project design, budgeting and scheduling.</p> <p>Clearview Airline At Grade Roadway Improvements, Jefferson Parish, LA <i>Project Manager</i> for design services, project plan development, budgeting, and tracking for the design of intersection improvements at Airline Drive at Clearview Pkwy. The improvements will consist of increasing the westbound lanes to include a triple left turn and increasing the eastbound lanes to include a double right turn lane. This work will include a new subsurface drainage system, existing utility relocations, a concrete median, signage, and a new traffic signal system.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Taylor Marino, P.E., PTOE, RSP ₁ , Project Engineer	
Project Assignment:	
Engineering Design	
Name of Firm with which associated:	
	
Years' experience with this Firm:	
9	
Education: Degree(s)/Year/Specialization:	
BS/2015/Civil Engineering	
Active registration: Year first registered/discipline:	
2020/Civil 2022/Professional Traffic Operations Engineer 2022/Road Safety Professional Level 1	
Other experience and qualifications relevance to the proposed Project:	
<p>Prior to joining DE as a full-time professional, Taylor interned with the firm since 2013. He has worked on our contract for the LADOTD for the Safe Routes to Schools Program and the Safe Routes to Public Places Program. His experience includes the following:</p> <p>Airline at Clearview Intersection Improvements, Jefferson Parish, LA <i>Project Engineer</i> for project plan development on Airline Drive at Clearview Pkwy. The improvements will consist of increasing the westbound lanes to include a triple left turn and increasing the eastbound lanes to include a double right turn lane. This work will include a new subsurface drainage system, existing utility relocations, a concrete median, signage, and a new traffic signal system.</p> <p>David Drive Corridor Improvements, Jefferson Parish, LA <i>Project Engineer</i> responsible for project design for full reconstruction of the existing David Dr. corridor between Veterans Blvd. + W. Napoleon Ave. This reconstruction will utilize the existing right of way + incorporate a landscaped median, 2 travel lanes (per direction), and 6' sidewalks. The existing drainage, waterlines, and sewer services will be replaced.</p>	<p>Streets Improvements Program for Jefferson Parish District 4, Jefferson Parish, LA <i>Engineer Intern</i> responsible with assisting in the finalization of As-Build drawings and spreadsheets describing each concrete panel in the project. The project totaled over 14,000 panels in 6 different areas of Jefferson Parish.</p> <p>New Orleans Airport Connector Road (Segment A) North Terminal Access Road, Kenner, LA <i>Engineer Intern</i> responsible for the estimation of quantities in the project including asphalt, base, signage, + striping. He also coordinated with utility companies about confirming utility locations and the relocation of conflicting utilities as well as design of the new storm drain system.</p> <p>Southbound Westwood Drive Rehabilitation (Westbank Expressway to Lapalco Boulevard), Jefferson Parish, LA <i>Project Engineer</i> for design services + project plan development for the reconstruction of the southbound lanes of Westwood Dr. The project includes the removal/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>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Gerald Babin, P.E., Sr. Project Manager	
Project Assignment:	
Engineering Design	
Name of Firm with which associated:	
	
Years' experience with this Firm:	
3	
Education: Degree(s)/Year/Specialization:	
BS/1999/Civil Engineering	
Active registration: Year first registered/discipline:	
2000/Civil	
Other experience and qualifications relevance to the proposed Project:	
<p>Gerald offers over 35 years experience with civil engineer specializing in the transportation sector as well as municipal infrastructure. He has served as Project Manager / Design Engineer on major state and local roadway projects including complete highway corridor design, earthwork, drainage, and construction sequencing. His experience includes:</p> <p>David Drive Shared Use Path and Vehicular Service Road, Jefferson Parish, LA <i>Project Manager</i> for design of 12-ft wide Shared-Use Path, including lighting, ADA compliant pedestrian access and a pre-fabricated bridge over Soniat Canal.</p> <p>Sullivan Road (Wax to Hooper), LADOTD, Baton Rouge, LA <i>Project Manager</i> for design of major roadway and related drainage improvements along two main road corridors including design and preparation of plans and specifications. The project includes road improvements for Sullivan from West of Wax Road to Hooper Road on over 4,406 feet of road widening (2-lane to 4-lane with raised median), and drainage improvements. This project also includes a multilane roundabout at the intersection of Sullivan Road and Hopper Road.</p>	<p>McHost Road (LA 64 to Port Hudson- Pride Rd.), LADOTD, Baton Rouge, LA. <i>Project Manager</i> for design of 2.14 miles of rural two lane roadway improvements. The project consisted of widening the lane widths from 9 to 11-ft and providing an 8-ft shoulder in order to improve the safety of the corridor.</p> <p>Old Hammond Highway (US 61 to Blvd. de Province and from Blvd. de Province to Millerville Rd.), LADOTD, Baton Rouge, LA <i>Design Engineer</i> responsible for overseeing the widening of this roadway, including several major intersections. This Urban Roadway consisted of four travel lanes and one continuous turn lane with curb and gutter and subsurface drainage for approximately 2.4 miles.</p> <p>Bluebonnet Boulevard Extension (Nicholson Dr. to Burbank Dr.), East Baton Rouge City Parish, LA <i>Design Engineer</i> for the widening of Bluebonnet Blvd. to a 4-lane and 5-lane urban section with curb and gutter and subsurface drainage for approximately 2.5 miles.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Alan Krouse, P.E., Sr. Transportation Engineer	
Project Assignment:	
Engineering Design	
Name of Firm with which associated:	
	
Years' experience with this Firm:	
5	
Education: Degree(s)/Year/Specialization:	
BS/1977/Civil Engineering	
Active registration: Year first registered/discipline:	
1981/Civil	
Other experience and qualifications relevance to the proposed Project:	
<p>Alan is a Senior Project Manager responsible for management of complex infrastructure projects, and QA/QC. He has 45+ years of experience that 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>Cousins Boulevard Extension, Jefferson Parish, LA <i>Sr. Project Manager</i> responsible for overall project controls, administration, scoping reviews and quality assurance for design and construction of the extension of Cousins Boulevard between Woodmere Boulevard and Lapalco Boulevard.</p> <p>Citrus Boulevard and Greg Court Improvements Jefferson Parish, LA <i>Project Manager</i> responsible for reviewing plan preparation, specifications and construction submittals for the reconstruction and rehabilitation of existing subsurface utilities including drainage system, potable and wastewater mains. Existing concrete and asphalt roadways were repaired and replaced throughout the project.</p>	<p>Harrison Avenue Improvements, Covington, LA <i>Project Manager</i> for this road design 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> <p>Spartan Drive Shared-Use Path, Slidell, LA <i>Project Manager</i> for this pedestrian enhancement and road safety project. Responsible for project development, load rating, coordination with LPA and LADOTD, and management of design for a shared-use path to be used by pedestrians and bicycles traveling between Salem High School and Fritchie Park, including two large drainage structures and a conspan bridge.</p>

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:	
	
Years' experience with this Firm:	
7	
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:	
<p>Michael serves as a Project Engineer in DE's Kenner office for both transportation and storm water projects that help to maintain or 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, + developed price estimates and quantities for transportation projects such as roadway rehabilitation or new roadway construction. His experience includes the following:</p> <p>Westbound Veterans Boulevard Overlay, Jefferson Parish, LA <i>Project Engineer</i> responsible for this roadway resurfacing project. He performed a feasibility study on asphaltic concrete reinforcements to be used on the project to potentially increase the service life of the asphaltic concrete. During the design phase his duties include confirming surveys of the project area prior to beginning design; the development of engineering plans and typical sections; designing sidewalks and handicapped ramps to be in accordance with ADA requirements; quantity takeoffs; and cost estimating.</p>	<p>New Orleans Safe Routes to School Sidewalk Project, New Orleans, LA <i>Project Engineer</i> for implementing safety improvements + increasing the number of students who walk/bike to 5 schools in New Orleans. He is responsible for site visits to determine where existing sidewalks + handicap ramps in the project are suitable for ADA standards, + where sidewalks + handicap ramps must be replaced/added to comply. During the design phase, his duties include the development of engineering plans + typical sections; designing sidewalks/handicapped ramps to be in accordance with ADA requirements; adding new pedestrian crosswalk signals to existing traffic intersections; utilizing new bikeway guidelines developed by the New Orleans DPW to create protected bike lanes on existing roads; creating specifications for the installation of HAWK pedestrian crosswalk signals; quantity takeoffs; + cost estimating.</p> <p>Carol Sue Right Turn Lane, Jefferson Parish, LA <i>Project Engineer</i> responsible for providing design and traffic engineering services. Project scope entails the modification of an existing LADOTD controlled traffic signal system which requires the submission of a traffic signal modification permit to LADOTD.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	
Michael Cochran, CAD Technician	
Project Assignment:	
Design Support	
Name of Firm with which associated:	
 digital engineering	
Years' experience with this Firm:	
4	
Education: Degree(s)/Year/Specialization:	
AA/2003/Drafting and Design Technology	
Active registration: Year first registered/discipline:	
NA	
Other experience and qualifications relevance to the proposed Project:	
<p>Mickey has over 15 years of experience in preparing plans and specifications for flood protection, utilities, and structural projects throughout coastal Louisiana. He is skilled in AutoCAD, AutoCAD Civil 3D, Architectural Desktop (AutoCAD), and Revit Structural (3D Modeling). His experience includes the following:</p> <p>Cousins Boulevard Extension, Jefferson Parish, LA <i>CAD Technician</i> 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>New Orleans Airport Connector Road (Seg. A) – North Terminal Access Road, Kenner, LA <i>Design Support</i> for the design of the new Access Road which will serve as the official entrance to the Louis Armstrong New Orleans International Airport's new North Terminal. He was responsible for the drafting of all construction plans including design</p>	<p>layout, phasing plans, traffic plans, cross sections and all detailing.</p> <p>Southbound Westwood Drive Rehabilitation (Westbank Expressway to Lapalco Boulevard), Jefferson Parish, LA <i>Design Support</i> 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 <i>Design Support</i> 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>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Donnie Wittke, CAD Technician

Project Assignment:

Design Support

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

13

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:

NA

Other experience and qualifications relevance to the proposed Project:

Donnie has 15 years of experience in CADD design and drafting for coastal, drainage, and flood control projects. He is also FAA certified to fly drones and will take video footage of remote coastal locations to see preliminary and construction progress of projects assigned under this contract. His experience includes the following:

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.

Design and Construction Administration of a Street Improvements Program for Jefferson Parish District 4, Jefferson Parish, LA
Design Support Technician that prepared all construction drawings for asphalt and concrete street repairs in Council District 4 that were damaged by

Hurricane Katrina.

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 Jefferson Parish along the Soniat Canal between W. Napoleon Avenue and Veterans Boulevard that supports and further enhances the implementation of the comprehensive and shared community-wide vision for the revitalization of the David Drive Corridor for the residents of Jefferson Parish. DE assisted in the development of this TAP Application and submittal to LADOTD for approval in order to move to the design phase.

North Sibley at W. Napoleon Drainage Improvements, Jefferson Parish, LA
Senior Design Technician for the design of a new 20 cfs drainage pump station 15" thru 36" subsurface drain lines to improve drainage at North Sibley and West Napoleon Avenue.

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>Cousins Boulevard Extension (Woodmere Drive to Lapalco Blvd.) Jefferson Parish, LA</p> <p><u>Owner</u> Jefferson Parish, Dept. of Engineering 1221 Elmwood Park Blvd., Ste. 802 Jefferson, LA 70123 Angela DeSoto, P.E., Director 504.736.6511</p>	<p>Digital Engineering (DE), along with sub-consultants Meyer Engineers, Ltd., BFM, Beta, Pivotal, H. Davis Cole, and Exceptional were 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>	
<div data-bbox="147 768 553 1310" data-label="Image"> </div> <p data-bbox="142 1314 526 1348"><i>Proposed Extension Location</i></p> <p data-bbox="94 1457 493 1491">KEY PERSONNEL INVOLVED:</p> <p data-bbox="94 1493 402 1629">Frank Liang, P.E., PTOE Michael Flynn, P.E. Michael Cochran Donnie Wittke</p>	<p data-bbox="613 779 1528 1287">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 be removed or relocated in addition to providing a direct access to Barkley Estates subdivision.</p> <p data-bbox="613 1318 1528 1541">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. 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> <p data-bbox="613 1575 1516 1703">In September 2020 preliminary plans were submitted to the Parish. In June 2021 90% final plans were submitted to the Parish for their review. Currently Jefferson Parish is in the process of acquiring the right-of-way for this project.</p>	
<p>Completion Date (Actual or Estimated):</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p>	<p>Work for which Firm was Responsible:</p>
<p>May 2026 (Estimated)</p>	<p>\$7,068,000</p>	<p>\$299,826</p>

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>Westbound Veterans Boulevard Reconstruction (Bonnabel Canal to Severn) Jefferson Parish, LA</p> <p><u>Owner</u> Jefferson Parish, Dept. of Engineering 1221 Elmwood Park Blvd., Ste. 802 Jefferson, LA 70123 Angela DeSoto, P.E., Director 504.736.6511</p>		
<p>The purpose of this project is to maintain the integrity of the roadway by performing a mill and overlay within the project limits. Veterans Boulevard is one of the most traveled corridors in Jefferson Parish and requires routine maintenance/rehabilitation.</p> <p>The scope of work for this project includes the resurfacing of the existing Westbound Veterans Boulevard between Bonnabel Canal and Severn Avenue. This three lane asphalt roadway will receive a two inch mill and overlay from Severn to Causeway, a three and a half inch mill and overlay on the middle and outside lane from Causeway to Bonnabel Canal, and a full depth asphalt patch (ten inch depth) on the inside lane from Causeway to Bonnabel Canal. All mill and overlays will utilize a glasgrid pavement reinforcement between the existing surface and the newly placed binder course. Driveway tie-ins will be constructed as needed along with drainage structure adjustments. The acceleration lane near North Labarre Road will be eliminated and replaced with embankment and sod. All U-turns along the project limits will also receive a mill and overlay. DE will also assist in bidding the project, administering construction and providing resident inspection. Project is scheduled to bid in Summer 2022 to allow for the completion of adjacent major projects.</p>	<p>As part of this contract, DE was also responsible for investigating the use of asphalt pavement reinforcement (such as glasgrid) and the use of asphalt fiber reinforcement mixes. The investigation included reviewing the two products utilized separately as well as the two used concurrently. This required coordination with LADOTD, TXDOT, and ALDOT to aide in the research of the uses. It was determined for this project that the asphalt pavement reinforcement would be utilized, but the asphalt fiber reinforcement would not due to its minimal impacts on the mixes. The design of this project was placed on hold by Jefferson Parish in October 2019.</p>	
<p>KEY PERSONNEL INVOLVED: Gerald Babin, P.E.; Frank Liang, P.E., PTOE; David LeBreton, P.E., PTOE, PTP, RSP₁ Michael Flynn, P.E.; Donnie Wittke</p>		
<p>Completion Date (Actual or Estimated):</p>	<p>Estimated Cost:</p>	
<p>February 2024</p>	<p>Entire Project: \$2,000,000</p>	<p>Work for which Firm was Responsible: \$206,633</p>

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>Southbound Westwood Drive Rehabilitation (Westbank Expressway to Lapalco Boulevard) Jefferson Parish, LA</p> <p><u>Owner</u> Jefferson Parish, Dept. of Engineering 1221 Elmwood Park Blvd., Ste. 802 Jefferson, LA 70123 Angela DeSoto, P.E., Director 504.736.6511</p>	<p>Digital Engineering (DE) was selected by Jefferson Parish to provide design services and project plan development for the reconstruction of the southbound lanes of Westwood Drive from the Westbank Expressway to Lapalco Boulevard. An evaluation of the existing drainage system was performed to determine the necessary subsurface drainage improvements for current design standards. This project was administered through LADOTD's Road Design Section - Urban Systems Program.</p> <p>All design and plan preparation were in accordance with LADOTD requirements. In addition, the latest LADOTD's Constructibility/Biddability Review and QA/QC Checklist was performed on the project plans. The scope of work for this project included the removal and replacement of existing PCCP roadway, installation of additional subsurface drainage and modification of existing subsurface drainage, and installation of new sidewalks, handicap ramps, and driveways as needed. In addition, a Complete Streets report was composed which evaluated alternatives to provide adequate access for vehicles, pedestrian, bicyclists, and transit buses.</p> <p>Traffic engineering services were provided by DE for the development of construction phasing, temporary construction signage, and permanent roadway striping and signage.</p> <p>Additionally, DE was tasked with combining the northbound reconstruction documents with our set to compile one complete bid ready document for the northbound and southbound reconstruction.</p> <p>Bidding and construction was administered through LADOTD.</p> <p>KEY PERSONNEL INVOLVED: Frank Liang, P.E., PTOE; David LeBreton, P.E., PTOE, PTP, RSP₁; Taylor Marino, P.E., PTOE, RSP₁; Mickey Cochran; Donnie Wittke</p>	
		

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2019	\$2,600,000	\$227,336

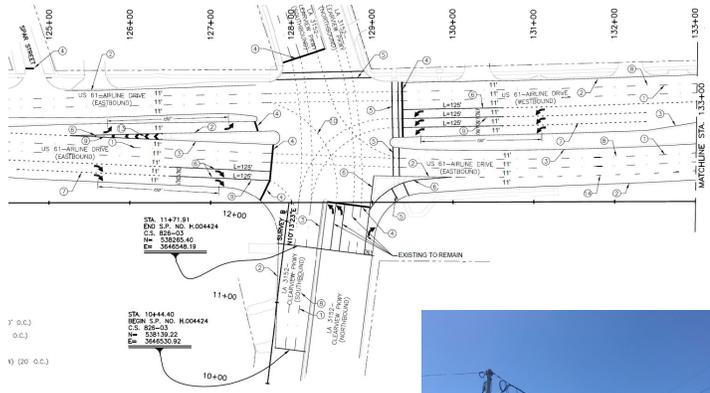
L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 4

Project Name, Location and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Carol Sue Improvements (Intersection of Carol Sue and Behrman Hwy.) Jefferson Parish, LA</p> <p><u>Owner</u> Jefferson Parish, Capital Projects 1221 Elmwood Park Blvd. Jefferson, LA 70123 Neil Schneider, P.E., Director 504.736.6833</p>	<p>In response to the growing needs of Jefferson Parish for improved intersection capacity + enhanced pedestrian safety, a pivotal project was initiated at the junction of Carol Sue Ave. + Behrman Hwy. Tasked with addressing these needs, DE embarked on a comprehensive project aimed at not only easing traffic congestion, but also safeguarding pedestrian crossings.</p> <p>The project scope centered on the strategic addition of an exclusive right turn lane for eastbound traffic on Carol Sue Ave. turning south onto Behrman Hwy. This development was crucial in alleviating the traffic backups that frequently occurred during peak hours, significantly smoothing the flow of vehicles through this key intersection.</p> <p>Complementing this enhancement was the installation of pedestrian countdown signal heads. These devices were implemented to bolster</p>	
<p>pedestrian safety, providing clear + timely crossing signals to pedestrians traversing Behrman Hwy. This dual approach of managing vehicle + pedestrian traffic flows was designed to create a safer and more efficient intersection for all users.</p>		
<p>DE's role extended beyond mere design + implementation. Early in the project, DE successfully navigated the complexities of regulatory compliance by assisting Jefferson Parish in the submission + acquisition of an LADOTD Signal Permit. This permit was crucial for the modification of the LADOTD-controlled traffic signal at the intersection, ensuring that the new traffic patterns would be seamlessly integrated into the existing road network. Throughout the construction phase, DE's responsibilities expanded to include critical coordination with various stakeholders. The team adeptly handled the coordination with LADOTD for the review + approval of the newly installed traffic signal equipment. Furthermore, DE's proactive engagement with local private utilities + District 02 Traffic personnel was instrumental in resolving conflicts that emerged during construction, particularly with the existing fiber optic infrastructure.</p>		
<p>The project has achieved significant milestones with the successful completion of the design + bidding processes. The approval of the LADOTD Signal Permit by the LADOTD HQ Traffic stands as a testament to the project's compliance with state regulations and its alignment with broader traffic management objectives. Currently, the project is under construction with Command Construction LLC.</p>		
<p>KEY PERSONNEL INVOLVED: Frank Liang, P.E., PTOE; Michael Flynn, P.E.</p>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	\$359,345	\$144,000

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. 5

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>Owner Jefferson Parish, Dept. of Engineering 1221 Elmwood Park Blvd., Ste. 802 Jefferson, LA 70123 Angela DeSoto, P.E., Director 504.736.6500</p>	 	
<p>Digital Engineering (DE) was selected by the Jefferson Parish Council \$295,890 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.</p> <p>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 transit 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 will be 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>KEY PERSONNEL INVOLVED: Frank Liang, P.E., PTOE David LeBreton, P.E., PTOE, PTP, RSP₁ Taylor Marino, P.E., PTOE, RSP₁ Mickey Cochran Donnie Wittke</p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
March 2021	Entire Project:	Work for which Firm was Responsible:
	\$4,237,750	\$295,590

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>New Orleans Airport Connector Road (Segment A) North Terminal Kenner, LA</p> <p><u>Owner</u> City of Kenner, Dept. Public Works 1610 Rev Richard Wilson Drive, Bldg D Kenner, LA 70065 Tom Schreiner, P.E., Deputy CAO 504.468.7515</p>	

DE was selected by the City of Kenner for design of the new Access Road which will serve as the official entrance to the Louis Armstrong New Orleans International Airport's new North Terminal. The scope includes the construction of a four-lane divided concrete roadway along existing Aberdeen Street from Veterans Boulevard to the Airport property.

Design elements included a subsurface drainage system, existing utility relocations, extension of the existing 72" drainage culverts at Canal No. 14, roadway lighting, landscaping, permanent roadway signage and striping, and a soundwall (noise barrier). DE also designed the new traffic signal system at the Veterans Boulevard intersection which included a special foundation design for the 65 foot and 70 foot mast arms. The design needed to accommodate the future fly over ramp termination from I-10. Construction of the project was partially funded by the FAA and all work was coordinated with the Airport's Program Manager. The project is also partially funded by FHWA and all work was performed in accordance with the latest standards and requirements of the Louisiana Department of Transportation and Development (LADOTD) and FHWA.

This project let in September 2017 with construction commencing shortly thereafter. Due to the high priority nature to complete this project prior to the airport opening, DE was heavily involved during construction. Although LDOTD has their own construction engineer consultant, DE fielded questions weekly and attended a number of construction progress meetings to prevent delays to the contractor.

DE also attended a number of meetings to discuss additional roadway improvements due to the traffic that the new terminal will generate. One of the major topics was the removal of the fire station for the installation of more improvements (lanes) in addition to what was already proposed. Through these discussions, DE developed plan sheets for a change order to the existing road construction project for the installation of additional surcharge and additional lanes south of Veterans. The scope of this change order required DE to redesign the geometry of the roadway, drainage, lighting, and traffic signal system. This additional work was completed expeditiously and without any delays to the construction scheduled completion date.

KEY PERSONNEL INVOLVED:

Frank Liang, P.E., PTOE; David LeBreton, P.E., PTOE, PTP, RSP₁; Taylor Marino, P.E., PTOE, RSP₁; Mickey Cochran; Donnie Wittke

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2019	\$6,200,000	\$633,658

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>Bainbridge Canal Closure and Roadway Improvements Jefferson Parish, LA</p> <p><u>Owner</u> Jefferson Parish, Dept. of Public Works 1221 Elmwood Park Blvd., Ste. 802 Jefferson, LA 70123 Angela DeSoto, P.E., Director 504.736.6511</p>	<p>Travelers who use shuttle busses to and from the new New Orleans International Airport North Terminal utilize the Bainbridge Avenue corridor. Being a gateway to the airport and due to it poor condition Jefferson Parish, in conjunction with the City of Kenner developed this project to enclose the existing drainage canal and provide roadway, sidewalk, driveway, and drainage improvements from Veterans to the Airport. The following are some notable points of this project:</p> <ul style="list-style-type: none"> • <i>Install new 4 barrel 8'x5' RCB culvert in Bainbridge Canal, immediately south of Veterans to Canal 14.</i> • <i>Reconstruct existing Bainbridge to provide a median divided 4 lane roadway from Canal 14 to Veterans.</i> 	
<ul style="list-style-type: none"> • <i>Provide an additional left turn for northbound Bainbridge to westbound Veterans.</i> • <i>Provide additional storage capacity for the existing WB Veterans left turn lane by extending the storage lane farther east.</i> • <i>At Canal 14, construct junction box to connect new 4 barrel 8'x5' RCB culvert to existing Canal 14's (2)-78"x122" RCPAs and existing Bainbridge Canal 78"x122" RCPA to the south. Junction box to include access hatch for maintenance and will not have a dividing wall. Extend existing concrete pipes as needed to connect to new junction box.</i> • <i>From Canal 14 to the airport property, realign ditch and remove existing timber bulkhead along west side.</i> • <i>All existing outfall pipes currently discharging into Bainbridge Canal will be replaced.</i> • <i>South of roadway crossing, intermittent concrete panels will be replaced for installation of new outfall pipes crossing the two way roadway, or where curb or panel is damaged.</i> • <i>Install new traffic signal system at the intersection of Veterans and Bainbridge.</i> • <i>New street lighting system will be installed to match the existing pole types on Veterans.</i> • <i>Replace all driveway aprons and sidewalks along Bainbridge.</i> 	<p>Digital Engineering was part of the design team that was awarded the contract to provide design, bidding, and construction administration services for this project. The prime consultant for this project was Meyer Engineers; along with Digital Engineering, the other subconsultants for this project were GEC, and Infinity Engineering.</p> <p>For this project, Digital Engineering is providing design, bidding and construction administration services associated with the roadway, sidewalk, ADA ramps, driveway, and traffic signal improvements. The following design tasks were performed by DE for this project:</p> <ul style="list-style-type: none"> • <i>Roadway Typical Sections</i> • <i>Roadway plan/profile sheets for the Bainbridge Improvements to include sidewalk, driveway, and ADA ramp improvements</i> • <i>Miscellaneous Details</i> • <i>Roadway design and geometrics</i> • <i>Graphical grades and U-turn details</i> • <i>Striping plan</i> • <i>Traffic Signal Plans</i> • <i>Cross sections</i> • <i>Technical specifications</i> • <i>Cost Estimating</i> 	
	<p>KEY PERSONNEL INVOLVED: Frank Liang, P.E., PTOE Mickey Cochran</p>	
<p>Preliminary plans were submitted to Jefferson Parish in July 2021. Comments were received in September 2021 and the team is currently working on addressing the comments and a final design submittal.</p>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	\$18,200,000	\$156,856

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.

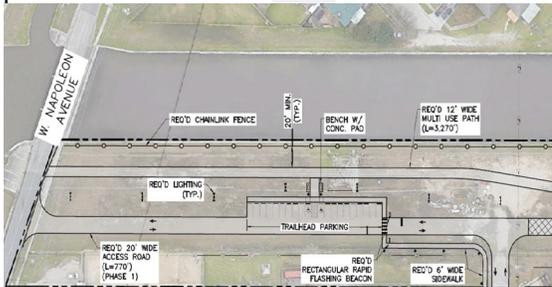
PROJECT NO. 8

Project Name, Location and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>David Drive Corridor Improvements (Veterans Blvd. to W. Napoleon Ave.) Jefferson Parish, LA</p> <p>Owner Jefferson Parish, Dept. of Engineering 1221 Elmwood Park Blvd., Ste. 802 Jefferson, LA 70123 Angela DeSoto, P.E., Director 504.736.6511</p>		
<p>Jefferson Parish selected DE to provide preliminary and final design phase services for the construction of roadway improvements along David Drive between Veterans Boulevard and West Napoleon Avenue. The design is based on the recommendations that DE provided to the Regional Planning Commission under a Stage 0 Feasibility Access Management Study for this corridor.</p> <p>The major scope of the improvements includes the widening of David Drive to provide a 12 foot wide raised median, installation of subsurface drainage improvements, ornamental street lighting, replacement of a 12 inch diameter transit waterline, modifications to the existing traffic signal systems at David/Trenton and David/York, and installation of landscaping along the median. 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 in order to accommodate the proper turning radii. Geometric realignment was also necessary on the northern side of David Drive at the Veterans Boulevard tie-in. The intersection of W. Napoleon Avenue and David Drive will also be milled and overlaid as part of this project.</p> <p>In addition to utility pole, gas line, and fiber optic line coordination, traffic engineering services for the traffic signal modification to accommodate pedestrian signal heads with APS push buttons at three intersections, development of construction phasing, temporary construction signage and permanent roadway striping and signage were provided by DE.</p> <p>The design was in accordance with all Jefferson Parish requirements and standards. DE provided bidding services and will provide resident inspection services for this project.</p> <p>KEY PERSONNEL INVOLVED: Frank Liang, P.E., PTOE; David LeBreton, P.E., PTOE, PTP, RSP₁; Taylor Marino, P.E., PTOE, RSP₁; Mickey Cochran</p>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2023	\$7,993,000	\$287,000

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>David Drive Shared Use Path and Vehicular Service Road (W. Napoleon to Veterans Boulevard) Jefferson Parish, LA</p> <p><u>Owner</u> Jefferson Parish, Dept. of Capital Projects 1221 Elmwood Park Blvd., Ste. 906 Jefferson, LA 70123 Neil Schneider, P.E., Director 504.736.6833</p>	<p>Digital Engineering (DE) is currently preparing plans and specifications for a Transportation Alternatives Program (TAP) Project in Jefferson Parish along the Soniat Canal between W. Napoleon Avenue and Veterans Boulevard that supports and further enhances the implementation of the comprehensive and shared community-wide vision for the revitalization of the David Drive Corridor for the residents of Jefferson Parish. 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>The project will include the "Soniat Greenway", a 12 foot wide Shared-Use Path, with lighting, which extends a distance of 0.625 miles. It is situated behind the numerous small retail shops which line the west side of the David Drive Corridor. Both businesses and Greenway users will mutually benefit from having access to restaurant services and other amenities.</p>



A Trailhead facility with lighting and parking will also be designed as part of the Soniat Greenway including an access road, extending from West Napoleon Avenue to York Street, thereby providing convenient access to the Greenway, David Drive, and Lafreniere Park. The trailhead will also have ADA compliant pedestrian access from York Street to the trailhead area and proposed bike racks in the area.

Lastly, a prefabricated bridge over the Soniat Canal will be part of this project, thereby linking West Gate Subdivision and its 875+ single family residential units with the Soniat Greenway, the proposed David Drive Town Center, and Lafreniere Park.

Once the design is completed, DE will also assist in bidding the project as well as the construction administration and resident inspection.

The preliminary plans were submitted to Jefferson Parish in April 2021. In August 2021, Jefferson Parish was awarded the LDOTD TAP funding for this project. As of late 2021, Jefferson Parish was in the process of facilitating a kickoff meeting with LDOTD to go over the preliminary plans and future design milestones. Once the meeting is completed final design will commence.

KEY PERSONNEL INVOLVED:

Frank Liang, P.E., PTOE
David LeBreton, P.E., PTOE, PTP, RSP₁
Michael Flynn, P.E.
Gerald Babin, P.E.
Mickey Cochran

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2025	\$299,580	\$299,580

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>Drainage Improvements: North Sibley Street at West Napoleon Avenue Jefferson Parish, LA</p> <p><u>Owner</u> Jefferson Parish, Dept. of Capital Projects 1221 Elmwood Park Blvd., Ste. 906 Jefferson, LA 70123 Neil Schneider, P.E., Director 504.736.6833</p>	 <p>Proposed Pump Station Location</p>

Digital Engineering (DE) provided engineering services for the design of drainage improvements at North Sibley Street and West Napoleon Avenue in Metairie.

The scope of the project was broken into two projects: the first project was the design of a new 25 cfs drainage pump station due to the minimal elevation relief between the outfall canal and the surrounding neighborhood. To prevent backwater from flowing into the local drainage system a 36" in-line check valve will be installed. This first project was bid in October 2019 and was awarded to Hard Rock Construction in the amount of \$683,450.00. Construction commenced in January 8, 2020 and is anticipated to be completed on September 4, 2020.

The second project was the design of the drainage improvements, in addition to the associated roadway improvements, along North Sibley from West Napoleon Avenue to Crawford Street (approximately 950 Linear Feet). All drainage design was performed in accordance with Jefferson Parish and LDOTD Standards. Drainage improvements included the removal of the undersized system and installing new 15" thru 36" RCP subsurface drain lines to improve drainage along North Sibley between West Napoleon Avenue and Crawford Street. The project also called for the removal and replacement of all water and sewer lines, PCCP roadway, sidewalks, driveways, and handicapped ramps. This project was advertised to bid in June 2020 with construction commencing afterwards.

KEY PERSONNEL INVOLVED:

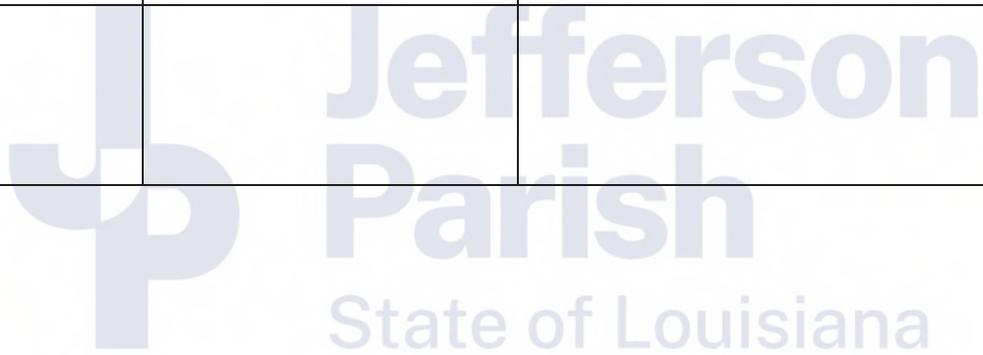
Frank Liang, P.E., PTOE
Donnie Wittke

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2020	\$1,926,000	\$168,004

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 53, 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.	Frank Liang, P.E., PTOE Gerald Babin, P.E. David G. LeBreton, Jr., P.E., PTOE, PTP, RSP ₁
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 Gerald Babin, P.E. David G. LeBreton, Jr., P.E., PTOE, PTP, RSP ₁
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.)	Frank Liang, P.E., PTOE Gerald Babin, P.E. David G. LeBreton, Jr., P.E., PTOE, PTP, RSP ₁ Taylor Marino, P.E., PTOE, RSP ₁ Alan Krouse, P.E. Michael Flynn, P.E.

EVALUATION CRITERIA

Professional Training & Experience

DE and our staff have served as professional engineering consultants for Jefferson Parish roadway projects for over 30 years. DE has provided engineering design services for \$96 million (construction value) for roadway projects throughout Jefferson Parish.

We have listed below all of our Jefferson Parish roadway projects that we have provided engineering design and construction administration for.

- Streets Improvement Program for Jefferson Parish District 4
- LA 3134, Lafitte Larose Highway Connection to Destrehan Avenue
- Transcontinental Drive Improvements from York Drive to West Esplanade Avenue
- West Esplanade Avenue Panel Replacement (Clearview Parkway to Bonnabel Boulevard)
- Edenborn Right Turn Lane South of Veterans Memorial Boulevard
- Massachusetts Avenue Roadway and Drainage Improvements
- Destrehan Avenue Improvements (Lapalco Boulevard to Keithway Drive)
- St. George Street Improvements
- Canal Street Improvements (Interstate 10 to Lake Avenue)
- LA 3154 Hickory Avenue Extension (Gardner Street to 11th Street)
- Transcontinental Corridor Intersection Improvements (Transcontinental Boulevard at West Esplanade Avenue)
- Segnette Boulevard Overlay
- Brown Avenue Corridor Roadway and Drainage Improvements
- Kawanee Street Roadway and Drainage Improvements
- Veterans Boulevard Pavement Improvements
- Veterans Boulevard Overlay (Virginia Street to Loyola Drive)
- David Drive Corridor Improvements
- Airline Drive at Clearview Parkway Intersection Improvements
- Southbound Westwood Drive Rehabilitation
- Westbound Veterans Boulevard Reconstruction (Bonnabel Canal to Severn)
- Cousins Boulevard Extension (Woodmere Drive to Lapalco Boulevard)

”

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*

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
Frank Liang, P.E., PTOE	BS/Civil	•	•			30	•
David LeBreton Jr., P.E., PTOE, PTP, RSP ₁	BS/Civil	•	•	•	•	18	•
Taylor Marino, P.E., PTOE, RSP ₁	BS/Civil	•	•	•		9	•
Gerald Babin, P.E.	BS/Civil	•				38	•
Alan Krouse, P.E.	BS/Civil	•				48	•
Michael Flynn, P.E.	BS/Civil	•				7	•
Michael Cochran	AA/Design & Drafting					21	•
Donnie Wittke	AA/Design & Drafting					13	•

Size of Firm

DE is comprised of 53 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 eight (8) 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 Parish Contracts

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.

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 SRTTP 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

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: _____



Print Name: Frank Liang, P.E., PTOE

Title: Practice Lead | Construction Management + Inspection

Date: 02/21/2025